

**FULL HIGHWAY LOADING BRIDGES – MODULAR TYPE
83 TON CAPACITY
VEHICLE WHEEL LOADING CAPACITY – CL-625 ONTARIO TRUCK**

A. Economical and Certified Bridge Solutions together with Quality Control

As the attached information indicates, our Lessard single lane bridge modular superstructures are designed for full highway loading on low volume roads. They are delivered in two sections and with basic construction knowledge and equipment, can be installed and in use in a matter of hours. Our modular superstructures are a cost effective bridge solution for many industries such as the Forest, Mining and Construction as well as Rural Municipalities, Cottage Associations, OFSC Members or again simply Individual Purchasers - and are available in 20 ft., 30 ft., 40 ft., 50 ft. and 60 ft. lengths. Custom lengths are also available (see details in the Information Guide).

Lessard Modular Bridge Superstructures are designed for use on low volume roads and are certified to meet:

- The *Canadian Highway Bridge Design Code* (CHBDC) CAN/CSA-S6-14 using the Ontario CL-625 Truck Loading,
- Ontario Ministry of Transportation (MTO) 2016 "*Exceptions To The Canadian Highway Bridge Design Code (CSA S6-14) For Ontario*",
- The Ontario Ministry of Natural Resources and Forestry 2008 "*Crown Land Bridge Guidelines*"(CLBMG)

Lessard Welding is certified to CSA Standard W47.1 "Certification of Companies for Fusion Welding of Steel" in Division 2 - in accordance with the requirements of the Canadian Welding Bureau. To ensure the utmost quality control we are registered to a Quality Management System which complies with the requirements of ISO 9001:2008. (Copies of our accreditation are attached for your information.)

B. NEW - Technical Support, Construction Services and Training

Lessard Welding is no longer only a fabricator of bridge products - but is a full service partner to various industries. We are pleased to announce that after a 41 year career with the Ministry of Natural Resources and Forestry - Engineering Services Section, Tim Lee has joined the Lessard Welding team. Tim brings with him a wealth of experience having installed over 145 bridges, construction and maintenance of hundreds of kilometers of forest access roads, multiple dam reconstructions and a number of facility developments in support of MNRF aviation, forest fire fighting, fisheries and forest resources. Tim was also a designated regulator.

1. Complimentary Services

Our customers receive technical advice from our expert support staff related to the following:

- Logistics involved with bridge installations, road construction and maintenance
- Bridge superstructure span selection and hydrology
- MNRF/DFO approvals process
- Simple crossings in assembling complete information packages to obtain approvals - thereby speeding up the review time by various agencies involved

*The above services are **free of charge** to our customers and are already proving to be beneficial to our many clients across Ontario.*

2. Premium Services

In addition to the services identified above, Lessard Welding is now able to offer the following *premium services* to our valued customers on a fee for service basis:

- Field training related to visual inspections of bridges and inventory management
- Road maintenance and construction training
- Engineering and project management services

Detailed information on premium services offered by Lessard Welding is available upon request.

3. In the Works!

We are currently evaluating the possibility of offering new services.

- Short and Long Term Leasing of Bridge Solutions
- Bridge Construction and Installation Services

C. Continuing Support for Lessard Customers

1. **Bridge Re-Certifications**

We value all customers - both present and past. There may be instances where the MNRF requires a Lessard Modular bridge (that has been used at multiple locations in the past) to be recertified by a Professional Engineer before it can be re-used.

These instances could include the following:

- if a bridge was damaged during the installation or removal process
- if the bridge was fabricated prior to 1995

As part of our ongoing commitment to our customers, we are assembling a list of Professional Engineers who are familiar with our products and who can perform the re-certification for a nominal fee. Feel free to communicate with our office by email or phone to obtain a list of Engineers located near you.

2. **Bridge Rehabilitation Services at our facility**

We are also pleased to inform you that we offer low-cost bridge rehabilitation services in our facility for bridges that have minor damage or defects. These services may include minor repairs, deck and exterior cleaning or sandblasting (if required), repainting as well as bridge re-certification for installation by a Professional Engineer. For a free estimate, mail or email photos of your bridge to natalie@lessardwelding.com.

D. Supporting Information for Your Review

1. Email Introduction
2. Quote – if requested
3. Prices – Full Highway Modular
4. Guard Rail Options and Prices
5. Information Guide - Full Highway Loading Bridge – Modular Type
6. Technical Support, Construction Services and Training Information
7. Bridge Recertification and Bridge Rehabilitation Information
8. CWB – Certificate
9. CWB – Letter of Validation
10. ISO 9001-2008 – Certificate
11. About Us

Please note that the prices listed on our price list need to be reconfirmed closer to the time of order. We would be happy to provide you with a quote if needed. Prices are in Canadian dollars and are FOB our yard in Chelmsford - unless delivery is requested. Applicable taxes are extra.

E. Lessard Welding - Online Resources

Lessard Welding Website	www.lessardwelding.com
Full Highway Modular Bridge Info	www.lessardwelding.com/bridges-modular.php
Bridge Installation Animation	www.lessardwelding.com/flash/bridge_animation.htm

F. Other Bridge Products Available

1. Full Highway Loading Bridges – Stringer Type – **13' 4" wide:**
 - These structures are certified to meet loading criteria identified in the CHBDC CSA-S6-14 code, MTO 2016 code exceptions and the MNRF 2008 Crown Land Bridge Management Guidelines
 - Available in 40', 48', 56', 64', 72' and 80'

2. Full Highway Loading Bridges – Stringer Type – **16 ft. wide:**
 - These structures are certified to meet loading criteria identified in the CHBDC CSA-S6-14 code, MTO 2016 code exceptions and the MNRF 2008 Crown Land Bridge Management Guidelines
 - Available in 40', 48', 56', 64', 72' and 80'

3. Recreational Bridges – Modular Type:
 - Ideal for snowmobiles, trail groomers, ATV's and lighter traffic
 - Rated for a 10 Ton Capacity and designed for an AASHTO H20-44 Loading
 - Available in 20', 30', 40', 50' and 60'

4. Services Bridges – Modular Type:
 - Ideal for log skidders or feller bunchers, temporary equipment crossing, mineral exploration equipment and emergency equipment access.
 - Rated for a 25 Ton Capacity and designed to support a track machine weighing up to 50,000 lbs (some conditions apply)
 - Available in 20', 25' and 30'

Detailed information on these products is available upon request.

I trust the foregoing information is of benefit - please feel free to contact me directly if you have any questions or require further assistance.

Thank you for your interest in Lessard Welding!

Natalie Lessard

