

Town of Arcadia Ordinance No. 1998.1

Policy for Minimum Highway Design Standards

WHEREAS, it is in the public interest for the Town of Arcadia, Trempealeau County, 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:

NOW, THEREFORE IT IS HEREBY ORDAINED BY THE TOWN BOARD OF SUPERVISORS OF THE TOWN OF ARCADIA, TREMPEALEAU COUNTY as follows:

SECTION 1.

Definitions

In order to clarify this ordinance, the following definitions are applicable:

- 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 the 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.

SECTION 2.

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 Wisconsin Statutes, any private highways being donated to the town and any other highways being accepted by the town as public highways in the town.

SECTION 3.

Minimum Road Design Standards

The following minimum design standards shall apply under this ordinance. All town highways shall be classified as local roads unless designated by the town board as collector or arterial.

The classification of all roads under this ordinance shall be within the complete discretion of the town board considering such factors as traffic count, character of anticipated traffic and relation of highway to traffic patterns within the town and other highway systems.

It is intended that local be the lowest traffic count with access to private property as the principal function.

Collector highways are intended to be highways acting as collectors from local roads to higher priority roads or developed areas.

Arterials are intended to serve as corridors through the town serving intra-regional and inter-area traffic movement.

Base Course

Residential:

Base Course shall consist of crushed aggregate or bituminous concrete composition suitable for anticipated traffic loads compacted to 6 inches.

Commerical/Industrial:

Base Course shall consist of crushed aggregate or bituminous concrete composition suitable for anticipated traffic loads compacted to 8 inches.

SubBase Course

Subbase Course shall consist of sand compacted to 12 inches

Asphalt Pavement

Residential:

One - two inch (2") lift

Commerical/Industrial:

Two - one and one-half inch (1 1/2") lifts

Grade

The roadway grade may not exceed 10% at any point.

Shoulders

A two foot shoulder is required on each side of the roadway

Ditching and Culverts

The ditching of the roadway must be completed and have proper elevation to provide for adequate drainage.

Any culverts necessary for proper drainage shall be installed after elevation 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.

Bridges

All bridges shall meet the minimum requirements of state and federal law. In the event, it is decided by the town board that the construction of a bridge would be of a size and cost that would create a hardship to the owner of the land required to build the bridge, then the town board may proceed to accept the road, complete as required above, except that part extending 100 feet on each side of the bridge. This portion of the road shall be known as the approach. The approach will be accepted uncompleted with the reservation that the town will bill back to the owner a portion of the cost of construction of the bridge. The town will proceed to build the bridge and approach with the help of bridge aid available and bill the balance not covered by the aid or the portion to be billed back to the owner.

SECTION 4.

Authority for Higher Standards

The road design standards in Section 3 as stated above are intended to be minimum design standards.

The town board shall have the discretion to impose higher design standards where in the opinion of the town board local conditions require higher standards or anticipated traffic in quantity or quality will require higher standards.

SECTION 5.

Application for Determination of Applicable Standards

Any person may apply to the town board to determine what design standards should apply in a particular location, giving the description of the proposed highway and proposed design standards being requested to be approved.

The Town of Arcadia Board of Supervisors may at their discretion allow extensions to existing town roads to match certain features of that road which do not meet all of the current road specifications as spelled out in this ordinance.

These features may include but are not limited to:

- widths,
- surface type
- shoulders, etc.

No person shall commence construction of any highway anticipated to be turned over to the town without having written approval of the proposed highway design by the town board.

SECTION 6.

Final Inspection and Acceptance by the Town Board

Upon completion of the proposed highway, the town board will proceed to make final inspection, accepting or rejecting the highway as the case may be in the discretion of the town board.

If the highway is rejected, corrections must be made as stated by the town board before final inspection will be made again.

If final acceptance is made by the town board, the owner or owners will turn over to the town a warranty deed free and clear of any liens necessary to convey free and clear title to the town for the highway.

As revised by the Town of Arcadia Board of Supervisors this 15th day of May, 2006.

Filed in the Office of the Town Clerk this 15th day of May, 2006

Ronald F. Tuschner, Town Chairman, 2006

Michael Wineski, Town Supervisor

Ivan T. Pronschinske, Town Supervisor

James D Andre, Town Clerk