

RESOLUTION
Town of Grand Rapids
Wood County, Wisconsin

RESOLUTION NO: 2016-12

Re: Ordinance No.: 19 – Regulating Town Roads and Road Right-of-Ways, and adding Appendix

The Town Board of the Town of Grand Rapids, Wood County, Wisconsin,
RESOLVES as follows:

Ordinance 19 – Regulating Town Roads and Road Right-of-Ways is hereby amended as presented to include the following changes:

Section 19.1 shall read:

19.1 Purpose

Without limitation because of enumeration, the Town Board may:

- 1) Notwithstanding Sec. 60.10(2)(e), Wis. Stats. acquire lands to lay, construct, alter, extend or repair any highway, street or alley in the Town.
- 2) Provide for laying, constructing, altering, extending, replacing, removing or repairing any road, sanitary sewer, or storm sewer in the Town.
- 3) Provide for lighting for roads, as defined under Sec. 340.01 (22), Wis. Stats. located in the Town.
- 4) Provide for making improvements in any lake or waterway located in the Town.

All remaining items will be re-lettered accordingly.

An APPENDIX has also been added to the Ordinance, and shall read:

Roadway Construction Specifications

- A) Payment of Construction Expenses: All expenses involved in the preparation, construction and dedication involved in road construction under this Chapter shall be borne by the applicant(s).
- B) Preliminary Inspection: Prior to the design, preparation and construction of any roadway to be dedicated to the Town of Grand Rapids, the applicant shall notify the Town Chairman. An on-site meeting will then be arranged to be attended by the Superintendent of Highways and the applicant. Plans must be provided in order for the Public Works Lead Person to check the design and the drainage.

Roadway Specifications

- 1) General Requirements:
 - a. Construction Materials and Specifications: All roadway construction and materials used shall be performed in accordance with the construction methods as listed in the appropriate current sections of the "State of Wisconsin Department of Transportation Standard Specifications for Road and Bridge Construction: and its supplements, or in accordance with Town approved

plans, profiles and cross sections and specifications, if such specifications are requested by the Superintendent of Highways. No construction shall be started until the Superintendent of Highways has approved such plans, profiles and cross sections.

- b. Project Costs: All roadway surveys, dedications, plans and specifications and construction will be at the expense of the applicant or applicants. This includes any expense incurred by the Town in the preparation of plans and review and inspection of plans and construction.
- c. Material Slips: Copies of material slips for all materials furnished for the road construction projects may be requested by the Town, before the Town approves the final construction.
- d. Required Inspections: The contractor shall notify the Public Works Lead Person prior to the start of construction and when each stage of construction is ready for inspection. Inspections will be required at the completion of the following stages:
 - 1. Sub base/grading and grubbing – remove roots and other matter.
 - 2. Crushed aggregate course
 - 3. Bituminous surface course; and
 - 4. Shouldering

Any deficiencies found by the Town shall be corrected before proceeding to the next phase of construction.

- e. Tests of Materials: The Town reserves the right to obtain a sample of the roadway base material prior to placement on the roadway for purposes of determining whether this material meets gradation and soundness requirements.
- f. Pavement Samples: The Town may take samples of material during pavement construction operations for purposes of determining that the material meets specifications.
- g. Town Approval: The finished roadway must meet the approval of the Town, since the Town will include this roadwork in their annual request for highway aid.

2) Construction Standards: All roads constructed in the Town shall fully comply with the following construction standards, with construction at the applicant's expense:

- a. Topsoil Removal: All topsoil shall be first removed. In addition, all subsoil which have a high shrink-swell potential, low-bearing capacity when wet or are highly elastic shall be removed and used outside of the right-of-way. Where both subsoil and substratum have a high shrink-swell potential and low-bearing capacity when wet, an under drain system shall be installed to keep the water level five (5) feet below the pavement surface.
- b. Right-of-way Width: A minimum road right-of-way width of sixty-six (66) feet is required.
- c. Roadway Alignment Details: Roadway alignment shall be in the center of the road right-of-way.
- d. Roadway Grading/Ditches: Roads shall be graded to their full width in accordance with approved plans, plus an additional distance necessary to establish a four-to-one back slope. The roadway shall be compacted and graded to sub-grade using, where necessary, approved fill material which has a low shrink-swell potential, low compressibility and is stable. Roadside ditches shall be a minimum of nine (9) inches below the edge of the paved surface

of the road. Debris may not be buried in the sixty-six (66) foot road right-of-way. Roadway ditches shall have a normal slope ratio of six (6) to one (1) ditch slope of 0.30 percent.

- e. Roadway Grades: Roads shall have a maximum grade of eight percent (8%).
- f. Roadway Width: Roadways shall have base width minimums of twenty-six (26) feet of full depth gravel. 100%-fractured rock shall be used for the base gravel. The Town officials may impose other provisions of gravel in low, wet or sandy places where additional gravel or fill would be required for public health, safety and maintenance reasons.
- g. Roadway Base Thickness: The roadway base thickness shall be a minimum of six (6) inches of compacted in-place 100% fractured rock.
- h. Pavement Width: Roads shall have a minimum pavement width of twenty-two (22) feet or wider when required by the "Town Road Standards" as noted in Sec. 86.26, Wis. Stats. or by the Town Subdivision Ordinance (Ordinance 51.5), if applicable, the wider of which shall apply.
- i. Pavement Thickness: The roadbed shall be paved with compressed bituminous hot mix pavement a minimum of two (2) inches thick compacted in place. The Town may require greater pavement thickness where traffic volumes and composition dictate the need.
- j. Shoulder Width: A shoulder a minimum of three (3) feet wide on each side of the road is required and wider when required by the "Town Road Standards" noted in Sec. 86.26, Wis. Stats.
- k. Shoulder Thickness: Road shoulders shall have a minimum thickness of two (2) inches of compacted in-place crushed state-approved aggregate base course, over a minimum six (6) inches of compacted in-place crushed state-approved aggregate base course.
- l. Roadway Culverts and Bridges: Surface Drainage: Roadway culverts and bridges shall be constructed as directed by the Town and sized utilizing the methods listed in the Chapter entitled "Drainage" of the "Facilities Development Manual" of the Wisconsin Department of Transportation. The developer shall provide adequate facilities to provide surface water drainage as well as free-flow outlets for subsurface drain tile where they are required. Where drainage facilities will aid in road construction and the stabilization of the road's subgrade, drainage facilities shall be installed before road construction is started.
- m. Topsoil, Grass, Seed, Fertilizer and Mulch: All disturbed areas (ditches, back-slopes) within the road right-of-way not provided with pavement and shouldering material shall be restored utilizing two (2) inches of topsoil and good-quality grass seed, fertilizer, and mulch. Ditches along the roadway with greater than a 2.5 percent slope shall be protected by erosion control materials such as hay bales, sod, erosion control mats, rip rap, etc.
- n. Signs: All roads constructed in the Town of Grand Rapids shall have all street signs, stop signs, and other necessary signs installed by the Town or its designee, prior to dedication of the road.
- o. Extra Turn Surface: All roads that come to an intersection shall have a turn radius of extra bituminous surfacing meeting other construction requirements for roads in this Section. (Such extra turn surface shall start thirty (30) feet before the intersection with the second road and extend to a point thirty (30) feet from the corner intersection on the other road.
- p. Curvatures: Curvatures shall be between a six percent (6%) minimum and twelve and one-half percent (12-1/2%) maximum curve for a road curve rated at thirty-five (35) miles per hour, excluding cul-de-sacs.

- 3) Statutory Requirements: The laying out of highways and roads shall be provided in Chapters 80 and 86, Wis. Stats. except that, in the case of subdivisions and certified surveys, the provisions of Sec. 236.29(2), Wis. Stats., shall apply.
- 4) Proximity to Other Roads: No road applied for running parallel with existing public road can be closer than six hundred (600) feet. Roads shall be laid out to provide for possible continuation wherever topographic and other physical conditions permit. Provision shall be made so all proposed streets shall have a direct connection with, or be continuous and in line with, existing, planned or platted road with which they are to connect., Proposed road shall be extended to the boundary lines of the tract to be subdivided, unless prevented by topography or other physical conditions, or unless in the opinion of the Town Board such extension is not necessary or desirable for the coordination of the layout of a subdivision with existing layout or the most advantageous future development of adjacent tracts.
- 5) Dedication: The applicant shall provide the Town with a warranty deed for fee ownership of the road right-of-way and easements for all drainage facilities not within the road right-of-way. Where required, the applicant shall also furnish to the Town any special deed or easement, such as, but not limited to, sight easements, slope easements, pedestrian-ways, sewer easements and such.

This ordinance amended by a majority of the town board with a quorum present and voting and proper notice having been given, amends the attached Ordinance 19 – Town Roads and Right-of-Way.

Motion	For	Against	Abstain	Absent	ACTION TAKEN
_____ Arne Nystrom	[✓]	[]	[]	[]	<input checked="" type="checkbox"/> Adopted as presented
<u>2</u> _____ Bill Clendenning	[✓]	[]	[]	[]	<input type="checkbox"/> Adopted as amended
<u>1</u> _____ Kathy Alft	[✓]	[]	[]	[]	<input type="checkbox"/> Rejected
_____ Patty Lumby	[✓]	[]	[]	[]	<input type="checkbox"/> Tabled until _____
_____ Dan Paulsen	[✓]	[]	[]	[]	<input type="checkbox"/> Referred to _____

I, Lisa Dotter-Guyant, Clerk for the Town of Grand Rapids, hereby certify that the above is a true and correct copy of a Resolution which was adopted on the 8th day of March, 2016 by the Town Board, Town of Grand Rapids, County of Wood.

Dated this 8th day of March, 2016.

By: Arne Nystrom
Arne Nystrom, Town Chairman

By: Lisa Dotter-Guyant
Lisa Dotter-Guyant, Clerk