



Legislation Details (With Text)

File #: ORD-14:059 **Version:** 2 **Name:** Amend Chapter 112 of the Code of Ordinances regarding the Stormwater Drainage Design Manual

Type: Ordinance **Status:** Passed

File created: 9/22/2014 **In control:** Public Works Council Committee

On agenda: **Final action:** 10/21/2014

Title: AN ORDINANCE AMENDING CHAPTER 112 OF THE JONESBORO MUNICIPAL CODE AND SECTIONS 2.0 AND 5.0 OF THE STORMWATER DRAINAGE DESGIN MANUAL

Sponsors: Engineering

Indexes: Code of Ordinances amendment

Code sections: Chapter 112 - Stormwater Management

Attachments: 1. 2 - Construction Plan Preparation, 2. Open Channels, 3. 4 - 2 Performance Standards

Date	Ver.	Action By	Action	Result
10/21/2014	2	City Council	Passed	Pass
10/9/2014	2	Public Works Council Committee	Recommended to Council	Pass

AN ORDINANCE AMENDING CHAPTER 112 OF THE JONESBORO MUNICIPAL CODE AND SECTIONS 2.0 AND 5.0 OF THE STORMWATER DRAINAGE DESGIN MANUAL WHEREAS, the City Council adopted specific Stormwater Regulations on December 18, 2008 (ORD-08:099) which are now codified in Chapter 112 of the Jonesboro Municipal Code;

WHEREAS, the Stormwater Management Board recommends to amend Section 112-129, Subsection 4.2(B) and Subsection 4.2(D) of Chapter 112 of the Jonesboro Municipal Code to clarify what can be erected or placed in a drainage easement;

WHEREAS, the Stormwater Management Board recommends to amend Section 2.0 Subsection 2.4.2(3) of the Stormwater Drainage Manual to require concrete pipe be installed in City right-of-way or easement "under paved commercial parking lots"

WHEREAS, the Stormwater Management Board recommends to amend Section 5. Subsections 5.1 and 5.2 of the Stormwater Drainage Manual to include language for prevention of standing water and ease of maintenance of open channels.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF JONESBORO, ARKANSAS THAT:

SECTION 1: SECTION 1: Section 112-129 Subsection 4.2(B) and Subsection 4.2(D) of Chapter 112 of the Jonesboro Municipal Code is hereby amended as follows:

4.2 Performance Standards

B. Easements - Drainage easements for access maintenance, detention and conveyance of stormwater shall be provided and shown on the final plat. Easements shall be required for all drainage ways serving two or more lots or parcels and shall be designated for drainage only. Minimum required dimensions for drainage

easements are included in the Drainage Manual (Figures 1 and 2; Appendix 2), but in no case shall the prescribed easements be less than that required to convey or detain the 100-yr runoff. All drainage easements shall have a maintenance agreement approved before final acceptance of the improvements. No buildings or other structures shall be erected or placed in a drainage easement. Fencing of drainage easements is by permit only in accordance with Section 117-329 of Chapter 117. Fencing, if permitted, must be able to pass a 3-inch object without obstruction, and be gated to facilitate access to the easement for inspection and maintenance.

D. Lot Lines - Whenever the plans call for the passage or storage of floodwater, surface runoff, or stormwater along lot lines, grading of all such lots shall be prescribed and established for the safe passage or storage of the waters. No changes shall be made to the prescribed grades and contours of the specified floodways, except by permit in accordance with Section 112-106 of Chapter 112. No trees or shrubbery should be planted in the drainage way that will obstruct the flow of stormwater.

SECTION 2: Section 2.0 Subsection 2.4.2(3) of the Stormwater Drainage Design Manual is hereby amended as follows:

(3) Pipe Material in City rights-of-way or easements shall conform to the following minimum requirements:

Roadway Crossings or Under Paved Commercial Parking Lots

RCP Class III or Class IV

ASTM C-76

ASTM C-506

ASTM C-507

Box Culverts and Small Bridges

ASTM C-1433

ASTM C-507

SECTION 3: Section 5.0 Subsections 5.1 and 5.2 of the Stormwater Drainage Design Manual is hereby amended as follows:

5.1 General

This section describes the criteria for the design of drainage channels. The minimum slope for all proposed channels shall be 0.25% and the minimum depth shall be 18-inches, unless otherwise approved by the City Engineer.

5.2 Cross Sections

All improved channels shall be designed to carry the 100 -year flow plus one foot of freeboard. Adjacent building structures finish floor elevations shall be at least one foot above the 100-year water surface elevation.

A dedicated drainage easement shall be provided to the City of Jonesboro for open channels. The easement width shall be no less than the minimum width required to convey the 100-year frequency runoff or 15 feet, whichever the greater. The easement, where practicable, should not be split between adjacent lots.

SECTION 4: That the provisions of this Ordinance are declared to be severable. In the event any portion or portions may be declared unconstitutional does not render the remaining provisions invalid. Further, all Ordinances and parts of Ordinances in conflict herewith are hereby repealed to the extent of said conflict.

SECTION 5: That the Mayor and the City Clerk are hereby authorized by the City Council for the City of

Jonesboro to adopt the above referenced amendments to the Jonesboro Municipal Code and the Stormwater Drainage Design Manual.

PASSED AND APPROVED this 21st day of October, 2014.