

## EXPERT OPINIONS.

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(Opinions of Four Canadian Engineers.)

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The late Kivas Tully was for many years consulting engineer for the Province of Ontario and was engineer of the Toronto Harbor Commission.

(Extract from letter to Mayor Howland.)

KIVAS TULLY, CONSULTING ENGINEER.

To carry out Mr Spalding's scheme, a ship canal on the level of Lake Simcoe would have to be constructed . . . with inclined planes at the northern and southern termini for the conveyance of large ships, which latter, I consider, would be quite practicable, as proposed by Mr. Spalding.

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Mr. William H. Law was for many years Engineer of the Peterborough Bridge Works and was since Engineer of the Canada Foundry Company.

(Extract from letter to Mr. Spalding.)

WILLIAM H. LAW, ENGINEER, CANADA FOUNDRY COMPANY.

Dear Sir: Since looking over the blue prints, illustrating your methods of transporting ships over high lands, between two sheets of water, I have become favorably impressed with the feasibility of the devices adopted to secure an equal distribution of the loading, whilst the vessel is moving over a hill or any irregular surface of roadbed.

Nor do I see any reason to doubt the possibility of designing and building suitable trussed platforms, to carry the vessels, no matter what the conditions of loading may be. Or, in other words, a platform can be designed and built to carry vessels, varying in length from 200 feet to 500 feet long, or more, without injury to the vessel or platform.

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S. Allen Cooney is from Prince Edwards County, Ont.

(Extract from a letter to Mayor Howland.)

JOHN A. ROEBLING'S SONS COMPANY OF NEW YORK.

S. A. COONEY, ENGINEER.

Dear Sir: At the request of Mr. H. C. Spalding, a gentleman with whom the writer has been personally acquainted for a number of years, we write to say that we have watched with considerable interest the drawings in connection with his marine railway, for the transportation of ships and canal boats from one water level to another, without the use of locks.

From the writer's knowledge of same, we believe it to be a very great achievement, and mechanically the entire outfit seems to be a thorough success.