



April 18, 2019

Winnipeg park's pedestrian bridge replacements fit snugly into existing abutments

As part of a capital improvement program for King's Park in southern Winnipeg, two iconic wooden pedestrian bridges were replaced with new, barrier-free counterparts from Algonquin Bridge.

The two bridges (14 m and 16 m) were replaced in stages with each fully assembled span shipping from our Thorndale, Ontario, facility on a flatbed and then installing in one day. The contractor on the project, Pier Solutions, had removed the old bridges and refurbished the existing abutments to be ready for the new bridge arrivals.



Project at a glance:

Project Name: King's Park Pedestrian Bridges

Location: Winnipeg, Manitoba

Owner: City of Winnipeg

Contractor: Pier Solutions (formerly Fort Richmond Construction)

Sector: Public Works

Application: Stream Crossings

Product: Two Pedestrian Bridges

Dimensions: Spans 14 and 16 m, Width 2.5 m

Installation Time: One day per bridge

Aesthetics important in choosing Algonquin over other Canadian pedestrian bridge manufacturers

The city was very concerned about the aesthetics of the new bridges as the old ones were very much a part of the cultural fabric of the park and were often the settings for graduation and wedding photos.

While the new prefabricated steel Bowstring Truss designs still carry the graceful arch aesthetic of the original bridges, their level decks will now meet city accessibility requirements. Plans are to paint the arch features on the new bridges to match the nearby Asian-teahouse-style pagoda.

Councillor Janice Lukes (South Winnipeg – St. Norbert) cut the ribbon for the first bridge at an official opening ceremony.

Algonquin worked closely with Pier Solutions early on in the tender stage to provide helpful design information and costing. This project was very much a team approach between us, as we had also worked with them on the Vermillion River Pedestrian Bridge in Dauphin, Manitoba.

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Original wooden bridges



Each bridge delivered on a flatbed trailer and installed in one day



View Time-Lapse Video of
Replacement Project