

TOWN OF FIFIELD
ORDINANCE NO. 87 REVISED
ROAD STANDARDS

Section I. PURPOSE.

The intent of this ordinance is to repeal Ordinance No. 40 and replace it with this Ordinance No. 87 establishing standards for new roads and streets that are to be maintained by the Town.

Section II. ROAD PLACEMENT

It shall be the responsibility of the developer and/or contractor to make sure that the proposed road is constructed in the proper location. When the right-of-way is of the easement type right-of-way and the road is to be used as a property line between properties, then the center of the road will be centered on the property line. Or in the case of deeded easement type right-of-way, then the road must be centered in the right-of-way. Once the road is constructed and finished to Town of Fifield specifications, and the Town of Fifield has accepted the finished road, any problems that may occur over the road location will be the responsibility of the property owners affected by this discrepancy and the affected property owners shall bear the financial cost to survey and try and correct this problem. The Town of Fifield shall be held harmless for all costs associated with improper road location.

Section III. DESIGN

Before any construction can begin the Town of Fifield must be presented a plan of the proposed road. The design geometry of the proposed road must not exceed the following:

1. any grade must not be any steeper than 8%
2. The curvature of any curve must not exceed 12 degrees.

It shall be the responsibility of the developer and/or contractor to apply for and receive all permits required to construct the proposed road. Also, the developer and/or contractor must follow all DNR and WisDOT environmental rules and regulations during construction.

Section IV. RIGHT-OF-WAY

The total right-of-way width for all new town roads must be 66 feet. All trees, stumps, brushes, shrubbery and any rock eight inches and larger must be removed from the total right-of-way area. None of this type of material can be buried in the right-of-way: this material must be hauled away and disposed of elsewhere. After the completion of the road construction project, the planting of trees or shrubbery in the right-of-way will not be allowed. If trees or shrubbery are planted or allowed to grow on the right-of-way by the property owner, the Town of Fifield reverses the right to remove them at the Town's discretion.

The only permanent structures that can be placed in the right-of-way will be power poles, telephone pedestals, fire hydrants, and other necessary utility structures. Any of the previously listed utility structures must be located at a minimum of 15 feet from the outside edge of the shoulder of the road. Also, any of these structures must be placed in such a manner as to not interfere with the working of any ditch or culvert.

Mailboxes and Fire Number signs will also be allowed in the right-of-way. Mailbox and post must be of an approved type. The maximum mailbox post size will be four-inch by four-inch wooden post or two-inch diameter steel post with a 1/16-inch wall thickness. Fire number signs will be placed on the right-hand side of the driveway at the edge of the right-of-way.

Section V. ROAD SUB-BASE AND BASE

The complete paved surface and shoulders of the proposed road must be a minimum of 27 feet in width. The sub-base must be constructed wide enough to achieve this finished width of 27 feet. The sub-base under the paved surface and the shoulders will be of the same material to keep the shoulders from separating from the road. If the native soil under the proposed road is of a sandy or gravelly type of soil, it is acceptable to construct the sub-base from this material. If the native soil is poorly drained, is too low, or is too unstable to support the road, then geo-textile fabric must be used in these problem areas. Then a gravelly or sandy type of lift material will need to be hauled in and be used to form the sub-base. These lifts need to be a minimum of 24 inches thick.

All top-soil and any other organic material must be removed from the proposed roadbed. This material may be used as a fill in the construction of ditches. All rocks six inches and larger that are in the top 24 inches of the sub-base and under the paved portion and shoulders of the roadway must be removed. The finished subbase will be shaped to a 3% crown. Before proceeding to the next phase of the road construction, the Town of Fifield Road Superintendent must approve of the sub-base construction.

Depending on the type of material in the sub-base and upon the recommendation of the Town of Fifield Road Superintendent, a minimum of six inches, after compaction, of crushed gravel will be placed on top of the sub-base and shaped to a 3% crown. This six-inch layer of compacted crushed gravel will have a minimum width of 26 feet. The crushed gravel used for this must meet WisDOT Grade 2 Base Course specification.

Section VI. DITCHES

All ditches will be of a "V" style and must have a minimum depth of 18 inches, as measured from the height at the outside edge of the shoulder of the road. The slope of the in-slope of the ditch must be great enough to allow water to drain from the outer edge of the shoulder to the bottom of the ditch. The bottom of the ditch must be a minimum of eight feet from the outside edge of the shoulder of the road. Ditches must be constructed in such a manner so that water is not trapped in the ditch. Water must flow through the ditches and flow off of the right-of-way. Back slopes must not be steeper than a 2-to-1 slope. It will be the responsibility of the developer and/or contractor to get permission of neighboring landowners to do the necessary dirt work outside of the right-of-way to achieve this back slope.

Ditches that run down a steep grade, run into wetlands, or into an existing waterway must use a proper erosion control fabric and silt fencing. After the ditches are completed, they need to be seeded and mulched. A seed mix containing approximately 40% Creeping Red Fescue, 30% Perennial Ryegrass, 20% Red Clover and 10% Birdsfoot Trefoil is to be used. This seed mix should be planted after May 1st but no later than October 1st. It shall be seeded at a rate of 50 lbs per acre and have a cover crop of oats or winter rye at a rate of 80 lbs per acre. A broadcast type seeder should be used to spread the seed in the ditches and then the seeded site should be dragged to cover the seed with a 1/2 inch to 1 inch covering of dirt. Hay or oat straw can be used for mulch. The mulch should be applied so that it is thick enough to cover seed but not too heavy to smother the seed.

Section VII. CULVERTS

All cross culverts to be used in the drainage plan of the road must be installed so as to have a minimum of 18 inches of cover over the top of culvert. Culverts must be installed so that the bottom of the inside of the culvert is even with the bottom of the ditch line. If the native soil removed for the installation of a culvert is of a

sand and gravel type, then this native soil should be used to backfill the culvert. If the native soil is of a marshy type of soil found in most wetlands, then a sand and gravel type material must be brought in to backfill the culvert. Also, in these marsh type soils, an extra twelve inches of soil must be excavated from under the culvert so that a twelve-inch layer of sand and gravel type material can be placed under the culvert. Rocks larger than two inches must not be used in the backfilling of the culvert so as to prevent damage to the culvert. The material used in the backfilling of the culvert must be compacted with a vibration type compactor. This material should be compacted in the maximum twelve-inch-thick layers.

The minimum diameter of culvert that can be used is a fifteen-inch round. End walls must be used on both ends of all culverts. The length of the culvert to be used is dependent of width of the road from ditch bottom to ditch bottom and the placement of the end-walls, so that the finished culvert blends into the in-slope on both sides of the road. Culverts must be either concrete or double wall plastic type. Culvert placement, size, length, and diameter are dependent on approval by the Town of Fifield Road Superintendent.

Section VIII. ROAD SURFACE

After the road is graveled, before the road can be paved, it must be allowed to settle over one winter season. This will allow for the proper settling on culverts, lifts, any other excavations that were necessary in the construction of the sub-base of the road, and to detect any other problems which may arise during spring thaw. If the road meets the approval of the Town of Fifield Road Superintendent, it can then be paved.

The finished road surface must have a minimum three- and one-half inch thickness, after compaction, of WDOT approved hot mix asphalt. The asphalt surface must be paved in two separate lifts of one- and three-quarter inch layers. The asphalt surface of the roadway will be a minimum of twenty-one feet wide. The asphalt surface of the road must not be paved in one twenty-one-foot pass; rather it must be paved in two ten foot six inch wide passes: this is to ensure that the proper crown is maintained. The asphalt surface must be finished to a 3% slope, from each side of the center of the road. There shall be a minimum of a three-foot gravel shoulder on each side of the asphalt surface. The gravel used for the shoulders should be of the same quality and meet the same specification as the road base. The shoulder can have a 3% to 5% slope from paved edge of road.

Section IX. CUL-DE-SAC

The diameter of the paved portion of a cul-de-sac must be a minimum of one-hundred feet. There will also be a minimum of a three-foot gravel shoulder around the outside edge. The sub-base, base, and pavement for the cul-de-sac shall be constructed to the same specifications as the other portions of the road. However, the slope does not need to be at 3%, the slope does need to allow for the proper drainage of the cul-de-sac.

Section X. DRIVEWAY APPROACHES

Driveway approaches shall be constructed in such a manner so that water does not flow out of the driveway onto the road. To achieve this, at the point where the driveway meets the road, the surface of the driveway must follow the slope of the road for a minimum of six feet from the outside paved edge of the road before the pitch of the driveway may go uphill. Minimum driveway culvert length is thirty feet, with a minimum culvert diameter of twelve inches. The minimum cover over the top of the driveway culverts is twelve inches. End walls must be used on both ends of the culvert. It is acceptable to use either galvanized steel or double wall plastic type culverts.

Section XI. ROAD SIGNS

It will be the responsibility of the developer and/or contractor to ensure that all road signs as required by the current Wisconsin State sign codes are in place before the Town of Fifield will accept any new road. Included in these signs are the proper size road name, proper speed limit, dead end, and end of road signs.

Section XII. MODIFICATIONS

The Town of Fifield reserves the right to modify the specifications set forth herein as allowed by Wisconsin State Statutes or as required by the Wisconsin Department of Transportation. If the specifications are to be modified, both the Town of Fifield and the Developer/Contractor must agree to the changes in writing.

Section XIII. SEVERABILITY

The provisions of this ordinance shall be deemed severable, and it is expressly declared that the Town of Fifield Board would have passed the other provisions of this ordinance irrespective of whether or not one or more provisions may be declared invalid. If any provision of this ordinance or the application to any person or circumstances is held invalid, the remainder of the ordinance and the application of such provisions to other persons or circumstances shall not be affected.

Section XIV. EFFECTIVE DATE.

This Ordinance shall take effect immediately upon passage and posting (or publication) as provided by law,

Adopted on the 4th day of March 2025.

By the Town Board of the Town of Fifield:

ATTEST:

I, Angie Richardson, Fifield Town Clerk, do hereby attest that the above Ordinance No. 87 was revised and adopted by the Town Board of Fifield, Price

County on March 4 2025 and posted in three places on March 6 2025.

Angie Richardson. Town Clerk

William A. Felch, Chairman

John Smith, Supervisor

John Schroeder, Supervisor