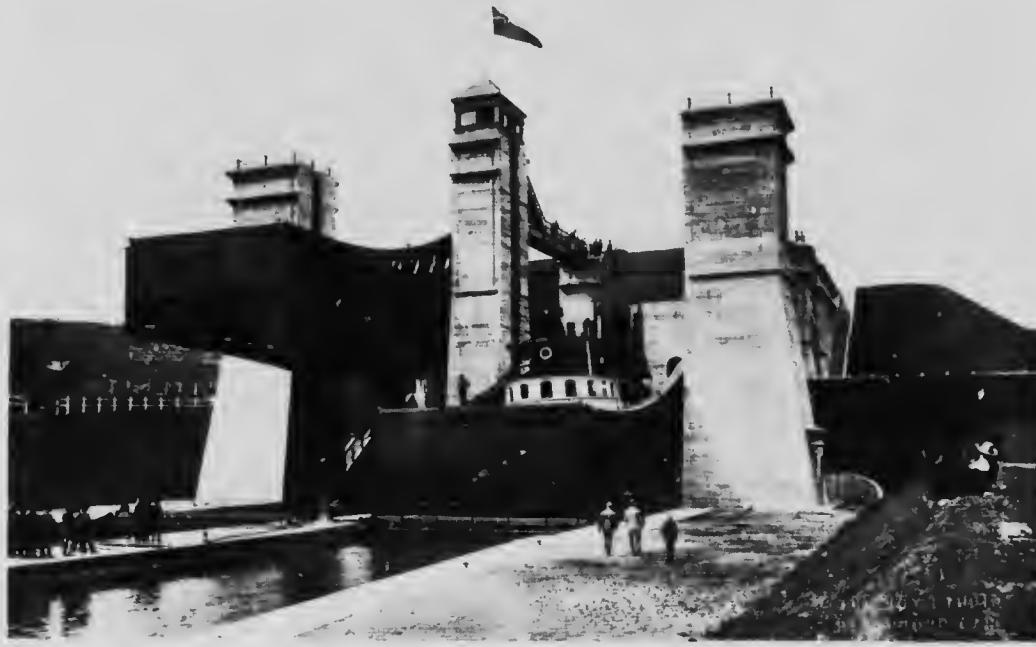


THE DOMINION BRIDGE COMPANY LIMITED, LACHINE, QUE.



LIFT LOCK AT PETERBOROUGH, ONT.

The lift lock at Peterboro' on the Trent Canal was built in 1899 and consists of two chambers 140 feet (42.67 m) long, 33 feet (10.06 m) wide and 9 feet 10 inches (3 m) deep. The operation is almost automatic as the descending chamber is always filled to a greater depth than the ascending one. Hydraulic power however can be used when required. The lift is 65 feet (19.81 m) the highest in the world, the hydraulic pressure is 600 lbs per square inch (42. kg per sq. cm) and the whole time occupied to pass a vessel is about twelve minutes. See the special Mechanical Catalogue for further details.