

Title 6 ► Chapter 4

Driveways; Culverts

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Sec. 6-4-1 Culvert Requirements.

No person shall construct any driveway or private road in a public right-of-way of the Town of Friendship without installing a culvert in full compliance with this Section. Included within the scope of this requirement are commercial driveways.

Sec. 6-4-2 Driveway and Culvert Location, Design and Construction Requirements.

- (a) General Requirements. The location, design and construction of driveways shall be in accordance with the following:
 - (1) General Design. Private driveways shall be of such width and so located that all of such driveways and their appurtenances are within the limits of the frontage abutting the street of the property served. Driveways shall not provide direct ingress or egress to or from any street intersection area and shall not encroach upon or occupy areas of the street right-of-way required for effective traffic control or for street signs or signals. A driveway shall be so located and constructed that vehicles approaching or using it shall have adequate sight distance along the street. Driveway approaches shall be at least ten (10) feet apart except by special permission from the Town Board, and driveways shall in all cases be placed wherever possible as not to interfere with utilities in place.
 - (2) Island Area. The island area in the street right-of-way between successive driveways or adjoining a driveway and between the highway shoulder and right-of-way shall constitute a restricted area and may be filled in and graded only as provided in Subsection (5).

- (3) **Driveway Approach to Town Road.**
 - a. The apron from the center of the culvert to the road pavement must have a minimum of a three (3) feet to ten (10) feet taper on each side of the apron. Example: If the distance from the center of the culvert to the pavement is ten (10) feet, then the apron must be three (3) feet wider on each side than the width at the culvert. (See diagram below.)
 - b. The sides of the apron, at least to the culvert, should be beveled down to grade so as to have no abrupt surface that could damage a snow plow or create a hazard to any vehicle that should travel off the pavement.
 - c. No barricade, fence or guard that extends higher than the roadbed may be constructed in the area from the pavement to the center of the culvert.
- (4) **Restricted Areas.** The restricted area between successive driveways may be filled in and graded only when the following requirements are complied with:
 - a. The filling or draining shall be to grades approved by the Town Engineer and, except where highway drainage is by means of curb and gutter, water drainage of the area shall be directed away from the street roadbed in a suitable manner.
 - b. Culvert extensions under the restricted area shall be of the same size and of equivalent acceptable material as the culvert under the driveway. Intermediate catch basins are required where the total culvert length is greater than three hundred (300) feet and/or where a bend or curve in the pipe is required.
 - c. Where no street side ditch separates the restricted area from the street roadbed, permanent provision may be required to separate the area from the street roadbed to prevent its use for driveway or parking purposes by construction of a border, curb, rail or posts as may be required by the Town Board.
- (5) **Relocation of Utilities.** Any costs of relocating utilities shall be the responsibility of the property owner with approval of the Town Board necessary before any utility may be relocated and the driveway installed.
- (6) **Variances.** Any of the above requirements may be varied by the Town Board in such instances where the peculiar nature of the property or the design of the street may make the rigid adherence to the above requirements impossible or impractical.
- (b) **Special Requirements for Commercial and Industrial Driveways.** The following regulations are applicable to driveways serving commercial or industrial establishments:
 - (1) **Width of Drive.** No part of a private driveway located within the dedicated area of a public street shall, except as hereinafter provided, have a width greater than thirty (30) feet measured at right angles to the center line of said driveway, except as increased by permissible radii. In instances where the nature of the commercial or industrial activity or the physical characteristics of the land would require a driveway of greater width than herein specified, the Town Board in its discretion may permit a driveway of additional width.
 - (2) **Angular Placement of Driveway.** The angle between the center line of the driveway and the curb line or road edge shall not be less than 70°.

- (c) **Special Requirements for Residential Driveways.** The following regulations are applicable to driveways serving residential property:
- (1) **Width.** Unless special permission is first received from the Town Board, or committee thereof, a residential single-type driveway shall be no greater than twenty-six (26) feet wide at the curb line or pavement edge and eighteen (18) feet wide at the outer or street edge of the sidewalk; residential double-type driveways shall be no greater than twenty-six (26) feet wide at the curb line and twenty-four (24) feet wide at the outer or street edge of the sidewalk.
 - (2) **Angular Placement.** The center line of the drive may be parallel to the property line of the lot where access is required or at right angles to the curb line or pavement edge.
- (d) **Prohibited Driveways and/or Filling.**
- (1) No person, firm or corporation shall place, construct, locate in, or cause to be placed, constructed or located in, any obstruction or structure within the limits of any public road, highway or street in the Town of Friendship except as permitted by this Section. As used herein the word "structure" includes private driveways, a portion of which extends into any public road, highway or street, and which is in non-conformance with this Chapter.
 - (2) No driveway shall be closer than twenty-five (25) feet to the extended street line at an intersection. At street intersections a driveway shall not provide direct ingress or egress to or from the street intersection area and shall not occupy areas of the roadway deemed necessary by the Town for effective traffic control or for highway signs or signals.
 - (3) The grade of that portion of any private driveway located within the limits of any public road, highway or street shall be such as shall meet the grade of the existing public roadway at its edge and not cause an obstruction to the maintenance or clearing of such public roadway.
 - (4) Drainage from driveways shall run into adjacent ditches and not onto the road pavement.
 - (5) Filling of ditches and/or culverts located within a public right-of-way is prohibited without written approval from the Town.
 - (6) The placement of lawn sprinkler pipes in a road right-of-way is prohibited.
- (e) **Culvert Construction Standards.**
- (1) **Size.** Culverts shall be installed prior to construction work being commenced on the property served. Culvert size shall be determined by the Town Board. All culverts shall be constructed of galvanized steel or reinforced concrete, and shall be of new manufacture, unless specifically excepted by the Town Engineer.
 - (2) **Gauge.** The minimum wall thickness for galvanized steel pipe culverts shall be in accordance with the following:

<i>Pipe Diameter</i>	<i>Gauge</i>
15 to 24 inch	16
30 to 36 inch	14
42 to 54 inch	12
60 to 72 inch	10
78 to 84 inch	8

The class of reinforced concrete pipe shall be in accordance with the following:

<i>Height of Cover</i> (in feet)	<i>Class of Pipe</i>
0-2	IV
2-3	III
3-6	II

- (3) **Drainage.** The culverts shall be placed in the ditchline at elevations that will assure proper drainage.
 - (4) **Backfill Material.** Material used for backfill shall be of a quality acceptable to the Town Engineer and shall be free from frozen lumps, wood, or other extraneous or perishable materials. The minimum cover, measured from the top of the pipe to the top of the subgrade, shall be six (6) inches.
 - (5) **Erosion Control.** Erosion control measures shall be implemented as necessary to control erosion, or as directed by the Town Engineer.
 - (6) **Cost.** The property owner shall install the culvert and be responsible for the cost thereof.
 - (7) **Appeal.** Persons may request a variance from the culvert requirements of this Section by filing a written appeals request with the Town Clerk, who shall place the matter as an agenda item for the Town Board's next meeting. The Town Board may only waive the requirement for a culvert upon a finding that unique physical characteristics of the location in question render a culvert unnecessary. The Town Engineer may be asked to render an opinion on the request.
- (f) **Enforcement.** All costs incurred by the Town relating to the enforcement of this Chapter or in making the determinations or inspections necessary hereunder shall be paid by the property owner, including, but not limited to, Town administrative costs and engineers' and attorneys' fees. Such costs shall be payable from the permit fee established in Section 6-4-1(c)(3) above. If a property owner refuses to comply with the Chapter, the Town may install the culverts and charge back the cost or additional cost thereof as a special charge pursuant to Sec. 66.60(16), Wis. Stats.

Sec. 6-4-3 Removal of Snow and Ice on Sidewalks

1. **Purpose and Intent.** It is the declared intent of this ordinance to regulate the removal of snow and ice on public sidewalks located within the Town of Friendship. This ordinance is adopted pursuant to the Town's police powers established under Chapter 60 of the Wisconsin Statutes and the Town's Village powers established under Chapter 61 of the Wisconsin Statutes.
2. **Removal of Snow and Ice on Sidewalks.**
 - (a) The owner or occupant or person in charge of each lot or part of lot within the Town fronting or abutting on a sidewalk shall, within 24 hours after the cessation of each snowfall, remove all ice and snow which may have fallen or accumulated upon the sidewalk under his/her care, including crosswalks and handicapped accessibility ramps if the property is a corner lot. When ice is so formed upon any sidewalk that it cannot be removed, such person shall keep the same sprinkled with sand, salt or other abrasives in a manner as to prevent the sidewalk from being dangerous for pedestrian travel, and as soon as weather permits, cause such sidewalk to be thoroughly cleaned. The obligations covered by this ordinance include the removal of snow and ice that may have drifted overnight, that may have been plowed or that may have splattered onto sidewalks from the adjacent street. Failure to remove snow and ice accumulations shall be deemed a violation of this section and shall be punishable by the payment of a forfeiture provided below. In addition, the violator is subject to the charges specified in Section (b) below.
 - (b) In the event of the failure of any person to clean or sprinkle sidewalks as provided in sub (a) above, the Town Board shall cause such sidewalks to be cleaned or sprinkled at their discretion. The Town Board shall keep an accurate account of the expenses of removing the snow and ice and report the same to the Town Treasurer, who shall report to the Town Board and cause a reasonable charge to be inserted in the tax roll against the property and the same shall be collected in the manner as other special assessment taxes upon real estate as provided in Wis. Stat. § 66.0907, as amended.
3. **Forfeitures.** Any person who shall violate any provision of this ordinance shall, upon conviction thereof, forfeit not less than \$25 nor more than \$35, together with the costs of prosecution. Each day that a violation continues shall be considered a separate offense. The preceding forfeitures are in addition to the charges specified in Section 2(b) above.