

ORDINANCE 72-1-E

RESPECTING MINIMUM ROAD SPECIFICATIONS

The Town Board of the Town of Lac du Flambeau do ordain as follows:

I. INTENT AND AUTHORITY

1.01 TITLE. An Ordinance respecting minimum road specifications.

1.02 INTENT. The intent of this ordinance is to set criteria for construction of roads which are or will become town roads.

1.03. STATUTORY AUTHORITY. This Ordinance is adopted as authorized under 60.50(2), Wis. Stats.

1.04. INTERPRETATION. In their interpretation and application, the provisions of this Ordinance shall be held to be minimum requirements and shall not be deemed a limitation or repeal of any other power granted by the Wisconsin Statutes.

1.05. ABROGATION AND GREATER RESTRICTIONS. It is not intended by this Ordinance to repeal, abrogate, annul, impair or interfere with any existing rules, regulations, ordinances or permits previously adopted or issued pursuant to law. However, whenever this ordinance imposes greater restrictions, the provisions of this ordinance shall apply.

1.06. SEVERABILITY. Should any portion of this Ordinance be declared unconstitutional or invalid by a court of competent jurisdiction, the remainder of this Ordinance shall not be affected.

1.07. APPLICABILITY. The provisions of this Ordinance shall apply to all roads to be hereinafter accepted as part of the town road system.

II. BITUMINOUS PAVING REQUIREMENTS

2.01. RIGHT OF WAY. The minimum right of way shall be four (4) rods, or sixty-six (66) feet.

2.02. WIDTH OF ROAD BED. The minimum width of the road bed shall be twenty-four (24) feet.

2.03. WIDTH OF HARD SURFACE. The minimum width of the hard (bituminous) surface shall be eighteen (18) feet.

2.04. REQUIREMENTS FOR GRAVEL BASE. The hard surface shall be over a gravel base of one thousand nine hundred (1,900), yards per mile, for an average depth of six (6) inches. These requirements apply to an 18 foot wide surface. Wider roadways would require sufficient yardage per mile in

order to meet the 6 inch depth requirement. Gravel must meet State Specifications for Grade #2.

2.05. BRIDGES AND CULVERTS. Such bridges and/or culverts as deemed necessary to the town board shall be installed.

2.06. TURN-AROUND AT DEAD END. All dead-end roads shall have a 120 foot (60 foot radius) cleared and paved turn-around area.

2.07. CUTS AND FILLS. All cuts and fills shall have no less than one to one grade.

2.08. CONSTRUCTING SHOULDERS. The construction of aggregate shoulders along asphaltic pavements shall be prosecuted in such a manner that the shoulder is constructed to the required cross section and flush with the surface of the placed asphaltic surface. The Contractor shall provide and maintain signing through low shoulder areas until the shoulder is constructed to the required cross section and flush with the surfacing.

2.09. INSPECTION. Prior to acceptance by the town, all roads shall meet approval by inspection of the town board and the county highway department.

III. CHIP SEAL SURFACING REQUIREMENTS

3.01. RIGHT OF WAY. The minimum right of way shall be four (4) rods, of sixty-six (66) feet.

3.02. WIDTH OF ROAD BED. The minimum width of the road bed shall be twenty-two (22) feet.

3.03. WIDTH OF HARD SURFACE. The minimum width of the chip sealed surface shall be eighteen (18) feet.

3.04. REQUIREMENTS FOR GRAVEL BASE. The hard surface shall be over a gravel base of one thousand nine hundred (1,900) yards per mile, for an average depth of six (6) inches. These requirements apply to an 18 foot wide surface. Wider roadways would require sufficient yardage to meet the 6 inch depth requirement. Gravel must meet State Specifications for Grade #2.

3.05. BRIDGES AND CULVERTS. Such bridges and/or culverts as deemed necessary by the town board shall be installed.

3.06. TURN-AROUND AT DEAD END. All dead end roads shall have a 120 foot (60 foot radius) cleared and paved turn-around area.

3.07. CUTS AND FILLS. All cuts and fills shall have no less than one to one grade.

3.08. INSPECTION. Prior to acceptance by the town, all roads shall meet approval by inspection of the town board and the county highway department.

IV. CHIP SEAL SCHEDULE OF CONSTRUCTION

4.01. TWO YEAR CONSTRUCTION PLAN. Chip sealed roads must be constructed on the following two year schedule:

A. First year

Finish grade, compact, water and roll crushed aggregate base course. Road to be primed with P.E.P. oil, HFRS-2 emulsion oil and binder chip to be applied.

B. Second year

Road to be inspected by the town board and all deficiencies shall be corrected. HFRS-2 emulsion oil and surface layer of chips to be applied.

V. SPECIAL PROVISIONS FOR CHIP SEALING

5.01. AGGREGATE SPECIFICATIONS. All aggregates used for chip seal work shall have a minimum fracture of 75% by count of the material retained on the #4 sieve.

5.02. PRIME COAT. The prime coat used shall be P.E.P., and shall be applied at approximately 0.25 gallons per square yard.

5.03. BITUMINOUS MATERIAL. The bituminous material used shall be HFRS-2 emulsion, and shall be applied at a rate of 0.40 gallons per square yard. The bituminous material shall be applied at a temperature of 150 to 180 degrees farenheit.

5.04. COVER MATERIAL - BINDER LAYER. The cover material (chips) on the binder layer applied shall be approximately forty-five pounds per square yard, and shall meet gradation #1 listed below.

5.05. COVER MATERIAL - SURFACE LAYER. The cover material (chips) on the surface layer applied shall be approximately twenty-five pounds per square yard, and shall meet gradation #2 listed below.

Sieve	% Passing Gradation #1	% Passing Gradation #2
3/4"	90-100	100
1/2"	20-55	100
3/8"	0-15	85-100
#4	0-5	10-30
#8	--	0-10
#16	--	0-5
#200	0-2	0-2

Aggregate gradations listed above are the only allowable gradations. No substitutes will be allowed.

5.06. NO SUBSTITUTIONS OF EMULSION OR PRIMER. Primer and bituminous emulsions shall be of the designation specified. Substitutions will not be allowed.

5.07. ROLLING REQUIREMENTS. The binder layer of chips shall be rolled with an 8 Ton steel wheel roller. All sealcoating with multiple layers shall be rolled with a rubber tired roller.

VI. SURFACING DECISIONS. The town board reserves the sole right to determine the appropriate type of surfacing, i.e. chip sealing or bituminous paving, for any road which is intended for acceptance by the town. Criteria for this decision includes, but is not limited to, traffic count, topographical grade, and type of surface on connecting roads. Grades in excess of 8% exceeding 100 feet in length will not have a chip seal surface. The type of surface on new construction will be the same type of surfacing as is on connecting roads.

VII. REPEALER. Ordinance 72-1-D, Respecting Minimum Road Specs, adopted by the town board on June 5, 2001, and published and effective on June 12, 2001, is hereby replaced with this Ordinance.

VIII. EFFECTIVE DATE. This Ordinance shall take effect upon passage and publication as provided by law.

(absent)

Town Chairman

Attest:

Virginia Schwanbeck
Town Clerk

Mike Christ
Town Supervisor

Matthew E. Smith
Town Supervisor

Adopted this *20th* day of *March*, 2002

Published and effective: