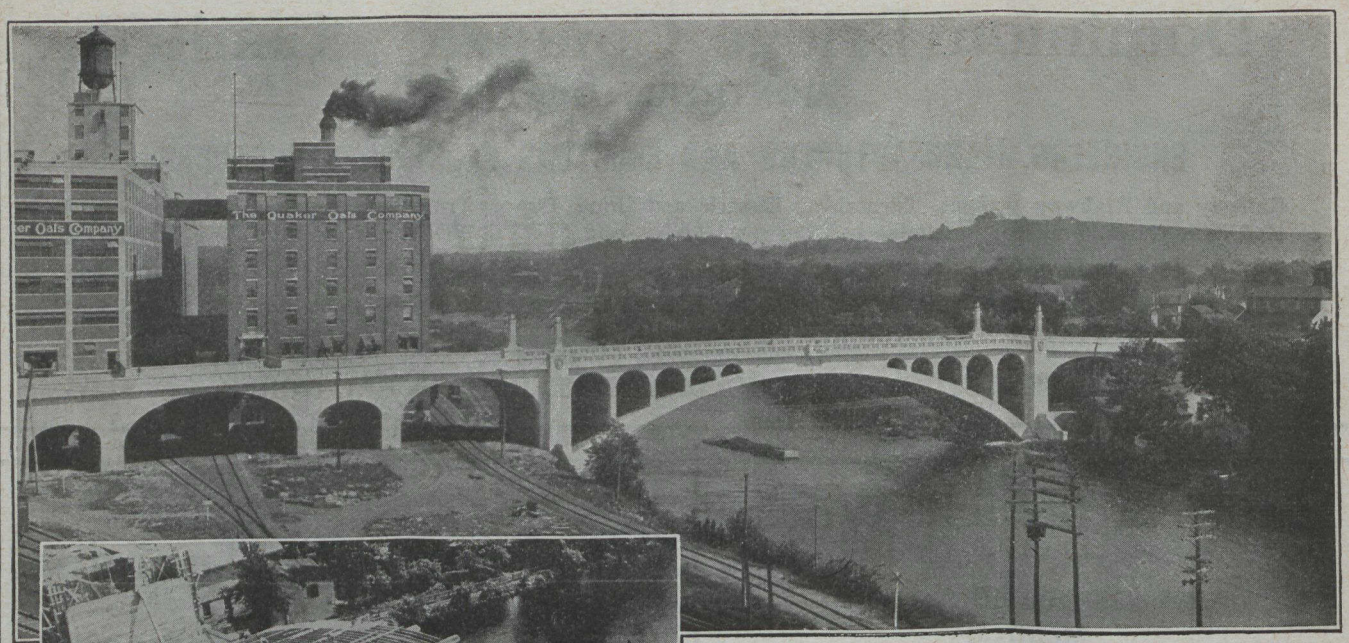
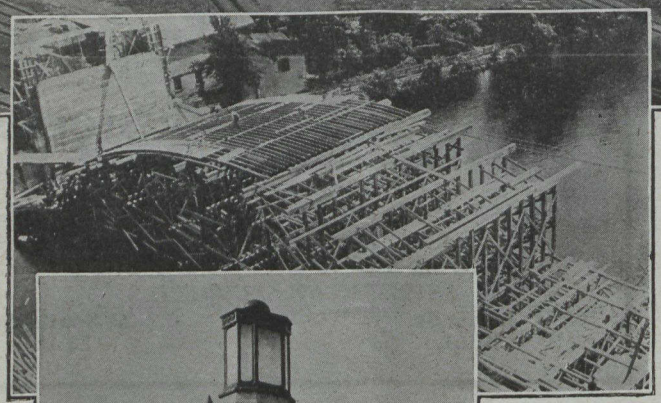
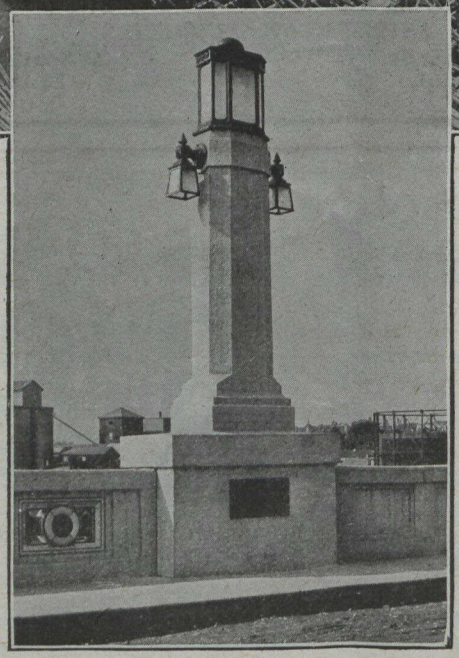




Placing Centering For Ribs



Showing Lighting of the Bridge

The Beautiful Hunter Street Bridge at Peterborough

THE bridge that spans the River Otonabee is a striking example of Concrete Bridge designing.

It embraces several important features of engineering practice. It will be observed that the Spandrel Arches show a variation in span, which adds much to the appearance of the structure. It was found that this feature of uneven spans also resulted in greater economy.

Another important feature was the building of the river arch with temporary hinges near the skew-backs and at the crown. These hinges were concreted over, only after the super-structure had been completed and the final dead-weights applied. This is the first bridge on which the principle has been taken advantage of, to minimize the temperature stresses.

The Bridge was erected in the year 1921 by the Russell-Townsend Co., under the direction of R. H. Parsons, M.E.I.C., City Engineer. Mr. Frank Barber, the eminent Bridge Engineer, in collaboration with Mr. Frank Bragden, Architect, designed this truly beautiful structure.

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