

The following gives the waterway at the Victoria Bridge :—

	ft.	in.
Distance between the abutments face to face	6,567	3
Deduct Piers	444	9
Available water way	6,122	6
Sectional area of water way at	Square feet	
Mean summer level	50,000	
Ditto, average winter ice level.....	106,000	

It will thus be seen that the sectional area way at the Victoria Bridge is double in winter what it is in summer, and yet no more water is passed through the Bridge openings in winter than in summer, the ice in winter controls it, and were it not for the St. Mary's channel, to carry off the ice and water, it must be apparent to all, that the South channel could not do the work without getting, backing up, and overflowing. Even now during an ordinary spring shove, the ice is carried up along the shores to the Banks and highway; and what the result would be with all the St. Lawrence discharging through the South channel, and additional obstruction in it from Bridge piers is beyond my ability to estimate.

I do not, however, hesitate to state that the damage to the public and to the Railway Company would be most serious, and I consider it incumbent upon the Grand Trunk Railway Company to take every legitimate means to prevent the proposed scheme being carried out.

E. P. HANNAFORD,

Chief Engineer,

GRAND TRUNK RAILWAY CO.