



Legislation Text

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AN ORDINANCE TO AMEND SECTIONS 1-B, 1-C, 3A, 3-C, 4-A AND 5-A OF ORDINANCE NO. 1173 OF THE CODE OF ORDINANCES OF THE CITY OF JONESBORO; AND FOR OTHER PURPOSES: BE IT ORDAINED by the City Council of the City of Jonesboro, Arkansas:

SECTION 1: That Section 1-B of Ordinance No.1173 of the Code of Ordinances of the City of Jonesboro is hereby amended to read as follows: Section 1-B: THICKNESS REQUIREMENTS FOR RIGID PAVEMENTS: Thickness of all rigid concrete pavements for all street classes 1 through 4 may be determined from soil tests as run by a reputable testing laboratory. All concrete used must be of a mixture resulting in a minimum of three thousand (3,000) pounds per square inch compressive strength in twenty-eight (28) days and said concrete must be poured with a slump not to exceed four (4) inches. Unless otherwise required by the City Engineer, rigid pavement thickness shall be based on the following standards herein established:

CLASSIFICATION OF STREETS	THICKNESS
1	Arkansas State Highway Specifications
2	7 Inches
3	6 Inches
4	5 Inches (Permitted after submittal and approval by City Engineer of proper test and design.)

A subgrade for rigid pavement construction shall be scarified as instructed and compacted to the required grade and section. After required grading and compaction, subgrade must be inspected by the City Engineer and any unsatisfactory subgrade material, on direction of the City Engineer, must be removed and replaced with satisfactory material. In the event of any questionable soil conditions the City Engineer may require reinforcement as needed.”

SECTION 2: That Section 1-C of Ordinance No.1173 of the Code of Ordinances of the City of Jonesboro is hereby amended to read as follows: Section 1-C: THICKNESS REQUIREMENTS FOR FLEXIBLE PAVEMENTS; Thickness requirements for all flexible pavements for classes 1 through 4 may be determined by soil tests as run by a reputable testing laboratory. Standard pavement, as outlined in these specifications shall be defined as; asphaltic concrete hot mix wearing surface on a compacted crushed stone (GB-3 or SB-2). All types of flexible pavements including soil cement stabilization with asphaltic concrete surfacing shall be permitted when in the opinion of the City Engineer, the plans and specifications and construction will result in a pavement of equal or greater stability. Flexible pavement street design thickness shall meet the requirements as herein established and shown in the table following:

CLASSIFICATION BASE	PAVEMENT THICKNESS
1	As per State Highway Specifications
2	8 Inches 7 ½ Inches (4" base, 2" bender, 1½ “ Surface)
3	6 Inches 4 Inches (1- 2 ½ “ lift, 1-1 ½ lift )
4	6 Inches 3 Inches (2-1 ½ “ lifts)

No soil test will be required unless in the opinion of the City Engineer the soil conditions are not applicable to the herein specified thickness table.”

SECTION 3: That Section 3-A (3) and 3-A (3) (c) (d) of Ordinance No.1173 of the Code of Ordinances of the City of Jonesboro is hereby amended to read as follows: Section 3-A (3): JOINT FILLER: Joint filler shall consist of premolded, poured or structural grade redwood planks.

(C) DEFORMED METAL PLATE JOINTS: Deformed metal plat joints shall not be allowed.

(D) REDWOOD PLANK JOINT FILLER: Structural grade redwood planks shall be used as joint filler in making transverse joints. The planks shall be three-fourths inch (3/4") thick and shall have a minimum width of one-half inch (1/2") less than the slab thickness at any point. Joint filler shall be poured into the one-half (1/2") recess.”

SECTION 4: That Section 3-C (1) (c) of Ordinance No. 1173 of the Code of Ordinances of the City of Jonesboro is hereby amended to read as follows: Section 3 (C) (1) (c): STRENGTH TEST: Flexural strength of concrete shall be determined in accordance with A.S.T.M. Method test, Designations C31 & C78. Compressive test cylinders shall be taken in accordance with A.S.T.M. Designation C31. A minimum of three (3) test cylinders shall be taken for each day’s pour and for each 100 ft of street poured for that day. Each cylinder shall be marked with the date and adequate information to identify street location. One (1) of the three cylinders will be tested at seven (7) days, one (1) at twenty-eight (28) days and the other held for forty-five (45) days for future testing if needed. Test results shall be submitted to the City Engineer’s office before the letter of construction acceptance will be written.”

SECTION 5: That Section 4-A (2) of Ordinance No. 1173 of the Code of Ordinances of the City of Jonesboro is hereby amended to read as follows: Section 4-A (2): BASE COURSE MATERIAL: Base course material shall be composed of crusher run, and shall conform to the current Arkansas State Highway Specifications, Base Course Material, Designation GB-3 or SB-2. Base course material may also be uncrushed base gravel containing no more that five percent (5%) exceeding the two inches (2") in size. Tests of base course materials shall be made by a reputable testing laboratory and shall be at owner and/or contractors expense. Test results shall be delivered to the City Engineer and owner/developer. Also, on site test of base will be performed by the same testing laboratory and results presented to the City Engineers’ office before a letter of constructance will be written.”

SECTION 6: That Section 5-A (7) of Ordinance No. 1173 of the Code of Ordinances of the City of Jonesboro is hereby amended to read as follows: Section 5-A (7) : PORTLAND CEMENT CONCRETE FOR SIDEWALKS AND APPURTENANCES : Portland Cement concrete for sidewalks and appurtenances shall have a minimum compressive strength of not less than three thousand (3,000) pounds per square inch in twenty-eight (28) days. Its maximum slump in place shall not exceed four (4) inches. Concrete shall be mixed in accordance with current ASTM requirements.”

PASSED AND ADOPTED this 19<sup>th</sup> day of September, 1988.