

Rehabilitation of the Pretty River Bridge

Client: County of Simcoe

Year: 2008



SERVICES PROVIDED

The Pretty River Bridge, located on Simcoe County Road 124 in the Village of Nottawa, is a 20 metre span rigid frame concrete structure constructed in 1952. To address the significant deterioration of the concrete and steel lattice barrier walls and concrete deck, C.C. Tatham and Associates were retained to oversee the rehabilitation of the bridge including the provision of detail design, tendering, approvals and construction supervision services. Major improvements were completed to extend the life span of the structure and address traffic safety and operational issues. These included the installation of new approach slabs, replacement of existing barrier walls, deck and soffit repairs and asphalt resurfacing. Located on a vital commercial and tourist transportation corridor, management of traffic during construction was of paramount importance. A four stage traffic management plan involving the use of on-site detours (controlled through the use of temporary traffic signals) and off-site alternative routes, was developed in cooperation with the local municipal road authority. Completion of construction in a relatively short time period to facilitate the reinstatement of two way traffic in advance of the 2007/08 winter ski season was successfully achieved.

Key Staff: Brad Kalus, Terry Smart, Shannon Roulston



C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood

Bracebridge

Orillia

Barrie

email: info@cctatham.com
web: www.cctatham.com