

Chapter Trans 214

TOWN ROAD BRIDGE STANDARDS

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Trans 214.01 Purpose. The purpose of this chapter is to provide uniform minimum design standards for the improvement of town road bridges in accordance with ss. 82.50 and 82.51, Stats.

History: Cr. Register, March, 1982, No. 315, eff. 4-1-82; corrections made under s. 13.92 (4) (b) 7., Stats., Register March 2012 No. 675.

Trans 214.02 Applicability. This chapter applies to improvements on all highway bridges for which a town has the responsibility of maintenance.

History: Cr. Register, March, 1982, No. 315, eff. 4-1-82.

Trans 214.03 Definitions. In this chapter:

(1) “ADT” means average daily traffic, calculated as the annual average number of vehicles traveling over a particular portion of highway within a 24-hour period.

(2) “Bridge design load” means the maximum vehicle loading that a bridge is designed to accommodate without exceeding the allowable working capacity of any structural member or group or system of structural members.

(3) “H-15” means the gross vehicle load imposed by a standard four-wheel truck weighing 15 tons including cargo.

(4) “H-20” means the gross vehicle load imposed by a standard four-wheel truck weighing 20 tons including cargo.

History: Cr. Register, March, 1982, No. 315, eff. 4-1-82.

Trans 214.04 Minimum design standards. The following minimum standards for bridge design load and bridge width are established for improvements on town road bridges:

TRAFFIC VOLUME	BRIDGE DESIGN LOAD	BRIDGE WIDTH
(1) Under 250 ADT	H-15	24 feet
(2) 251 to 400 ADT	H-20	26 feet
(3) 401 to 1,000 ADT	H-20	28 feet
(4) 1,001 to 2,400 ADT	H-20	30 feet
(5) Over 2,400 ADT	State Trunk Highway Standards	

Note: Information on state trunk highway design standards may be obtained from the DOT Division of Highways and Transportation Facilities, P. O. Box 7916, Madison, Wisconsin 53707.

History: Cr. Register, March, 1982, No. 315, eff. 4-1-82.