

Proud Bridge

Client: Municipality of Arran-Elderslie

Year: 2011



SERVICES PROVIDED

The Proud Bridge is a single-lane, 2-span earth filled concrete spandrel arch bridge spanning the Sauble River located southeast of the Village of Tara. As a result of a biannual inspection, the bridge was identified as in need of rehabilitation/replacement due to the extensive deterioration of the concrete elements. CCTA completed the Class Environmental Assessment for the removal/rehabilitation/replacement of the bridge. As a result, the final design for a replacement bridge was completed, consisting of a 2-span concrete deck on precast prestressed concrete girders. The new structure will have longer spans and accommodate two lanes of traffic to meet current design criteria. CCTA also assisted the Municipality with their successful MIII application. CCTA provided contract administration and construction review and the work was successfully completed in November 2014.

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