

CHAPTER 750

COUNTY HIGHWAY SYSTEM

750-1. Minimum Requirements for Acceptance of Highways

Streets or Roads in Monroe County shall be prepared in the following manner to be considered for acceptance into the Monroe County Highway System:

- (A)** Right-of-Way: A right-of-way shall be fifty (50) feet minimum, twenty-five (25) feet on each side of the center line.
- (B)** Pavement Width: The width of surface shall be a minimum of twenty-four (24) feet.
- (C)** 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 Indiana Department of Highways specifications.
- (D)** Curbs: The curbs shall be a COMBINED CURB AND GUTTER type, twenty-four (24) inch from front to back of a type approved prior to use by the Monroe County Highway Engineer or a representative designated by the Board of Commissioners and twenty-eight (28) feet overall.
- (E)** Sub-grade: The sub-grade shall be free of all vegetation and roots. All embankments shall conform to good construction practices and shall be constructed of material that will compact readily when rolled with a ten (10) ton roller. All material will be placed in nine (9) inch lifts. The sub-grade prior to the placement of stone or gravel aggregates shall be rolled with a ten (10) ton roller (minimum), and all spongy and yielding material shall be replaced with material suitable for compaction. All topsoil 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 OPERATION TO TAKE PLACE DURING CONSTRUCTION. THIS IS A MUST REQUIREMENT.
- (F)** Pipe Structures: The minimum shall be fifteen (15) inch squash aluminum or corrugated metal pipe. Squash is an arch-type pipe length and minimum under property entrances shall be twenty-four (24) feet. Drainage areas for all structures under the main roadways must be calculated in order for the correct size of structures to be placed, and this must be done by a qualified engineer or land surveyor (registered) and made available to the County Highway Engineer or representative of the Board of Commissioners.

- (G)** Aggregate Base: After the preparation of the sub-grade has been completed to the above requirements:
- (1)** four (4) inches of #2 stone conforming to the INDOT specifications shall be placed. The stone voids shall be choked or filled with a smaller material (dust or #12 stone) and rolled until keyed with a ten (10) ton roller or with a vibratory roller.
 - (2)** after the four (4) inches of #2 stone or gravel has been placed, then three (3) inches of #53 Compacted Aggregate conforming to the IDOH specifications shall be placed and this shall be rolled with a ten (10) ton roller or vibratory type equipment may be used.
 - (3)** the above material will total seven (7) inches in depth and shall be placed a total width of thirty (30) feet.
 - (4)** the crown shall conform to the finish surface: 1/4 of an inch per foot. The total equals three (3) inches in twelve (12) feet.
- (H)** Bituminous Surface:
- (1)** 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 material has penetrated and the surface is dry.
 - (2)** Material for the surface shall be Hot Asphalt Concrete Pavement Type B (#11 Stone).
 - (3)** Thickness: Two (2) inches when compacted. Place two hundred twenty pounds (220 lbs.) per square yard.
 - (4)** Compaction: Ten (10) ton roller.
 - (5)** Placement: By machine in one lay.
- (I)** Ditches: Ditches shall be a minimum of one (1) foot below the outer edge of the shoulder on a 2:1 slope and of sufficient size to carry the surface water. A PAVED SIDE DITCH conforming to INDOT specifications and approved by the County Highway Engineer or Board of Commissioners' representative will be required on slopes over four percent (4%).
- (J)** Seeding and Sodding: All disturbed areas will be seeded to prevent erosion, and where required by the Engineer or representative, sodding will be placed. All seeding and sod requirements shall conform to INDOT specifications. EVIDENCE OF EROSION WILL REJECT THE ACCEPTANCE.

750-2. Acceptance of Roads for Maintenance

(A) As used in this section:

"Basic Maintenance" means:

- (1)** snow removal;
- (2)** grading and addition of stone when required on gravel roads;
- (3)** oil dusting on gravel roads during summer months on request when property owner/resident health could be impaired by dust;
- (4)** side-ditching and culvert replacement or installation when possible to aid drainage; and
- (5)** sign replacement and repair.

"Monroe County Highway System/Inventory" means all roads accepted for basic maintenance by the Board of Commissioners.

- (B)** The acceptance of a road into the Monroe County Highway System/Inventory is contingent on the road meeting Indiana Department of Transportation criteria for assigning credit, i.e., minimum acceptable standards.
- (C)** All roads accepted into the Monroe County Highway System/Inventory will be maintained in order of priority as are all roads presently in the Monroe County Highway System/Inventory.

[end of chapter]