

## PROJECT PROFILE



Doon Heritage Crossroads is a pioneer village showcasing the way of life of the region's earliest settlers. The grounds are filled with preserved historic buildings that were relocated to the site, artefacts, and exhibits. A scenic stream runs through the property and it is crossed by many visitors and maintenance personnel and their vehicles year round. The existing wooden bridge was deemed un-safe to use and with peak operating season fast approaching we were awarded the contract to fabricate and install a replacement bridge. Charged with the challenge of producing a functional, durable bridge of a design complimentary to the setting, we proceeded with the design process. With an approved design in hand we fabricated a 50ft span, 16ft-7in inside clear width and a 2% camber. As stated in the

a bridge this wide must be capable of supporting a 10ton maintenance vehicle. This design had to support the massive decorative wooden structure reminiscent of the Heritage style. The bridge was constructed using self-weathering steel and it was sandblasted after fabrication. Finally, a 3" thick ACQ pressure treated Douglas Fir wood deck was installed. Our highly skilled project and site managers staged the transport and installation with their usual success. Even with an outside width of nearly 20ft, moving this monster out of our shop wasn't a challenge. Resource industrial group has the shop and the equipment and the bridge cranes to ensure your projects' success. The load was escorted to site by police where it was installed by our expert riggers and millwrights.

### CUSTOMER

The Region of Waterloo

### PROJECT

Pedestrian Bridge

### LOCATION

Doon Heritage Crossroads,  
Kitchener, Ontario

