

Christie Bridge Class EA & Design

Client: Municipality of Arran-Elderslie

Year: 2011



SERVICES PROVIDED

The Christie Bridge is a single-lane concrete deck-on-steel girder structure built circa 1925. With a span of 10.0 m and a driving platform width of 4.3 m, it is located on a low volume road south of the Village of Tara. Recently the concrete deck failed and the bridge was of necessity temporarily closed to traffic. CCTA was retained to undertake a Class Environmental Assessment for the removal/rehabilitation/replacement of the bridge.

CCTA completed the preliminary and final design for the temporary superstructure replacement including preparation of tender document and specifications. The temporary superstructure is a timber transverse laminated deck on steel girder. The design also included repairs to the concrete abutments and wingwalls allowing the load posting to be removed.

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