INCREASED WEIGHT ON WIDE-BASE SINGLE TIRES AND INCREASED WEIGHT ON AXLES OTHER THAN A STEERING AXLE, FOR WIDE-BASE SINGLE TIRES HAVING A WIDTH OF 445 MM OR GREATER, ON RTAC VEHICLES OPERATING ON SPECIFIED RTAC ROUTES.

Under the authority of subsection 68(3.3) of *The Highway Traffic Act (C.C.S.M. c H60),* I order that increased tire and axle weights on Manitoba provincial RTAC routes will be permitted as follows:

TIRE, AXLE AND GROSS VEHICLE WEIGHTS

"Wide-base Single Tire" means a non-steering tire that has a width of 445 mm or more and meets the requirements of the Motor Vehicle Tire Safety Regulations, 1995 (Canada), SOR/95-148.

"RTAC Route" means a highway designated as an RTAC route in Schedule B of the *Vehicle Weights and Dimensions on Classes of Highways Regulation, MR 575/88.*

Despite subsection 25(2.2) of the *Vehicle Weights and Dimensions on Classes of Highways Regulation, MR 575/88,* the maximum permissible gross weight on a wide-base single tire on RTAC routes specified in this Order is the lesser of

(a) the rated capacity of the tire, as rated by the manufacturer of the tire; or
(b) on an RTAC Route, 10 kg per millimetre of width to the maximum noted in the tables below.

For the purpose of calculating maximum permissible gross axle weight as per clause 28(2)(b) of the *Vehicle Weights and Dimensions on Classes of Highways Regulation, MR 575/88,* the following formula applies:

(b) in the case of an axle unit (non-steering) that is equipped with wide-base tires, the applicable formula is

GAW = the lesser of PGAW or (K x N)

In this formula,

GAW	is the maximum permissible gross axle weight of the axle unit for the class of highway,
PGAW	is the maximum permissible gross axle weight for the axle unit for the class of highway as set out in the table in subsection 1(1) of this order,
K	is the maximum permissible weight per millimetre of tire width for an RTAC Route set out in subsection 1(4) of this order
N	is the number of tires on the axle unit.

Maximum permissible weights on RTAC Routes for vehicles fitted with wide-base single tires

1(1) Despite Schedule H of the *Vehicle Weights and Dimensions on Classes of Highways Regulation*, MR 575/88, the maximum gross axle and vehicle weights for vehicles, fitted with wide based tires, alone or in combination are as set out in the following table in relation to RTAC Routes:

Maximum Permissible Gross Axle and Vehicle Weights in Kilograms on RTAC routes for Axle groups equipped with wide-base single tires	
Single axle	9,100
Tandem axle	17,000
Tridem axle with a spread of 2.4 m to less than 3.0 m	21,000
Tridem axle with a spread of 3.0 m to less than 3.6 m	23,000
Tridem axle with a spread of 3.6 m to 3.7 m	24,000
Tridem drive axle - truck equipped with a tandem steering axle and tridem drive axle with an axle spread on the tridem axle of 2.4 m or more but less than 2.7 m *	21,000
Tridem drive axle - truck equipped with a tandem steering axle and tridem drive axle with an axle spread on the tridem axle of 2.7 m or more but less than 3.0 m **	22,000
Tridem drive axle - truck equipped with a tandem steering axle and tridem drive axle with an axle spread on the tridem axle of 3.0 m or more but not more than 3.1 m ***	22,000
Tridem drive axle - truck or truck tractor equipped with a tridem drive axle with an axle spread of 2.4 m or more but less than 2.7 m	21,000
Tridem drive axle - truck or truck tractor equipped with a tridem drive axle with an axle spread of 2.7 m or more but less than 2.8 m	21,000
Gross vehicle weight	62,500

*Requires a minimum wheelbase of 7.7 m
**Requires a minimum wheelbase of 7.8 m
***Requires a minimum wheelbase of 7.9 m

1(2) Despite the table in subsection (1), the maximum prescribed gross axle weights and vehicle weight of a B-train being driven on the RTAC routes and portions of RTAC routes described to in subsection (3) are as follows:

(a) for the steering axle the maximum gross axle weight is 6,000 kg;

(b) for a single axle the maximum gross axle weight is 9,100 kg;
(c) for a tandem axle the maximum gross axle weight is 17,000 kg;
(d) for a tridem axle located at the rear of the first semi-trailer the maximum gross axle weight is
(i) 21,000 kg if the axle has a spread of 2.4 m to less than 3.0 m, or
(ii) 24,000 kg if the axle has a spread of 3.0 m to 3.1 m;
(e) the maximum vehicle weight is 63,500 kg.

1(3) The RTAC routes and portions of RTAC routes to which subsection (2) applies are as follows:

Highway number or other description	**RTAC routes and portions of RTAC routes subject to special B-train weights**
PTH 1	PTH 1 from its junction with the Manitoba-Saskatchewan border to its west junction with PTH 100
PTH 1	PTH 1 from a point 5.5 km west of its east junction with PTH 100 to the Manitoba-Ontario border (City of Winnipeg boundary to Manitoba-Ontario border);
PTH 3	PTH 3 from its junction with PTH 100 to a point 8.4 km east of PTH 100 (PTH 100 to City of Winnipeg boundary)
PTH 7	PTH 7 from a point 1.5 km south of PTH 101 to its junction with PTH 101 (City of Winnipeg boundary to PTH 101)
PTH 10	PTH 10 from its south junction with PTH 16 to its junction with PTH 16A
PTH 12	PTH 12 from the north boundary of the City of Steinbach to its junction with PTH 1
PTH 16	PTH 16 from the Manitoba-Saskatchewan border to the junction of PTH 16 with PTH 1
PTH 29	PTH 29 from the Canada-U.S. border to the junction of PTH 29 junction with PTH 75
PTH 59	PTH 59 from its junction with PTH 100 to a point 1.4 km north of PTH 100 (PTH 100 to City of Winnipeg boundary);
PTH 59	PTH 59 from a point 0.3 km south of PTH 101 to its junction with PTH 101 (City of Winnipeg boundary to PTH 101);
PTH 75	PTH 75 from its junction with PTH 29 to a point 4 km south of PTH 100 (PTH 29 to City of Winnipeg boundary)
PTH 100	Entire length of PTH 100
PTH 101	Entire length of PTH 101
PTH 110	Entire length of PTH 110 (Brandon Eastern Access)
PR 204	PR 204 from a point 0.78 km south of its junction with PTH 101 to a point 2.12 km north of that junction (from the City of Winnipeg boundary to the entrance of the Imperial Oil Refinery)
PR 221	PR 221 from its junction with PTH 101 to a point 6.7 km east of PTH 101 (PTH 101 to City of Winnipeg boundary).
CentrePort Canada Way. Winnipeg and R.M. of Rosser	CentrePort Canada Way from its junction with PTH 101 to its junction with Brookside Boulevard in the City of Winnipeg

1(4) For the purpose of the formula referenced on page 1, including wide-base tires; the maximum prescribed weight per millimetre of tire width is as follows for a vehicle on a highway of the following class:

(a) On an RTAC Route, the maximum weight is 10 kg per millimetre of width.

IMPLEMENTATION DATES

The tire, axle and gross vehicle weight increases noted above in relation to wide based single tires take effect at 4:00 p.m., February 27, 2015 for a period of six months ending 4:00 p.m., August 26, 2015.

BY ORDER

original signed by

Date: ___original signed by_____ _____

Lance R. Vigfusson
ASSISTANT DEPUTY MINISTER
ENGINEERING & OPERATIONS