

LESSARD WELDING

www.lessardwelding.com

Everything you need to know about...

Lessard's Crossing Pads

25 ton





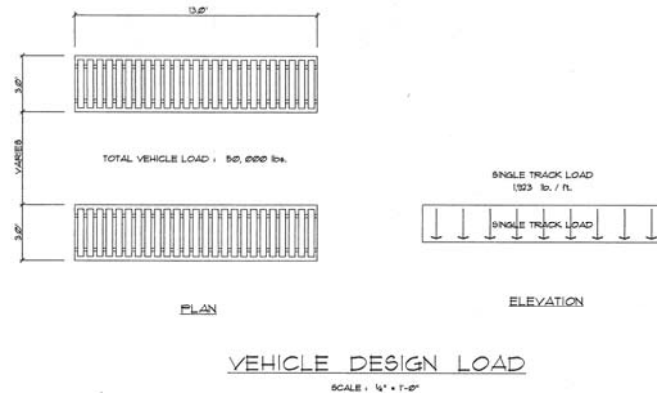
www.lessardwelding.com

Everything you need to know about...

Lessard's Crossing Pads

✓ **Certified Design & Capacity**

Our crossing pad design is certified by a bridge engineer. The capacity of our crossing pads is 25 tons for a vehicle wheel loading as shown below. A minimum of two pads must be installed to meet the 25 ton capacity. You may not use one single pad as a certified crossing.



✓ **Durability - IMPORTANT**



Lessard Bridges are designed to not only handle the certified load capacity but also to handle the heavy duty operations they will face for years to come. A cheaper bridge is not necessarily a better bridge. Cheaper products available on the market are not equipped with important design features that will enable a bridge to perform on a long-term basis. Lessard design features require extra steel such as our reinforced decking and girders. Extra reinforcing ensures a stronger bridge and a deck that will last considerably longer than our competitors.

✓ **Design & Size**



Our portable steel pads consist of 4 ft. wide pads with various options such as tapered or square ends and available in 20 ft. and 25 ft. lengths. Some choose a two pad application (most popular type) and others require a three pad application.



✓ **Low Profile**



This type of bridge is considered a low profile bridge. The site preparation to accommodate this type of bridge is easier and more cost effective. All of our available lengths measure 18" in height.



www.lessardwelding.com

Everything you need to know about...

Lessard's Crossing Pads

✓ **Reinforced girders**



Each pad is constructed of two girders. The inside of the girders are reinforced with cross members (diaphragms). The diaphragms prevent the steel girders from twisting or bending laterally outward. Without this cross bracing, the ability of the bridge to safely carry design loads may be comprised, this is especially true of older structures that have been damaged in use or have started to corrode.

✓ **Pulling and lifting lugs**



Pulling and lifting lugs are pre-welded all around the perimeter of each pad. These are extremely handy for maneuvering the bridge sections into place.



✓ **Decking**

The design and surface of our 1/4" steel checker plate decking offers many benefits.

Reinforced – Important design feature



Our 1/4" checker plate is supported by cross members every 12" right across the length of the bridge. The reinforcing prevents the decking from warping, deforming and deflecting. Without the reinforcing, the warped decking will rust and corrode much more quickly, eventually weakening the surface and rendering the bridge unsafe. Costly repairs, complete deck replacement or even complete bridge replacement may be in order.

Anti-slip Surface

An anti-slip product is applied to the surface to help prevent slips and falls from happening while working or walking across our bridges.

✓ **Serial Number**



Each bridge is assigned an individual serial number for easy tracking and record keeping. Accurate records are a requirement of the OMNR Crown Land Bridge Management Guidelines – 2008.



www.lessardwelding.com

Everything you need to know about...

Lessard's Crossing Pads

✓ **Installation Procedure**

Two pad application



Each pad is separated by the same distance that exists in between the machinery's tracks or wheels. This type of installation requires (2) tie down spacer bars to secure both sections in a safe position. This is the most popular type of installation.

Three pad application



This installation consists of three pads installed side by side to provide a 12 ft. wide surface. This procedure is mostly used for skidding. This type of installation does not require any tie down spacer bars.

✓ **Record Keeping**

Lessard Welding maintains a detailed bridge information database of all the bridges sold therefore we can offer existing bridge customers up to date information about their purchased bridges.



Letter of confirmation and other documents

Lessard Welding issues a letter of confirmation for each bridge for proper record keeping as required by the OMNR Crown Land Bridge Management Guidelines - 2008. Our letter specifies information in regards to the bridge as well as drawing information.

Along with the letter of confirmation, we also provide our customers with a copy of the structural notes, a copy of the engineer's stamp as well as a copy of the vehicle wheel loading all from the original fabrication drawing.

✓ **For more information**

Natalie Lessard
4590 Regional Road 15
Chelmsford, ON P0M 1L0

Tel: 705-855-3480
Fax: 705-855-5586
Toll Free: 888-234-3687
E-mail: natalie@lessardwelding.com
Website: www.lessardwelding.com

request **SAFETY**, request **STURDY**,
request **DURABILITY**, request **HEAVY DUTY**,
request **STRUCTURALLY SOUND**,
request a...

LESSARD BRIDGE