

Before a new or existing road can be adopted by the county for maintenance, the road must meet the following minimum requirements in accordance to the Saline County Master Street Plan (Ordinance 88-32 (attached)):

Class VI Local Roads

(Reprinted from Saline County Master Street Plan)

Minimum requirements for Class VI roads shall be as follows:

1. A minimum of sixty (60) foot right-of-way, calculated from the center of the road, shall be required in all instances. Additionally, a ten (10) foot utility/road work easement, five (5) feet on each side beginning where the public right-of-way ends, is required except when curb and gutters are used. All right of ways and easements will be cleared.
2. Before any road work starts there shall be a preconstruction meeting including the Owner(s), the Resident Engineer, Contractor, the Saline County Planning Board Code Enforcement Officer, and the County Road Superintendent or his representative. The meeting is to be arranged by the owner or contractor.
3. The owner shall conform to all Storm Water regulations.
4. When absent in the Master Road Plan, materials and methods must comply with Arkansas State Highway and Transportation Department Standard Specifications for Highway Construction, applicable manual to date.
5. Anyone working in existing Saline County right of way shall have a surety bond with Saline County for a minimum of \$10,000. (SALINE COUNTY ORDINANCE NO. 2001-80)
6. SUB BASE:
 - A. All trees, grass, weeds, top soil or rubbish of any nature that may be considered deleterious shall be removed.
 - B. The road bed will be a minimum of 31 feet wide with 18 inch deep ditch lines measured from top of sub grade with 3 to 1 slopes and no steeper than 2 to 1 back slope.
 - C. The sub base shall be compacted to 95% using a modified proctor to a depth of 18 inches.
 - D. In areas where inadequate soil exists the resident engineer is to submit a guaranteed plan of action for the area to the code enforcement officer for review.
 - E. Where cuts are made across road beds for utilities they are to be back filled with a selected backfill (sb2) and be compacted from bottom to top to 95% Modified Maximum Density.
 - F. The sub grade shall be graded to a smooth and even surface with a 3% crown.
 - G. No road shall be accepted by the county unless adequate drainage is provided. Drainage must be designed so that water will not collect or stand at any point in the road right-of-way and any drainage crossing the roadway must have sufficient length and carrying capacity to insure that water will not run across the roadway surface. Pipe used for drainage will be reinforced concrete, or type S. polyethylene corrugated plastic with smooth insides, and be no smaller than 18 inches.
 - H. When roads are built with only one way in and out culverts larger than 24 inches will be of reinforced concrete.
7. ROAD BASE:
 - A. Must be a minimum of 28 feet wide
 - B. Have a minimum of six (6) inches of class 7 crushed stone and cover all 28 feet of sub base.
 - C. Compacted to 98% using a modified proctor 6 inches deep the full width of base.
 - D. Graded to a smooth and even surface with a 3% crown.
 - E. Have a minimum of two and one half inches of compacted asphalt that meets Arkansas state specification and be least twenty (20) feet wide.
 - F. Have graveled shoulders 4 feet wide on each side with the same crown slope as the asphalt.
8. The surface of the road at intersections shall flare on both sides with a radius of 25 feet. The shoulder width shall carry around the radius.
9. Minimum angle of intersections shall be 75 degrees.
10. Maximum grade shall be 12%.

11. CURB AND GUTTER STREETS;

- A. Curb and gutters are optional. They must be four (4) inch integral stand up curbs with ten (10) inch back.
- B. Asphalt surface width shall be a minimum of twenty-four feet
- C. Curbs width minimum is 1.5 feet.
- D. Surface water shall run no more than 600' in the gutter before being channeled off the road.
- E. TESTING
 - a. All testing is to be at owner or contractor expense and is to be done with certified personal.
 - b. Testing is to be done just before placing gravel on the roadbed and just before asphalt is laid.
 - c. When testing is to be done the Planning Board Code Enforcement Officer or someone from the Saline County Road Dept. is to be present.
 - d. The Saline County representative has the right to ask for test in any area he has doubt
 - e. The Planning Board Code Enforcement Officer is to be given a copy of all test results.

12. CONCRETE STREETS;

- A. The street will not be accepted if any water is found standing in the street or gutter after the concrete is poured.
- B. No traffic will be allowed on new concrete streets for a minimum of fourteen (14) days after pouring.
- C. No concrete may be poured unless the sub-grade moisture content is approved and is at optimum moisture content levels.
- D. No concrete is to be poured on frozen ground or below 40 degrees.
- E. ALL SUB GRADES AND BASE WILL BE THE SAME AS ASPHALT STREETS and the moisture content shall be optimum.
- F. No concrete may be poured without passing the sub base preparation test
- G. All culverts under concrete streets are to be reinforced concrete type
- H. TESTING
 - a. All testing shall be at the expense of the contractor.
 - b. The county shall determine the type, frequency and location of all required testing.
 - c. A copy of all test results shall be provided to Saline County.
 - d. The construction must satisfactorily pass all tests before the County will approve a project.
 - e. All concrete pours are subject to coring for verification of depth. All core testing shall be at the expense of the developer and shall be performed by a laboratory approved by the county. All coring holes shall be immediately sealed with approved epoxy to the appropriate level.
 - f. There shall be breaks at 7 days and 28 days (4000 psi minimum strength required at the 28 day period).

13. RESIDENTIAL STREETS:

- A. Shall be a minimum of six (6) inch thickness concrete pavement.
- B. Shall be a minimum of twenty four (24) feet in width (back of curb to back of curb).
- C. The street shall have a 3% crown.
- D. Shall be 4,000 psi concrete.
- E. Shall have four (4) inch integral stand up curbs with ten (10) inch gutters.
- F. All contraction joint patterns shall, as close as practicable, approximate a square pattern and be no longer than 15 feet.
- G. Unless otherwise isolated, align joints in street to match joints in curb& gutter. (Diagram attached)
- H. Surface water shall run no more than 600' in the gutter before being channeled off the road
- I. Expansion/Construction Joints
 - a. All expansion/construction joints shall be doweled.
 - b. The dowel shall be smooth and 3/4 inch in diameter and 24 inches long and placed on 12 inch centers with an expansion joint on one end.
 - c. The dowel shall be greased on the expansion joint end only.
 - d. All joints will be calked and sealed.
 - e. The expansion/construction joint materials must meet state hwy spec and be predrilled or drilled holes for the dowels to go through.

14. COMMERCIAL COLLECTOR AND ARTERIAL STREETS:

- A. Shall be eight (8) inch thickness concrete pavement.
- B. Shall be 4,000 psi concrete.
- C. Shall have eight (8) inch integral stand up curbs with twelve (12) inch gutters.
- D. Expansion/Construction Joints
 - a. All expansion/construction joints shall be doweled.
 - b. B. The dowel shall be smooth and 1 inch in diameter and 24 inches long and on 12 inch centers with an expansion joint on one end.
 - c. The dowel shall be greased on the expansion joint end only.

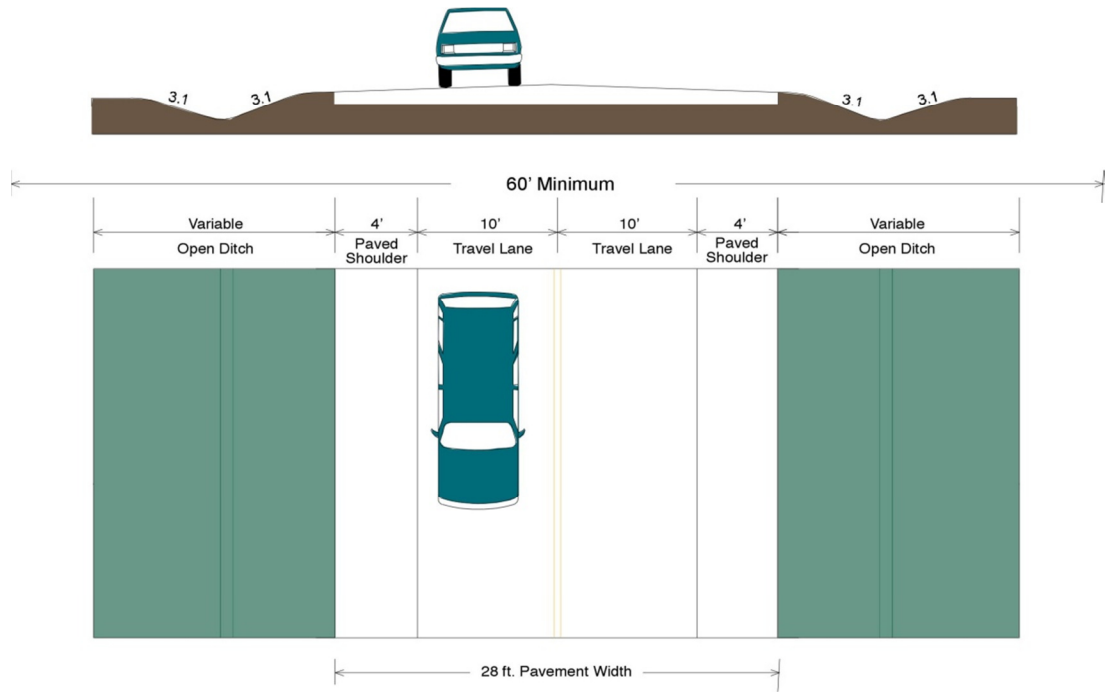
- d. The expansion/construction joint materials must meet state hwy spec and be predrilled or drilled holes for the dowels to go through.

15. STORM DRAINAGE CONSTRUCTION:

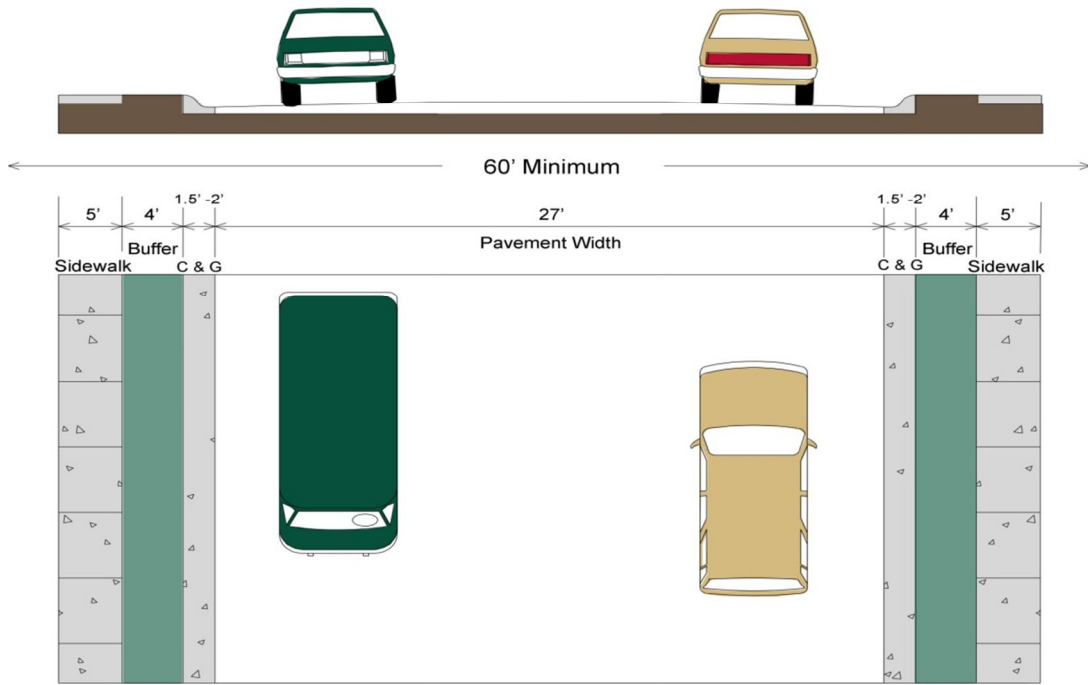
- A. All culverts shall conform to the current specifications for reinforced concrete storm sewer pipe.
- B. All inlet structures shall be curb inlet.

16. DITCH DRAINAGE CONSTRUCTION:

- A. Commercial approaches (must be concrete):
- B. Type of piping for all construction other than residential shall be reinforced concrete pipe.
- C. Capacity (size) shall be determined by engineering study.



Option A - Rural



Option B - Urban

Local streets / roads provide direct access to adjacent properties in rural areas and within cities. They also service small rural communities and provide access to residential areas, subdivisions and neighborhoods within cities.

ORDINANCE NO. 88-32

SALINE COUNTY, ARKANSAS

AN ORDINANCE RELATING TO THE MASTER STREET PLAN FOR SALINE COUNTY, ARKANSAS: INTRODUCTION, IDENTIFICATION OF THE PLAN, RESPONSIBILITY AND AUTHORITY, FUNCTIONAL CLASSIFICATION, RIGHT-OF-WAY AND GEOMETRIC DESIGN STANDARDS, CLASS VI ROADWAYS AND PROCESS REQUIREMENTS.

Be it ordained by the Quorum Court of Saline County, Arkansas:

Section 1. Master Street Plan. that the Master Street Plan, comprised of text and map so titled, for Saline County, Arkansas, prepared by the Saline County Planning Board and adopted by it on the second (2) day of June, 1988 after public hearing held the fifth (5) of May, 1988, is hereby adopted by reference by this ordinance. Copies of the Master Street plan above referred to and this ordinance are on file in the Office of the County Clerk and are available for public inspection.

Section 2. Ordinances Repealed. All ordinances, specifically Ordinance No. 79-20, dated June 17, 1979, or parts of ordinances in conflict herewith are hereby repealed.

Section 3. Penalties. Any person, firm, or corporation found guilty of violating any of the provisions of this Ordinance shall be fined for each such violation as provided by Section 41-106, Arkansas Statutes 1947 Annotated.

Section 4. Emergency Clause. This Ordinance being necessary for the preservation of the public peace, health, comfort, convenience, morals, safety, and welfare of the Citizens of Saline County, Arkansas, an emergency is declared to exist and this Ordinance shall be in full force and effect from the date of its adoption.

DATED: July 14, 1988 APPROVED: Parker Johnston
Parker Johnston
Saline County Judge

ATTEST: George Ramsey SPONSOR: Charles G. Sample, J.P. Dist. 8
George Ramsey Lynnda Montalvo
Saline County Clerk
