

CONCRETE BRIDGE

Blends Beauty with Permanence

One essential quality in bridges is Permanence — because on that depends the ultimate economy of the structure.

But artistic appearance is almost equally desirable.

THESE two characteristics are the underlying reasons for the selection of reinforced Concrete in modern Bridgebuilding.

For maximum economy, maintenance must be eliminated — herein Concrete excels; it is unaffected by rot, rust and decay. A moderate first cost is the final cost of such a bridge.

Contributing further to the advantages of this type of construction is the fact that the materials entering into the making of Concrete are obtainable close to the site, and local labor may be used.

The logical result of this unique combination of desirable features is the widespread adoption of Concrete in modern Bridge-building.

Illustration above shows Reinforced Concrete Culvert, 8 feet opening, over the St. Denis Brook, in Quebec County. Built in 1916.

IVAN E. VALLEE, Chief Engineer. Department of Public Works, Province of Quebec.

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