

Ordinance 2011-5

WHEREAS, the Board of County Commissioners of Gibson County, state of Indiana, has the responsibility and duty to provide for the maintenance and construction of streets and roads within the Gibson County Road System; and,

WHEREAS, said Board further has the responsibility and function to determine whether certain newly constructed roads are admitted into the Gibson County Road System; and,

WHEREAS, said Board desires to adopt uniform regulations for all streets and roads proposed for acceptance into the Gibson County Road Systems;

NOW THEREFORE, BE IT RESOLVED that all Streets and/or Roads in Gibson County, State of Indiana, shall be prepared in the following manner to be considered for acceptance into the Gibson County Road System:

1. **RIGHT-OF-WAY:**

Fifty (50) feet minimum, twenty-five (25) feet on each side of the center-line.

2. **PAVEMENT WIDTH:**

The width of surface shall be a minimum of twenty-four (24) feet.

3. **SHOULDERS:**

The width of shoulders shall be three (3) feet on each side of the pavement. The material for shoulders shall be #53 Compacted Aggregate Base conforming to current Indiana Department of Transportation Specifications and Standards.

4. **CURBS:**

The curbs shall be a COMBINED CURB AND GUTTER Type twenty-four (24) inches from front to back of a type approved prior to use by the Gibson County Highway Engineer or a representative designated by the Board of County Commissioners of Gibson County. Twenty-eight (28) feet overall. This provision is optional.

5. SUB-GRADE:

The sub-grade shall be free of all vegetation, organics, roots, and unsuitable soil. All embankments shall conform to good construction practices and shall be constructed of soils that will compact to: 95% Standard Proctor AASHTO T-99 and AASHTO T-90. All material will be placed in eight (8) inch loose lifts. The sub-grade prior to the placement of Stone or Gravel aggregates shall be rolled to their maximum density and all spongy and yielding material shall be replaced with material suitable for compaction. All top-soils shall be removed. PRIOR TO GRADING OPERATIONS, THE COUNTY HIGHWAY ENGINEER OR A REPRESENTATIVE OF THE BOARD OF COMMISSIONERS MUST BE NOTIFIED IN ORDER FOR INSPECTION OF THE GRADING OPERATIONS DURING CONSTRUCTION. ALL SUB-GRADE MATERIAL SHALL BE COMPACTED AND TESTED WITH A NUCLEAR DENSITY, GUAGE.

6. PIPE STRUCTURES:

The minimum shall be fifteen (15) inches aluminum or fifteen (15) inches round corrugated metal pipe. Length: minimum under property entrances will be twenty-four (24) feet. Drainage areas for all structures under the main roadways must be calculated in order for correct size of structures to be placed, and this must be done by a Registered (licensed) Engineer or Registered (licensed) Land Surveyor and approved by the County Highway Engineer or Representative of the Board of County Commissioners of Gibson County.

7. AGGREGATE BASE:

After the preparation of the sub-grade has been completed to the above requirements:

- a. Four (4) inches of #2 Limestone conforming to the Indot Standard Specifications shall be placed. The stone voids shall be choked or filled with minimum three (3) inches #53 Limestone and rolled until keyed with a self propelled smooth drum roller and/or vibratory roller.
- b. After the four (4) inches of #2 Limestone or Gravel then three (3) inches of #53 Compacted aggregate conforming to the INDOT specifications shall be placed and this shall be rolled with a self propelled smooth drum roller or vibratory type equipment, may be used.
- c. The above material will total seven (7) inches in depth and shall be placed a total width of THIRTY (30) feet.
- d. The crown shall conform to the finish surface $\frac{1}{4}$ of an inch per foot. Total equals three (3) inches in twelve (12) feet.

8. BITUMINOUS SURFACE:

The aggregate base will be primed with MC-70 at a rate of 0.25 to 0.80 gallons per square yard depending on the condition of the surface. No course shall be placed on a primed surface until the bituminous tack coat material has penetrated and the surface is dry.

- a. Material for the (two) 2 inch surface shall be Hot Mix Asphalt Pavement Type A (#11 Stone).
- b. Surface Thickness: TWO (2) inches when compacted. Place 220 pounds per square yard.
- c. Material for the Intermediate Course shall be Hot Mix Asphalt Type A (#8 Stone). Light traffic shall have a minimum of four (4) inches. Place 440 pounds per square yard
- d. Medium Traffic Intermediate Thickness: six inches when compacted. Placed at 660 pounds per square yard.
- e. Heavy traffic pavement sections shall be designed by a Professional Engineer and submitted to the Commissioners for approval.
- f. Compaction: Self Propelled Smooth Drum Roller.
- g. Placement: By machine in one lay for all surface courses.

9. DITCHES:

Minimum of One (1) foot below the outer edge of shoulder on a 3:1 slope, and of sufficient size to carry the surface water. A PAVED SIDE DITCH will be required on slopes over eight percent (8%), a RIP RAP LINED DITCH will be required on slopes between four percent (4%) and eight percent (8%), and a sodded DITCH will be required on slopes less than four percent (4%) , but greater than (2%). All ditches with less than 2% may be seeded and strawed. All road side ditches shall conform to all INDOT Specifications and shall be approved by the County Highway Engineer and Commissioners Representative.

10. SEEDING AND SODDING:

All disturbed areas will be seeded and covered with straw to prevent erosion, and where required by the Engineer or Representative sodding will be placed. All seeding and sod requirements must conform to INDOT Specifications.
EVIDENCE OF EROSION WILL REJECT THE ACCEPTANCE.

IN WITNESS WHEREOF, Ordinance 2011-5 has been adopted by the Board of
County Commissioners of Gibson County, this 15th day of NOVEMBER
2011.

BOARD OF COUNTY COMMISSIONERS
OF GIBSON COUNTY

Bob Townsend

Ronald Z. Elders

Alan Douglas

ATTEST:

C. J. Montgomery