

TOWN OF LESSOR
ORDINANCE #6-96
MINIMUM HIGHWAY DESIGN STANDARD

The Town Board of Lessor, Shawano County, does ordain as follows:

1.01 **TITLE.** Minimum Highway Design Standards

1.02. **PURPOSE.** To establish minimum highway design standards for highways being constructed in the Town to accommodate anticipated traffic and afford satisfactory access to police, firefighting, snow removal, sanitation, and road maintenance equipment.

1.03. **APPLICABILITY.** This ordinance shall be applicable to all highways laid out by the Town Board after adoption of this ordinance, including any highways dedicated in plats for proposed subdivisions submitted for review pursuant to Chapter 236 of Wis. Stats., any private highway being donated to the Town, and any other highways being accepted by the Town as public highways in the Town.

1.04 **DEFINITIONS.**

- a. Approach - that portion of road extending 100 feet on each side of a culvert or bridge.
- b. Base Course - the supporting base material of the roadway, including shoulder.
- c. Drainage - the gradual drying of highway by system of ditches, trenches, channels, etc.
- d. Grade - the rate of ascent or descent of roadway.
- e. Highway - the road or way over which the public generally has a right to pass, to include the complete right-of-way.
- f. Road Bed - the whole material laid in place and ready for travel.
- g. Roadway - the traveled portion of the highway.
- h. Surface - the top of the roadway, or traveled surface.

1.05. **MINIMUM ROAD DESIGN STANDARDS. (See Attached Drawing).**

- a. Minimum right-of-way shall be 4 rods wide.
- b. Minimum width of base course, including shoulders, shall be 30 feet.
- c. Shoulders shall be 4 feet wide; bituminous aggregate shall be 22 feet.
- d. Ditches shall be sloped at a ratio of 3:1.
- e. All organic material shall be removed and filled in with material of a quality, thickness and composition suitable for the location.
- f. Road surface shall be 6" compacted broken rock and 6" compacted gravel.
- g. Shoulders shall be crushed aggregate brought up to road level.
- h. Surface Course must consist of either crushed aggregate or bituminous concrete composition suitable for anticipated traffic loads. The minimum amount of gravel necessary for acceptance must be at least 600 yards per mile. The minimum amount of pavement necessary for acceptance must be at least 2-1/2" in thickness applied in two layers.
- i. The ditching of the roadway must be complete and have proper elevation to provide for adequate drainage. Any culverts necessary for proper drainage shall be installed after elevation and location is obtained from the Town Board. The minimum length of any culvert installed in a road bed shall be at least two feet greater than the base course width. Apron end walls shall be used. The diameter and length will be subject to the approval of the Town Board, after the amount of the flowage is determined. In no case shall the culvert be less than 18" in diameter.