

Section I.

MORGAN COUNTY ROAD SPECIFICATIONS FOR ACCEPTANCE OF NEW ROAD INCLUDING NER ROADS IN SUBDIVISIONS.

Roads to be accepted onto the Morgan County system for maintenance by the County Commission shall meet these minimum specifications.

Any request for variance to these specifications must be submitted in writing to the Road Committee for recommended approval. This recommendation will be submitted to the full County Commission for approval and can be passed with a simple majority.

During road construction, inspections shall be made by the Road Superintendent before, during, and after each step or process and prior to the next course or procedure. The Road Superintendent shall verify the drainage, width, the crown of the road. Weight tickets showing the type, class, and weight of gravel and surfacing material shall be given to the Road Supervisor after each step.

After the road is complete and all the right-of-way agreements received, the Road Superintendent and the Road Committee shall inspect the road and recommend approval or disapproval for acceptance into the county system to the County Commission.

Specifically these steps must be completed for acceptance of the NEW road by Morgan County.

1. The plans have been approved in writing by the Road Committee.
2. Each step during construction has been inspected by the Road Superintendent.
3. Minimum of two Road Committee Members and the Road Superintendent has made a final inspection of the road.
4. The Road Committee has recommended acceptance of the road to the full commission.
5. A maintenance bond has been furnished to the County Clerk.
6. The County Commission has approved a Resolution accepting the road.

Right of Way

The minimum width for a road right of way shall be fifty (50) feet.

All intersections shall be as nearly to right angles as possible. No intersections shall be at angles less than seventy five (75) degrees.

The Minimum center turn radius in a road shall be one hundred ten (110) feet.

The entire right-of-way must be shown on the road plan/survey and deeded to Morgan County.

Roadbed

The minimum width of roadbed from shoulder edge to shoulder edge must be eighteen (18) feet.

The minimum diameter for a cul-de-sac roadbed shall be eighty six (86) feet.

The maximum allowable grade shall be fourteen percent (14%). Within fifty (50) feet of an intersection the grade shall not exceed three percent (3%).

At least a two (2) inch crown shall be built into the roadbed to insure runoff of water.

Changes in grade shall be to provide a minimum sight distance of two hundred (200) feet.

The completed road bed prior to building the road base shall be inspected and approved by the road supervisor.

The roadbed banks and slopes shall be finished according to the following slope table:

General Slope Table

Case II

| Fill Slope | Height of Fill |
|-------------------|-----------------------|
| 3:1 | 0'-8' |
| 2:1 | 8'-12' |
| 1.5:1 | Over 12' |
| Cut Slopes | Depth of Cut |
| 3:1 | 0'-8' |
| 2:1 | 8'-12' |
| 1.5:1 | Over 12' |

Banks and slopes shall be cleared of all objectionable matter and tree stumps and shall be seeded with grass at the completion of the road.

Drainage

Drain culverts, ditches, and other systems shall be adequate size to property drain the roadway and watershed area. The size must be approved by the Road supervisor.

In no event shall a culvert crossing under the roadway be less than fifteen (15) inches in diameter. All culverts crossing under the roadway shall be at least thirty (30) feet in length. This is a minimum length and culverts must be longer where required at fills or slopes to maintain the twenty (20) feet roadway. The culverts shall be at least twelve (12) inches under the pavement.

Roads to be constructed with curbs included must have proper water collection. The Road Supervisor shall inspect the application of the base stone and under drainage systems. Catch basins are not to be placed over four hundred (400) feet apart. Ditches on both sides of all roads shall be at least eighteen (18) inches below the pavement leave. The finished roadway shall provide a minimum crown of two (2) inches for proper water runoff. The installed drainage system shall be inspected and approved by the Road Superintendent.

Road Base

The road base shall be at least eighteen (18) feet wide, eighty six (86) feet in diameter for cui-de-sacs, and twelve (12) feet of radius for corners. Six (6) inches of compacted base stone shall be uniformly applied in three (3) two (2) inch layers with each layer being wet, rolled and compacted.

The developer and/or contractor shall furnish proof, at his own expense, that the sub-grade and base stone have been tested by a licensed and certified testing laboratory and meet the requirements of ninety five percent (95%) standard compaction.

The roadbed and base shall be allowed to settle for a minimum period of three (3) months prior to surfacing.

The Road Supervisor shall inspect the application of the application of the stone base.

Finished Road Surface: Asphalt/Hot Mix Requirements

Roads without curbs shall have a minimum of eighteen (18) feet of hot mix pavement. Roads with curbs shall have a minimum of eighteen (18) feet of hot mix pavement allowing a minimum of fourteen (14) feet of pavement inside the curbs. All cul-de-sacs shall have a minimum paved diameter of thirty (30) feet and all corners shall be rounded, paved, and have a minimum corner radius of fifteen (15) feet.

A hot mix binder course shall be applied and compacted to be two and one-half (2 ½) inches thick after compaction. The hot mix binder shall conform to the Tennessee State Highway Department Specification 307-B.

The final road surface shall be covered with hot mix finished material compacted to be one and one-half (1 ½) inches thick after compaction. The hot mix finish shall conform to the Tennessee state Highway Department Specification 307-C.

The developer and/or contractor shall furnish proof, at their own expense, that the four (4) inches of hot mix has been tested by a licensed and certified Testing Laboratory and meets the requirements of ninety five percent (95%) standard compaction.

Tar & Chip Requirements

Twenty (20) feet of the roadway surface shall be compacted with four (4) inches of base stone added there also. Base stone shall be applied in two (2) layers wet and rolled-pug mix will not require additional wetting but must be rolled.

Primed base is to be surfaced in one of the following manners:

1. A double asphalt seal making a one and one half (1 ½) inches compacted surface.
2. One and one half (1 ½) inches of hot mix binder course covered with one (1) inch of hot mix finish material for a total surface of two and one half (2 ½) inches.
3. One seal of three tenths (0.3) of a gallon asphalt per square yard and one and one half (1 ½) inches hot mix finish material for a total compacted surface of two and one quarter (2 ¼) inches.

Road shall be maintained at a minimal grade and any deviations there from must first be approved by the Road Superintendent and Road Committee.

An adequate amount of stone should be applied to the shoulders of each side of the road (24") minimum width.

Bonds

The developer and/or contactor building the road shall be required to obligate ten percent (10%) of the total cost of the road by posting bond for that amount or by depositing that amount with the County Clerk. The County Clerk shall notify in writing the Road Superintendent and County Commission that this bond has been posted before the road can be accepted by the County.

The bond and/or deposit shall be held in escrow for a period of two (2) years commencing with the date of acceptance of the road for maintenance into the County System by the Road Committee.

The bond and/or deposit shall be for the purpose of repairing any damage that may occur to the roads during that two (20 year period. Except for emergency situations, the Road Superintendent will attempt to contact the developer prior to making any repairs in order to allow the developer to make repairs prior to calling the bond. Proper release of the bond and/or deposit shall be made after inspection by the Road Committee at the end of the two (2) year period.

Subdivisions

A subdivision for Morgan County is defined as any tract of land divided and sold in five (5) acre tracts or less per State Statute. Morgan County Road specifications allow for new roads in subdivisions to be Hot Mix/Asphalt or Tar and Chip. The requirements are the same as previously stated under Acceptance of New Roads in this Document. The following procedure must be followed.

Tar & Chip Procedure

1. The Morgan County Commission will decide on a case-by-case basis which roads may be improved by developers and added to the Morgan County Road List. The addition of any roads shall be at the sole discretion of the Morgan County Commission.
2. Any improvement will be made only after the Morgan County Commission approves such improvements. The proposed improvements must be in writing and approved by the County Commission before the improvements are made.
3. All Tar & Chip and/or Asphalt/Hot Mix improvements and preparation of road to bring up to county standards shall be paid solely by the developer at no cost to the county.
4. All improvements shall be supervised by the Morgan County Superintendent of Highways, two members of the Road Committee and approved by the Morgan County Commission.
5. When all requirements have been met and are approved by the county legislative body, said road shall be added to the Morgan County Road List

SECTION II

POLICIES FOR ADDING AN EXISTING ROAD TO THE COUNTY ROAD LIST OR EXTENDING AN EXISTING COUNTY ROAD.

1. Any person wishing to add an existing road to the road list or extend an existing road must:
 - A. Contact the Commissioner from the district where the road is located to provide the information and documentation necessary to accomplish the desired result.
 - B. Provide all necessary documentation necessary to accomplish the desired result.
2. Before adding a road to the county road list, at least two members of the committee and the Road Superintendent, or his designee must visit the site and discuss the project.
3. A minimum of forty (40) feet of right-of-way must be obtained. Any variations must be reviewed by the Road Committee and the County Commission. The right-of-way must be deeded to Morgan County and recorded with the Register of Deeds at no expense to Morgan County **after approval of acceptance.** A description must be surveyed at the landowner's expense. A copy of the right-of-way deed (with description) and a title opinion must be presented to the Road Committee and subsequently approved by majority of the County Commission. ALL affected landowners must be in agreement and be willing to convey an easement for road purposes.
4. All existing or extended roads must have at least two (2) residences on them.
5. A maximum distance of fifteen hundredths (0.15) of a mile [seven hundred ninety two (792) feet] for road per residence.

Example: Ten (10) residences maximum road length would be one and one-half (1 ½) miles.
6. All documentation must be approved by the county Attorney before being presented to the County Commission for approval.

Speed Limit Signs

1. The county residents may petition the Road Committee for speed limits to be set.
2. A member of the committee, a member of the Sheriff's Department, and a member of the Road Department must tour the road and choose limits and locations for signs.

Entrance and Exit Roads

1. Before constructing an entrance or exit road to a county road, the resident or future resident must have County Road Superintendent or his designee determine the size and length of culvert required.
2. The resident must purchase his own culver. (The county cannot sell culverts.)
3. The culvert must be at least fifteen (15) inches in diameter.
4. The County Road Department will install the culvert.

Cemetery Roads

Cemetery Road issues will be considered on a case by case basis according to the Tennessee Code Annotated Code 46-3-