

## PROJECT SPOTLIGHT:

### Ontario Ministry of Transportation - Bass Lake Bridge Replacement Project Lessard Welding 18.3 Span Modular Bridge - 2009



**Photo 1:** Logging Truck, together with Case track excavator remove decking of existing bridge, exposing decayed 300mm timber stringers.



**Photo 2:** Upstream face of Bass Lake Creek Crossing. New concrete bearing substructure is visible upper right. Old stringers provide temporary for access for construction crew.



**Photo 3:** Section 1 of new 18.3m span Lessard Modular Bridge is hoisted by 90 ton crane into position. New concrete bearing visible in foreground.



**Photo 4:** Section 1 (upstream face) is lowered carefully into position. Concrete bearing swept clear of debris prior to final section location.



**Photo 5:** Section 1 (upstream face) in final position, Section 2 of new 18.3m span Lessard Modular bridge is lowered into matching position.



**Photo 6:** Construction forces guide the tie down plates of Section 2 to the receiving plates on Section 1 and connect using structural bolts.



**Photo 7:** MTO crew and construction forces attach soil retention plates following the connection of section 1 to section 2 of the bridge.



**Photo 8:** Downstream Face of new 18.3m span Lessard Modular Bridge.