

## PROJECT SPOTLIGHT:

### Municipality of West Nipissing - Municipalité de Nipissing Ouest - DUCK CREEK (Bridge 002) Replacement Lessard Welding 15.2 m Span x 4.67 m Wide Modular Bridge - 2018

**BEFORE**



**Photo 1:** Upstream face of existing 9.6m span stringer bridge looking North-easterly.



**Photo 3:** Downstream face of existing 9.6m span stringer bridge. Centre pile cap visible at midpoint of span. Stringer bending/distortion is also visible.



**Photo 5:** Photo showing centre pile cap and batter piles under mid span of existing bridge. Note poor condition of bridge stringers and limited clearance.

**AFTER**



**Photo 2:** Upstream face of new 15.2m span Lessard Modular bridge looking North-easterly. Additional clearance below bridge visible.



**Photo 4:** Downstream face of new 15.2m span Lessard Modular bridge. Pile cap removed as part of old bridge removal/new bridge installation.



**Photo 6:** Photo showing the clearance under the new 15.2m span Lessard Modular bridge. Remnants of batter piles and new substructure are visible.

### ADDITIONAL PHOTOS



**Photo 7:** Post pocket extensions on the new 15.2m span Lessard Modular bridge allow standard OPSD Guide Rail installation (steel rail, post and post block) without encroaching onto the bridge deck surface.



**Photo 8:** Municipal fire truck (Full of water) leaves its temporary post on the south side of the bridge (inaccessible during construction) while crew complete installation of new timber posts & steel guide rail.