

THE MUNICIPAL CORPORATION OF THE TOWNSHIP OF ARMOUR

BY-LAW # 32-2015

Being a by-law to limit the gross weight of any vehicle or any class thereof passing over a bridge under the jurisdiction of the Municipal Corporation of the Township of Armour

WHEREAS Section 20(1) of the *Municipal Act*, S.O. 2001, Chapter M.25, as amended, authorizes Municipalities to pass By-laws in respect of a highway under its jurisdiction;

AND WHEREAS Section 123(2) of the *Highway Traffic Act*, R.S.O. 1990 C.H. 8, as amended, authorizes a Municipality to limit the gross vehicle weight of any vehicle passing over a bridge for which the Municipality has jurisdiction.

AND WHEREAS the Council of the Township of Armour deems it advisable to limit the weight of vehicles passing over the Proudfoot Bridge in the Township of Armour in response to the letter and direction provided to the Township by the Ministry of Natural Resources and Forestry dated July 24, 2015; refer to Schedule "A" to this By-law;

NOW THEREFORE the Council of the Township of Armour hereby enacts as follows:

- 1. No vehicle or combination of vehicles or any class thereof, whether empty or loaded, shall be operated over the Proudfoot Bridge, located on Proudfoot Road, 360 metres east of Pevensey Road, in the Township of Armour if, the gross vehicle weight exceeds the limits listed below:

<u>Configuration</u>	<u>Weight Limit</u>
Level 3 (single vehicle unit)	11 tonnes
Level 2 (two vehicle units)	16 tonnes
Level 3 (three vehicle units)	22 tonnes

- 2. This By-law shall not become effective until a notice of the limit of gross vehicle weight permitted legibly printed, has been posted in a conspicuous place at each end of the bridge.
- 3. Every person who contravenes the provisions of the By-law is guilty of an offence and on conviction is liable to a fine as provided in the *Highway Traffic Act*, R.S.O. 1990, C.H. 8, as amended from time to time.
- 4. This By-law shall be in effect for a period of 5 years from the date that the By-law is finally passed.

Read a first, second and third time, signed and the seal of the Corporation affixed thereto and finally passed in open Council this 11th day of August, 2015.

Original signed by Bob MacPhail
REEVE

Original signed by Wendy Whitwell
CLERK-ADMINISTRATOR

Ministry of Natural Resources and Forestry

Regional Services Section
Northeast Region
Regional Operations Division

Ontario Government Complex
5520 Hwy 101 East
P.O. Bag 3020
South Porcupine, ON P0N 1H0
Tel.: 705-235-1152
Fax: 705-235-1246

Ministère des Richesses naturelles et des Forêts

Section des services régionaux
Région du Nord-Est
Division des opérations régionales

Complexe du gouvernement de l'Ontario
5520, route 101 Est
C. P. 3020
South Porcupine (Ontario) P0N 1H0
Tél. : 705 235-1152
Télééc. : 705 235-1246



July 24, 2015

SENT BY EMAIL

Memo to: Leanne Crozier Clerk Treasurer, Township of Joly
Linda Maurer, Clerk/Treasurer, Township of Strong
Terry Vaudry, Manager, Snow Country Snowmobile Association

Subject: **URGENT:** Structural Review – Rock Support Inc. Portable Bridges

As you may be aware, all bridges in Ontario on Crown Land must meet the Canadian Highway Bridge Design Code (CHDBC) and the Ministry of Natural Resources and Forestry (MNRF) Crown Land Bridge Management Guideline. The CHDBC and the Guideline require bridges to be designed by professional engineers and meet certain design and construction standards.

Rock Support Inc. portable steel bridges were designed and sealed by two professional engineers from M.R. Wright & Associates. The engineers were investigated following the collapse of the Elliot Lake Mall in 2012.

As a result of this serious event and the subsequent investigation, MNRF proactively retained the services of a third-party independent engineering consultant to review all of the engineering projects the engineers were involved with for MNRF, specifically design drawings currently on file for Rock Support Inc. bridges (20 ft., 30 ft., 40 ft., 60 ft. lengths). The review focused on load carrying capacity of the bridges to meet CHBDC (CAN/CSA-S6-06) and to comply with MNRF's Crown Land Bridge Management Guidelines (2008).

The review has determined that the Rock Support Inc. bridges do not meet code standards. As owners of these bridges, you are responsible to immediately post these bridges with triple load postings or 11/16/22 Tonnes.

Once the bridges have been posted with a triple load posting (11/16/22 tonnes), the following options are available:

- Remove the RSI bridge and replace with pre-authorized superstructure
- Permanently close the crossing i.e., remove the bridge and berm the road

Further, any water crossings applications proposing to use RSI bridges will not be permitted unless the reduced load capacity is applicable for the intended use.

Questions related to the foregoing can be directed to any of the following MNRF staff:

Northeast Region:

Rob Schryburt, P.Eng. Regional Engineering Tel: 705-235-1160
Supervisor

Northwest Region:

Kelly Russell, P.Eng. Sr. Project Engineer Tel: 807-475-1590

Southern Region:

Tim Lee, C.E.T., Sr. Engineering Technologist Tel: 705-646-5551

Sincerely,

Originally Signed by:

W. Michael Cartan
Reg. Services Manager
Northeast Region

Ken Durst
Reg. Services Manager
Southern Region

Kevin Leveque
Reg. Services Manager
Northwest Region