

## 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.