

## CHAPTER IV

### DEDICATION AND CONSTRUCTION OF STREETS AND ROADS

#### SECTION 4.00. Definitions.

4.01. Street. The term "street" means a public way for pedestrian and vehicular traffic whether designated as a street, highway, thoroughfare, parkway, throughway, road, avenue, boulevard, lane, place, or however otherwise designated.

4.03. Other Terms. All other pertinent terms shall be as defined in Chapter 236 of the Wisconsin Statutes as revised and amended, from time to time.

SECTION 4.10. Acceptance of Streets. The Town Board shall not accept any street for dedication or otherwise unless such street meets the requirements of this Chapter and unless such street is eligible for highway aids as determined by the State of Wisconsin, Department of Transportation.

SECTION 4.20. Adoption of Wisconsin Statutes and Land Division Ordinance. Except as otherwise properly provided in this Chapter, the provisions of Chapter 236 of the Wisconsin Statutes, as amended from time to time, and any land division ordinance, as amended from time to time, are hereby adopted by reference and made a part of this Chapter.

SECTION 4.30. Subdivisions. A subdivider shall construct and install all streets dedicated or provided for in such subdivision in accord with the standards for such streets as specified herein or as otherwise specified by the governmental units with jurisdiction over such streets.

#### SECTION 4.40. Street Design.

4.41. General: Streets shall be designed and located in proper relation to existing and proposed streets, to the topography, to such natural features as streams and tree growth, to public convenience and safety, to the proposed use of the land to be served by such streets, and to the most advantageous development of adjoining areas.

4.42. Minimum Requirements. The following minimum requirements shall be met by the subdivider or other person petitioning for the acceptance of a street before such street may be accepted by the Town:

- a. The right-of-way allowance for all streets shall be a minimum of 66 feet.

- b. The subdivider or petitioner desiring acceptance of a street shall submit proper legal descriptions of all said streets to the Town Board together with profiles and cross-sectional drawings indicating to the approval of the Town Board that the street will be constructed in accordance with the requirements herein contained. Upon approval of the lines and grades of the proposed streets by the Town Board and the Town Engineer, the streets shall be constructed to a permanent line and grade to accommodate all future street improvements.
- c. The center of the street is to be the center of the land dedicated for highway purposes. There shall be a minimum of 40 feet in width from the bottom of the center ditch lines on each side of the street. The grade of a street shall not exceed 10% at any point. The street subgrade shall be at least 36 feet in width and shall be surfaced in accordance with Attachment 2 incorporated herein by reference. In addition to and notwithstanding the above requirements, all streets shall consist of a minimum of 22-foot width paved driving surface with a minimum 3-foot gravel shoulder on each side; said driving surface to be as set forth in Attachment 1 which is incorporated herein by referenced. The time for priming and surfacing said streets as above provided shall be set at the discretion of the Town Board except the gravel subbase shall be left exposed to the elements for one year before application of bituminous pavement.
- d. The elevations of streets passing through flood land areas shall be at least 18 inches above the 50-year recurrence interval flood elevations.
- e. The drainage ditches on each side of the street shall have side slopes of at least 4 foot horizontal for every foot of vertical. Top soil, sod and vegetation shall be stripped and removed from the street section before placing the base course. Soft, mucky soil, peaty material and similar unsuitable material shall be removed and replaced with sound fill materials. If additional base course is required before final acceptance because of improper placement, grading, compacting or settling, the same shall be furnished and installed to the satisfaction of the Town Board and Town Engineer. When initial grading operations are completed on any proposed town street and prior to the placement of any gravel, the Town Board shall be notified at least seven (7) days in advance to inspect the site and determine the type of treatment required to maintain the slopes. All disturbed areas within the



right-of-way outside of the shoulders of the street are to be retopsoiled with a minimum of 4 inches topsoil, fertilized and grass seeded to the satisfaction of the Town Board.

f. On dead-end roads, the Town Board shall have the option of requiring either:

1) A turn-around or cul-de-sac with a paved surface of 200 feet in diameter, or less at the discretion of the Town Board, which shall be graded, sloped and surfaced in the same manner as required for streets. Gravel shoulders 3 feet in width shall be placed around the cul-de-sac or turn-around.

2) A "T" with such dimensions and of such construction as required by the Town Board from time to time in consideration of the particular street and the probability that future street construction will emanate from said dead-end location; in determining the dimensions of such "T," the Town Board shall consider as standard an additional 33-foot square right-of-way on each side on the end of the original 66-foot right-of-way.

g. If curb and gutter is utilized, it shall be installed in accordance with Attachment 3 in incorporated herein by reference. The street width shall be a minimum of 36 feet face of curb to face of curb.

4.43. Street Signs and Guard Rails. Street signs shall, at the option of the Town Board, be obtained by the Town and placed by the Town and the cost of the same shall be paid for by the subdivider or petitioner. Guard rails, where necessary or required, shall be placed along the street at such locations as are ordered by the Town Board and the cost paid by the subdivider or petitioner.

4.44. Culverts. Wherever the contours of the land make it necessary that drainage or surface waters be carried across any street or other public way, a culvert approved as to size, length and grade by the Town Board shall be installed; in no case, however, shall any culvert be less than 15 inches in diameter nor less than 40 feet in length, except that driveway culverts may be not less than 22 feet in length.

4.45. Material Specifications. Standard specifications for bituminous concrete pavement materials (attachment No. 1) and specifications for the construction of bituminous concrete pavement (attachment No. 2) shall be followed for all Town road

construction. These specifications may be modified from time to time by resolution of the Town Board upon recommendation of the Town Engineer.

4.46. Subdivisions Prior to 1980. Notwithstanding the foregoing requirements as to road design and right-of-way width, the following minimum requirements shall apply to acceptance of road right-of-ways in subdivisions platted prior to 1980:

- Two-way roads shall have a right-of-way of at least 56 feet and there shall be a minimum of 38 feet in width from the bottom of the center ditch lines on each side of the road. The road bed shall be at least 26 feet in width, consisting of a minimum 20-foot paved surface, with a minimum 3-foot shoulder on each side thereof.
- One-way roads shall have a right-of-way of at least 50 feet and there shall be a minimum of 32 feet in width from the bottom of the center ditch lines on each side of the road. The road bed shall be at least 20 feet in width, consisting of a minimum 16-foot driving surface, with a minimum 2-foot shoulder on each side thereof.

SECTION 4.50. Cost of Street Construction. All streets to be constructed or accepted in accordance with the provisions of this ordinance shall be so constructed at the sole expense of the subdivider or other person petitioning for the acceptance of such street. The Town Board, as a condition precedent to the acceptance of the subdivision and streets as aforesaid, may require the subdivider or petitioner to file a performance bond with the Town Clerk guaranteeing compliance with the terms and conditions of this ordinance.

SECTION 4.60. Final Acceptance of Street.

4.61. Time. Final inspection and approval of the completed street will not be given until at least fourteen (14) days from the completion of surfacing said street with bituminous concrete pavement as provided herein.

4.62. Requirements. No street shall be accepted by the Town Board unless the subdivider, owner or petitioner:

- a. At his own expense, furnishes the Town Board with a plat showing such street and any drainage easements together with a deed granting title to such land to the Town, or a document dedicating such land for highway purposes, or granting an easement therefor. Such deed or easement shall contain an accurate legal description of the realty affected and shall be executed in recordable form. The Town Board may also require a certified survey or plat of the subdivision or land adjoining the street.



- b. Pays and remits to the Town a sum equal to the sum of all charges incurred by the Town for engineering, attorney and planning commission fees and all costs and disbursements expended by the Town, as a direct result of and arising from the requested acceptance of the street by the subdivider, owner or petitioner. Any engineers or attorneys fees charged hereunder shall be billed at the same rate as is usual and customary for municipal work. As a condition to payment of the same, the Town Board shall provide the subdivider, owner or petitioner with an itemized listing of said charges.
- c. Provides written certification from a registered professional engineer that the road meets all of the requirements of this ordinance.

4.63. Guarantee. The subdivider, owner or petitioner shall guarantee the condition of the surface of said street and the shoulders for a period of one (1) year from final acceptance. In the event the Town Board, in its sole discretion, determines that any repairs are necessary within such one-year period, the Town Board shall notify the subdivider, owner, or petitioner in writing, who shall make such repairs within thirty (30) days of receipt of the notice (unless weather conditions prohibit the same, in which event, the repairs shall be made as soon as weather conditions allow). In the event the subdivider, owner, or petitioner fails to make such repairs as set forth herein, the Town Board may cause such repairs to be made and the cost thereof shall be paid by the subdivider, owner, or petitioner. In order to secure performance hereunder, the Town Board may require the subdivider, owner or petitioner to post a cash deposit, surety bond, or other acceptable security to insure performance of this condition.

4.64 Single Purpose Roads. A single purpose road shall be defined as: "Any road, driveway or way which primarily serves a single parcel of property and is determined by the State of Wisconsin, Department of Transportation, to be ineligible for highway aids to the Township." In the event that any road accepted by the Town is determined by the State of Wisconsin, Department of Transportation to not qualify for State highway aids, the Town Board shall abandon said street by notifying the subdivider or owner of said non-qualification.

Adopted: December 14, 1992.

Attachment 1  
STANDARD SPECIFICATIONS  
FOR  
BITUMINOUS CONCRETE PAVEMENT

Plant Mix Bituminous Concrete Pavement shall in all respects conform to the State of Wisconsin Department of Transportation, Division of Highways, Standard Specifications for Road and Bridge Construction, Edition of 1989, Sections 401, 402, 405 and 407, as amended from time to time.

BITUMINOUS MATERIAL

The bituminous material for the bituminous concrete shall be Asphalt Cement Type AC in the penetration range 85-100.

LOWER OR BINDER COURSES

Aggregates to be used shall conform to gradation requirements for Gradation No. 2.

SURFACE COURSE

Aggregates to be used shall conform to gradation requirements for Gradation No. 3.

GENERAL

Hard-surfaced streets to be resurfaced with Bituminous Concrete shall be primed with Emulsion Tack Coat in conformance with Section 402 of State specifications.

All Bituminous Concrete Pavement shall be 2 courses with binder course 2 inches thick and surface course 1 1/2 inches thick.

The mixtures for Bituminous concrete pavement shall conform to the Type LV mix requirements of the supplemental State specifications.

Attachment 2

SPECIFICATIONS FOR THE CONSTRUCTION  
OF BITUMINOUS CONCRETE PAVEMENT

EXCAVATION AND PREPARATION OF SUBGRADE: Unclassified excavation shall consist of the excavation and satisfactory disposal of all materials taken from within the right-of-way for the construction of the street, street bed, embankments, earth subgrade and shoulders, intersections, side ditches and shall also include the grading of entrances and approaches in accordance with these specifications and to lines, grades and cross-sections shown on the plans. Except where otherwise provided, this work shall also include the removal and satisfactory disposal of surface and base courses, embankment surcharge, masonry walls, foundations of buildings or other structures that lie within the right-of-way, stone piles and surplus and unstable material; the replacement of unstable materials with satisfactory material, the trimming and finishing of the roadway, and maintaining said work in a finished condition until acceptance. All suitable materials excavated from the right-of-way shall, where required, be used in the construction of the subgrade. This material shall be thoroughly compacted in 6-inch layers.

AGGREGATE FOR CRUSHED GRAVEL BASE COURSE: No materials shall be placed on soft, unstable subgrade. Vehicles used shall be operated so as to spread material in layers without undue separation. Base shall then be shaped, graded and compacted with an 8- to 10-ton roller to required thickness, width and contour to the extent necessary to produce condition such that there will be no appreciable displacement of material laterally or longitudinally under traffic.

AGGREGATE FOR CRUSHED GRAVEL BASE COURSE shall consist of hard, durable particles of gravel, crushed gravel or stone with sand or mineral filler meeting the following gradation requirements in percent by weight:

Passing 1" sieve . . . .	100%	Passing 3/8" sieve . . .	50-85
Passing No. 4 sieve . .	35-65	Passing No. 10 sieve . .	25-50
Passing No. 40 sieve . .	10-30		
Passing No. 200 sieve . .	3-10		

Placing of base course shall be done as outlined above to a compacted thickness of 8 inches, in two 4-inch layers, shaped and rolled with an 8- to 10-ton roller after soaking down with water. In the event that in the opinion of the Town Engineer soil conditions require greater amounts of gravel base course, additional amounts shall be required.



### ATTACHMENT 3

#### STANDARD SPECIFICATIONS FOR CONCRETE CURB AND GUTTER

STANDARD SECTION: Concrete curb and gutter shall conform to the 36 inch Type "D" section of the Wisconsin Department of Transportation and shall be constructed in accordance with Section 601 of the "State of Wisconsin Department of Transportation, Division of Highways, Standard Specifications for Road and Bridge Construction, Edition 1989" and the typical section shown on the Detailed Drawing attached.

Concrete masonry shall conform to Section 501 of the State specifications.

BASE COURSE: A crushed aggregate base course of 6 inches minimum after compaction, to match the adjacent pavement section, shall be placed under the curb and gutter. The material shall conform to Attachment 2.

CONTRACTION JOINTS: Contraction joints shall be spaced at intervals of 10 feet or as directed by the Town. The joints may be saw-cut the same day when normal or rapid concrete setting conditions prevail. If conditions exist that retard the setting of the concrete, the saw-cutting of the joints shall be delayed until the concrete has set sufficiently to preclude raveling during the sawing. If shrinkage cracks develop prior to saw-cutting, the cracked sections of concrete shall be removed to such an extent that the normal 10 foot joint spacing will still exist. Contraction joints constructed by saw-cutting shall be a minimum of 2 inches in depth.

EXPANSION JOINTS: Expansion joints shall be placed as outlined in Subsection 601.4.5 of the "State Specifications". Joint filler shall be 3/4" expansion fiber material.

Place expansion joints as detailed below:

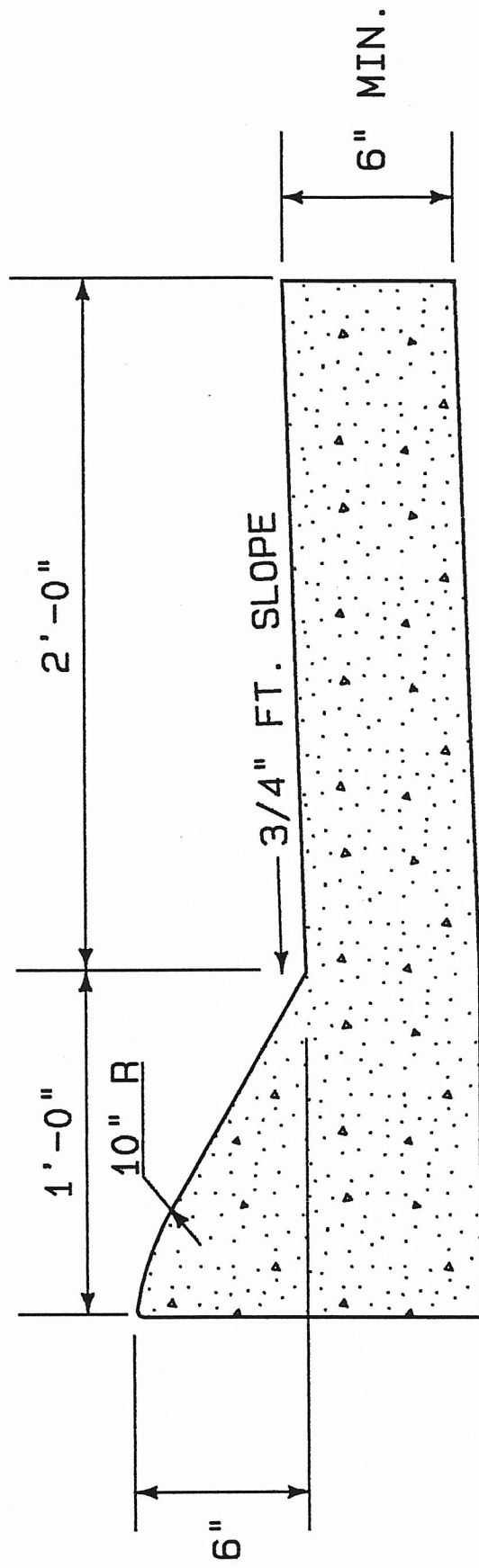
- At the PC and PT of horizontal curves.
- Three feet from each side of drainage structures.
- At 300 foot maximum spacings on both tangents and curves.

OPENING TO TRAFFIC: Traffic shall not be allowed on curb and gutter for a period of at least 7 days after placing or until the concrete has attained a compressive strength of at least 2,500 pounds per square inch.

TAPERED CURB ENDS: A tapered curb section shall be constructed at the ends of the curb and gutter. The tapered sections shall be 3 feet long and end with a 2 inch high curb. A contraction joint shall be placed at the end of the tapered section.



Curb sections shall be depressed at street intersections to provide for future sidewalk ramps.



CONCRETE CURB & GUTTER 36"  
TYPE D