

Meeting Agenda

Public Works Council Committee

Tuesday, December 1, 201	5	5:00 PM	Municipal Center	
1. Call To Order				
2. Roll Call by City Cler	k Donna Jack	son		
3. Approval of minutes				
<u>MIN-15:104</u>	Minutes for the <u>Attachments:</u>	Public Works Committee meeting on November 3, 2015 Minutes		
4. New Business				
		Ordinances To Be Introduced		
<u>ORD-15:061</u>	AN ORDINANCE AMENDING THE JONESBORO CODE OF ORDINANCES, SECTION 117-330, ADOPTING A POLICY AND PROCEDURE FOR THE REQUIREMENTS OF SIDEWALKS ON ALL NEW COMMERCIAL AND MULTI-FAMILY DEVELOPMENTS HAVING 5 OR MORE UNITS, WITHIN THE CITY LIMITS OF JONESBORO, ARKANSAS			
	<u>Sponsors:</u>	Planning		
	<u>Attachments:</u>	1962 JONESBORO CODE SIDEWALKS Maintenance		
		Jonesboro sidewalk policy and policies of other cities		
		Resolutions To Be Introduced		
<u>RES-15:165</u>	JOINT FUNDI	ON TO THE CITY OF JONESBORO, ARKANSAS TO CONTIN NG AGREEMENT WITH THE U.S. GEOLOGICAL SURVEY, L ARTMENT OF THE INTERIOR FOR THE OPERATION AND CE OF TWO STREAMGAGES IN JONESBORO		
	Sponsors:	Engineering		
	<u>Attachments:</u>	2016 Agreement		
5. Pending Items				

6. Other Business

7. Public Comments

8. Adjournment

		300 S. Church Street Jonesboro, AR 72401			
ORO - APULLER	L				
File #:	MIN-15:104 Versio	on: 1	Name:		
Туре:	Minutes		Status:	To Be Introduced	
File created:	11/4/2015		In control:	Public Works Council Committe	ee
On agenda:			Final action:		
Title:	Minutes for the Public	Works C	Committee meeti	ng on November 3, 2015	
Sponsors:					
Indexes:					
Code sections:					
Attachments:	<u>Minutes</u>				
Date	Ver. Action By		Ac	tion	Result

Minutes for the Public Works Committee meeting on November 3, 2015

City of Jonesboro



Meeting Minutes Public Works Council Committee

Tuesday, November 3, 2015	5:00 PM	Municipal Center

1. Call To Order

2. Roll Call by City Clerk Donna Jackson

Councilman Dover arrived at 5:05 p.m.

Mayor Perrin was also in attendance.

- Present 6 Chris Moore; John Street; Mitch Johnson; Darrel Dover; Charles Coleman and Ann Williams
- Absent 1 Gene Vance

3. Approval of minutes

MIN-15:091	Minutes for the Public Works Com	mittee meeting on October 5, 2015

Attachments: Minutes

A motion was made by Councilman Mitch Johnson, seconded by Councilwoman Ann Williams, that this matter be Passed . The motion PASSED with the following vote.

Aye: 4 - Chris Moore; Mitch Johnson; Charles Coleman and Ann Williams

Absent: 2 - Gene Vance and Darrel Dover

4. New Business

Ordinances To Be Introduced

ORD-15:057 AN ORDINANCE TO WAIVE COMPETITIVE BIDDING AND AUTHORIZE PURCHASE OF ADDITIONAL PAINT MACHINE EQUIPMENT

Sponsors: Streets

Street Superintendent Steve Tippett explained they are upgrading their paint machine so they are able to paint two colors on the street without having to go back to the shop and change the colors like they currently do.

Chairman Street asked why the bidding was being waived. Mr. Tippett explained they are the only company with the part for that machine.

A motion was made by Councilman Mitch Johnson, seconded by Councilman

Charles Coleman, that this matter be Recommended to Council . The motion PASSED with the following vote.

- Aye: 4 Chris Moore; Mitch Johnson; Charles Coleman and Ann Williams
- Absent: 2 Gene Vance and Darrel Dover

Resolutions To Be Introduced

RES-15:158 A RESOLUTION TO THE CITY OF JONESBORO, ARKANSAS TO CONTRACT WITH FISHER & ARNOLD, INC. TO PROVIDE ENGINEERING SERVICES FOR THE W COLLEGE AVENUE BRIDGE REPLACEMENT, AHTD JOB NO. 100849

<u>Sponsors:</u> Engineering and Grants

Attachments: Agreement

City Engineer Craig Light explained the grant is 80/20 and is for the design of the bridge on West College. The total project cost is estimated at \$379,500. The design contract will allow them to get the project approved by the Highway Department so construction can begin in the summer of 2016.

A motion was made by Councilman Mitch Johnson, seconded by Councilman Darrel Dover, that this matter be Recommended to Council . The motion PASSED with the following vote.

- Aye: 5 Chris Moore;Mitch Johnson;Darrel Dover;Charles Coleman and Ann Williams
- Absent: 1 Gene Vance

5. Pending Items

6. Other Business

COM-15:063 Discussion concerning proposed sidewalk ordinance

<u>Attachments:</u> Proposed ordinance Jonesboro sidewalk policy and policies of other cities Sidewalk Recommendations 1962 Jonesboro Code

Chairman Street explained the city did pass an ordinance requiring sidewalks for new multi-family and commercial developments. Councilwoman Williams asked if those terms were at the discretion of the MAPC. City Planner Otis Spriggs agreed, stating the ordinance requires sidewalks for multi-family for five units or more and the MAPC has the discretion to require them for commercial developments. The problem is over the last ten to fifteen years that has not been enforced by the MAPC or the city. As a result, they have asked the Public Works Committee to look at the issue on at least two occasions to provide clarification. Mr. Spriggs noted an example is the new Kroger development on Caraway Road where the city could not require sidewalks because the code has not been consistently applied throughout the city.

Councilwoman Williams stated there needs to be some latitude in some cases, but she thinks there should be a change in wording from discretionary to required. Mr.

Spriggs explained the last time the resolution was presented to the Public Works Committee it was tabled. He also added as an attachment a matrix of what other cities are doing where it relates to sidewalks.

Councilman Coleman expressed concern over the city using its own funding to put in sidewalks every year where there should've already been sidewalks. He would like to see the wording change from "might" to "shall." Councilwoman Williams agreed.

Mr. Spriggs noted there are no provisions requiring sidewalks for residential areas. That proposal was made to the MAPC and was met with a lot of opposition.

Councilman Coleman then expressed concern because in his experience he was asked to tear up a sidewalk and a driveway, then had to re-pour it because he was told by the Inspections Department that the city had a code regarding it. But, he was never shown the code. He questioned why one person would have to follow something, but not others. Mr. Spriggs explained that is the issue they are looking at. In some instances, there are existing sidewalks that need to be re-poured or repaired, which may have been the case.

Mr. Spriggs also noted there are some questions about future maintenance of the sidewalks if they are in the city's right-of-way. Councilwoman Williams stated there will always be the opportunity to get a waiver if needed.

Councilwoman Williams asked that the proposal be on the agenda for the next Public Works meeting.

Harold Carter, 901 Toni Drive, discussed the situation. He stated there are too many exceptions and too many waivers. He explained he doesn't like it because it makes things too hard on the City Council and developers. He doesn't see any reason for that much encouragement for discretion and waivers. He recommended getting rid of a lot of the language that allows too many discretions and waivers.

Mayor Perrin stated they need to do their homework and research everything. They will gather the information and send it out before the next meeting so it can be reviewed by the committee members. Chairman Street added he hopes that the city includes information concerning ADA compliance because the city needs to keep up with that.

This item was Read.

7. Public Comments

8. Adjournment

A motion was made by Councilman Chris Moore, seconded by Councilman Darrel Dover, that this meeting be Adjourned . The motion PASSED with the following vote.

- Aye: 5 Chris Moore;Mitch Johnson;Darrel Dover;Charles Coleman and Ann Williams
- Absent: 1 Gene Vance



Legislation Details (With Text)

File #:	ORD-15:061	Version:	1	Name:	Amend Code of Ordinances Section 117-330 regarding sidewalks
Туре:	Ordinance			Status:	To Be Introduced
File created:	11/11/2015			In control:	Public Works Council Committee
On agenda:	12/1/2015			Final action:	
Title:	AN ORDINANCE AMENDING THE JONESBORO CODE OF ORDINANCES, SECTION 117-330, ADOPTING A POLICY AND PROCEDURE FOR THE REQUIREMENTS OF SIDEWALKS ON ALL NEW COMMERCIAL AND MULTI-FAMILY DEVELOPMENTS HAVING 5 OR MORE UNITS, WITHIN THE CITY LIMITS OF JONESBORO, ARKANSAS				
Sponsors:	Planning				
Indexes:	Code of Ordina	inces amer	ndme	nt	
Code sections:	Chapter 117 - 2	Zoning			
Attachments:	1962 JONESBORO CODE SIDEWALKS Maintenance				
	Jonesboro side	walk policy	and	policies of other	<u>cities</u>
Date	Ver. Action By			Act	ion Result

AN ORDINANCE AMENDING THE JONESBORO CODE OF ORDINANCES, SECTION 117-330, ADOPTING A POLICY AND PROCEDURE FOR THE REQUIREMENTS OF SIDEWALKS ON ALL NEW COMMERCIAL AND MULTI-FAMILY DEVELOPMENTS HAVING 5 OR MORE UNITS, WITHIN THE CITY LIMITS OF JONESBORO, ARKANSAS

WHEREAS, The City of Jonesboro desires to encourage orderly development and provide clarity within the existing code of ordinances regarding sidewalk requirements.

WHEREAS, The City of Jonesboro Code of Ordinances currently gives the Metropolitan Area Planning Commission authority to require sidewalks on multi-family projects of 5 or more units, and allows the discretion to require sidewalks to be installed on new commercial uses, with no defined policies or consistent enforcement.

BE IT ORDAINED by the City Council for the City of Jonesboro, Arkansas that:

SECTION ONE: Section 117-330, Sidewalks shall be amended as follows:

Sidewalks Required:

(a) Multi-family and Commercial Development. Sidewalks shall be required for all multi-family developments that contain five (5) units or more, and for commercial developments.

(b) Construction Standards. Sidewalks shall be constructed in accordance with all applicable City standards and specifications, and with all applicable ADA (Americans with Disabilities Act) requirements. If detached and set back at least five feet (5') from the back of the curb, such sidewalks shall have a minimum width of four feet (4'). If attached to the curb or located closer than five feet (5') to the curb, such sidewalks shall have a minimum width of five feet (5').

(c) Timing of Installation. Required sidewalks shall be installed prior to occupancy of any structure.

(d) The requirements of this section shall not apply to construction of accessory buildings.

File #: ORD-15:061, Version: 1

(e) No certificate of occupancy shall be issued for any building described in subsection (a) if the building plans provide for construction of a sidewalk along an arterial or collector street unless the sidewalk has been constructed or the property owner has provided a bond, or other instrument acceptable to the director of public works guaranteeing construction of the sidewalk within six (6) months of issuance of the certificate of occupancy.

SECTION TWO: (ADD) Section 117-331: Sidewalk Waiver Process:

(a) Upon application of the property owner, the Metropolitan Area Planning Commission shall waive the requirement of this section to provide plans for and construct a sidewalk if the commission determines that the sidewalk is not needed or that the impact of the proposed development does not justify the requirement that the sidewalk be constructed or that there is a reasonable likelihood that the sidewalk would have to be removed and reconstructed in the near future.

(b) In determining the need for the sidewalk and whether the impact of the proposed development justifies the requirement that the sidewalk be built, the Metropolitan Area Planning Commission shall consider that all relevant factors have been demonstrated such as:

- (1) Pedestrian traffic generators such as parks and schools in the area,
- (2) the existence of a sidewalk network in the surrounding area,
- (3) the density of current and future development in the area,
- (4) the amount of pedestrian traffic likely to be generated by the proposed development, and
- (5) whether the terrain is such that a sidewalk is physically feasible.

Chapter 9.16

CONSTRUCTION OF SIDEWALKS, CURBS AND DRIVEWAYS

Sections:

- 9.16.01 Compliance
- 9.16.02 Construction of sidewalks by property owners
- 9.16.03 Repairing, grading, etc. sidewalks by property owners
- 9.16.04 Permit Required; fee
- 9.16.05 Approval of sidewalks
- 9.16.06 Materials and specifications Generally
- 9.16.07 Expansion joints; slope
- 9.16.08 Subgrade
- 9.16.09 Forms
- 9.16.10 Marking and blocking
- 9.16.11 Crossways
- 9.16.12 Driveways

9.16.01 Compliance. Any sidewalks which may hereafter be constructed shall be constructed in accordance with the provisions of this chapter. (Digest 1934, Sec. 446)

9.16.02 Construction of sidewalks by property owners.

(a) Generally. It shall be the duty of every person owning any lot or part of a lot or block adjoining or abutting any public street or highway in the city to grade and construct sidewalks in front of and alongside of the lot or part or block owned by him, at his own expense, when notified to do so as provided in subsection (b) hereof.

(b) Resolution of Council. Whenever the City Council shall determine and require, by resolution, that sidewalks shall be built upon any street or part thereof, such resolution shall define the street or part thereof along and upon which the same shall be built. The publication of such resolution in any newspaper published in the city shall be sufficient notice to all owners of property fronting or abutting upon such street or part thereof to build the sidewalk as required herein.

(c) Time of commencement and completion of work. It shall be the duty of the owner of any property fronting or abutting upon any street upon which sidewalks are ordered to be built by resolution of the Council as provided in subsection (b) hereof, to commence the work of constructing such sidewalks within thirty (30) days after publication of the resolution and to have the same completed within ninety (90) days therefrom.

(d) Failure of owner to construct after notice. If the owner shall fail to begin the construction within the time specified in subsection (c) or fail to have the same completed within the time specified in (c), the City Engineer shall have the power and authority to cause such construction to be done at the expense of the city. The expense of such construction shall constitute a lien on the property of the owner failing to do the construction and such lien shall be enforced as provided by law. (Sec. 20-30, 1962 Code)

9.16.03 (Repairing, grading, etc. sidewalks by property owners.

(a) Resolution of the Council. When any sidewalk within the city shall be in a dilapidated condition or in need of repair or is not on the official grade, the City Council may, by resolution, order such repairs, cutting, filling or other work to be done as may be necessary. Such resolution shall describe the sidewalk upon which the work is to be done and the nature and character of the work.

(b) Notice to owners. Whenever any work is ordered to be done by resolution of the Council as provided in subsection (a) hereof, it shall be the duty of the owner of any property fronting or abutting on such sidewalk to perform such work when notified thereof.

The notice to be given by the City Engineer shall be served upon the property owner by delivering to him a copy thereof or if he refuses to receive it, by offering a copy thereof to him or by leaving a copy in the usual place of abode of the owner, with some person who is over sixteen (16) years of age and a member of his family. If the owner is not to be found in the city or if the owner is unknown, service shall be had by delivering a copy to the known agent in charge of the property and if there be no known agent in the city, then service shall be had by affixing a copy thereof to the property in some public part thereof or by publishing a copy thereof in some daily paper or weekly newspaper published in the city for one (1) insertion. Said notice may be served by the city inspector or any member of the police department and the endorsement upon the notice by the officer serving the same shall be sufficient evidence of his action in the premises.

(c) Time for commencement and completion of work. It shall be the duty of the owner of the property fronting or abutting upon any sidewalk ordered to be repaired or graded as provided in this section to commence the work of repairing or grading the same within ten (10) days after the service of the notice in accord with subsection (b) and to have the same completed within twenty (20) days thereafter.

(d) Failure of owner to perform work. If the owner of any property fronting or abutting on any sidewalk ordered to be repaired or graded shall fail to begin the repairing or grading of the same within the time specified in subsection (c) or fail to have the same completed within the time specified in subsection (c), the City Engineer shall have the power and authority to cause such work to be done at the expense of the city. The expense of such work shall constitute a lien on the property of the owner failing or refusing to do the work and such lien shall be enforceable as provided by law. (Sec. 20-31, 1962 Code)

9.16.04 Permit - Required; fee. All persons desiring to lay a sidewalk in Jonesboro shall first make application to the City Engineer for a permit to lay and construct same.

9.16.05 Approval of sidewalks. The City Engineer shall have the right to refuse or accept any sidewalk and to order the same constructed anew when same shall have been built or constructed of material not listed in Section 9.16.06. (Digest 1934, Secs. 460, 462, and 463)

9.16.06 Materials and specifications - Generally. All sidewalks shall be constructed of Portland Cement Concrete. Minimum of 3,000 PSI concrete four (4) inches thick. (Digest 1934, Sec. 465)

9.16.07 Expansion joins; slope. An expansion joint of three- fourths (3/4) inch must be placed every fifty (50) feet in a continuous walk. The slope from inside of walk to outside of walk shall be one-fourth (1/4) inch to the foot. (Digest 1934, Sec. 446)

9.16.08 Subgrade. In excavating for sidewalks, the ground shall be brought to a subgrade of not less than four (4) inches below the finished grade of the walk and said subgrade shall be thoroughly tamped, if necessary, to afford a solid foundation. In newly filled or marshy ground, cinders or dry gravel must be spread on top of the ground and tamped until a good, firm surface is formed. (Digest 1934, Sec. 467)

9.16.09 Forms. All form lumber shall be seasoned two (2) inch by four (4) inch boards and shall be true and straight. Forms must be set true to line and grade given and must be well braced by stakes enough to keep timbers from bulging outward by tamping material. (Digest 1934, Sec. 468)

9.16.10 Marking and blocking. The top of wearing surface shall be blocked off and cut through to the base with a trowel or tool made for that purpose so that no block shall be larger than six (6) lineal feet in its greatest dimension nor contain more than thirty (30) square feet in its surface. All corners must be rounded off so as to leave no square edges or corners.

All cross markings must be at right angles to the length of the walk and all longitudinal markings must be in perfect alignment and absolutely parallel to the side lines of the walk. Zigzag lines or markings shall be condemned at once and ordered taken out at once at contractor's expense. (Digest 1934, Sec. 469)

9.16.11 Crossings. Whenever street crossings are constructed across any of the streets of the city, the crossing shall be of either concrete or paving brick and the same width as the adjoining walks. The elevation of the crossing shall be determined by a straight line connecting the top of the opposite curbs with each other and with the walks to be connected, that part of the crossing

between the curb and the walk to be constructed according to the general specifications for concrete walks. Concrete crossings shall be made of five (5) given parts crushed rock, three (3) parts granite sand to one (1) part of standard 3,500 PSI Portland cement, the whole to be six (6) inches thick on a foundation of four (4) inches of sand or gravel thoroughly packed. The crown of said crossing shall not exceed two (2) inches and the surface shall be grooved longitudinally every six (6) inches. When made of brick, an approved paving brick shall be used, laid on a foundation of six (6) inches of sand or fine gravel thoroughly packed and filled with sand or cement. (Digest 1934, Sec. 509)

9.16.12 Driveways. Concrete driveways shall be built and maintained by all property owners owning property bordering on the paved streets of the city. In case the property owner does not care to maintain a driveway where an opening in the curb occurs, the said curb shall be restored and shall be similar and in harmony with the rest of the curb to which it is joined. All work done in compliance with the provisions of this section shall be under the supervision of the City Engineer and subject to his approval. (Digest 1934, Sec. 470)

Chapter 9.20

GRADES AND ELEVATIONS

Sections:

- 9.20.01 To be established by ordinance
- 9.20.02 Shape of cross section and elevations thereof
- 9.20.03 Longitudinal slope of grade
- 9.20.04 Grades of gutters
- 9.20.05 Curb and walk grade

9.20.01 To be established by ordinance. No grade or official elevation shall be used except mean sea level as established by the U.S.G.S.

9.20.02 Shape of cross section and elevations thereof. The shape of the cross section and the elevations thereof shall be fixed at the time the street is improved depending upon the material used for paving. (Digest 1934, Sec. 502)

9.20.03 Longitudinal slope of grade. The longitudinal slope of grade of the street or walk shall be on straight lines connecting the points where the elevations are fixed, excepting that where the grade breaks in the block between the intersecting streets, the roadway and curbs shall be on vertical curves of such length and kind that allowable cross slope of the sidewalks will be maintained. (Digest 1934, Sec. 503))

9.20.04 Grades of gutters. The grades of the gutters shall be so fixed that the extreme height between the tops of the curbs and the bottoms of the gutters shall not exceed one (1) foot. (Digest 1934, Sec. 505)

9.20.05 Curb and walk grade. On all streets improved here- after, the elevation of the curb line shall be the same elevation as the center of the street; the inside line of the walk shall be four

Com-09-078: Discussion Item: Ongoing

City of Jonesboro Sidewalk Policy

Current Ordinance Text:

AN ORDINANCE ADOPTING A POLICY AND PROCEDURE FOR THE REQUIREMENT OF SIDEWALKS ON ALL NEW DEVELOPMENT

Sidewalks Required:

(a) Multi-family and Commercial Development. Sidewalks shall be required for all multi-family developments that contain five (5) units or more, and Sidewalks may be required through the site plan-approval process for commercial developments. (Should Institutional uses be included?)

(b) Construction Standards. Sidewalks shall be constructed in accordance with all applicable City standards and specifications, and with all applicable ADA (Americans with Disabilities Act) requirements. If detached and set back at least five feet (5') from the back of the curb, such sidewalks shall have a minimum width of four feet (4'). If attached to the curb or located closer than five feet (5') to the curb, such sidewalks shall have a minimum width of five feet (5').

(c) Timing of Installation. Required sidewalks shall be installed prior to occupancy of any structure.

(a) No-permit shall be issued for the construction of a new building on property located on an arterial or collector street and zoned for a commercial, office or multi-family use unless a sidewalk exists adjacent to the property along the arterial or collector street or unless the plans for the building provide for the construction of such a sidewalk. The requirements of this section shall not apply to construction of accessory buildings.

(d) No certificate of occupancy shall be issued for any building described in subsection (a) if the building plans provide for construction of a sidewalk along an arterial or collector street unless the sidewalk has been constructed or the property owner has provided a bond, or other instrument acceptable to the director of public works guaranteeing construction of the sidewalk within six (6) months of issuance of the certificate of occupancy.

Waiver Process:

(a) Upon application of the property owner, the city council shall waive the requirement of this section to provide plans for and construct a sidewalk if the council determines that the sidewalk is not needed or that the impact of the proposed development does not justify the requirement that the sidewalk be constructed or that there is a reasonable likelihood that the sidewalk would have to be removed and reconstructed in the near future. The granting of a waiver shall not affect the power of the city council to later install sidewalks adjacent to

the property and levy special assessments against the property for construction of the sidewalks.

(b) In determining the need for the sidewalk and whether the impact of the proposed development justifies the requirement that the sidewalk be built, the City Council shall consider all relevant factors such as:

(1) Pedestrian traffic generators such as parks and schools in the area,

(2) the existence of a sidewalk network in the area,

(3) the density of current and future development in the area,

(4) the amount of pedestrian traffic likely to be generated by the proposed development,

(5) the cost of constructing the sidewalk,

(6) whether the terrain is such that a sidewalk is physically feasible, and

(7) the extent to which trees, ground cover and natural areas would be impacted by the sidewalk.

[Option for Waiver: Appeal to the Board of Zoning Adjustments???]

Examples of Sidewalk Policies- Various Cities

City of Conway, AR- Subdivision Ordinance

SIDEWALK DESIGN REQUIREMENTS

SECTION 9. SIDEWALKS

Sidewalks shall be constructed within any subdivision in accordance with these regulations. The minimum construction requirements for sidewalks are as follows: 1. Sidewalks shall be constructed on both sides of all streets within all zoning districts within Conway city limits and within the Conway Territorial Jurisdiction.

Exceptions:

A. A minor replat not creating any new lots shall not require the construction of sidewalks or payment of sidewalk in-lieu fees.

B. Subdivisions in the I-3 zoning district are not required to construct sidewalks or pay sidewalk in-lieu fees.

C. Large lot subdivisions outside the city limits and within Conway's Territorial Jurisdiction are not required to construct sidewalks. A large lot subdivision is defined as a subdivision having lots with greater than 150 feet of street frontage.
2. All sidewalks shall be handicapped accessible to public streets at street corners and at designated mid-block public service drives/alleyways. Sidewalks shall meet American Disability Act standards.

3. Sidewalks As Part of Commercial, Multi-Family, and Mixed Use Developments: Sidewalks along streets in commercial, multi-family, and mixed use subdivisions shall be constructed concurrently with building construction as part of site development review. Sidewalks shall be the responsibility of the builder/owner, not the subdivider. The sidewalk shall be installed prior to the final inspection and issuance of a certificate of occupancy. However, the subdivider/developer of commercial subdivisions/replats with pre-existing development shall be required to meet the sidewalk provisions of Article 1101 Development Review of the Conway Zoning Ordinance.

4. Sidewalks Along Residential Streets: Sidewalks along streets with residential lots shall be constructed by the homeowner/builder. The sidewalk shall be installed prior to the final inspection and issuance of a certificate of occupancy. Subdivisons which received preliminary plat approval prior to October 31, 2005 shall be exempt from the requirement to construct sidewalks on residential streets, however, these subdivions with residential exemptions shall include sidewalks along both sides of streets classified as collector or above.

5. Sidewalks along streets on unbuildable, green space, and other permanently vacant lots will be the responsibility of the subdivider/developer.

6. When a subdivider/developer creates double frontage lots with one side along a street classified as a collector or above, the subdivider/developer shall construct sidewalks

along the collector or greater street frontage.

7. When a subdivider/developer creates a residential boundary street, the subdivider developer shall construct sidewalks along previously developed lots.

8. Any subdivider/developer required sidewalk shall be constructed concurrently with other subdivision infrastructure. Such construction shall be completed or assurance for construction shall be required along with other infrastructure improvements prior to filing of the final plat.

9. All sidewalk construction, locations, and responsibility for construction shall be clearly identified on the final plat. Detailed sidewalk construction drawings coordinating sidewalks with other street/lot/easement infrastructure shall be shown on or included with the final plat.

10. The subdivider/developer may request a waiver from the required sidewalk construction. The Planning Commission should grant this money in-lieu of sidewalk construction only in extreme circumstances. The Planning Commission shall review the following factors to determine whether or not to grant this waiver:

- Pedestrian traffic generators such as parks and schools in the area.
- The existence of a sidewalk network in the area.
- The density of current and future development in the area.
- The amount of pedestrian traffic likely to be generated by the proposed development.
- Whether the terrain is such that a sidewalk is physically practical and feasible, and
- the extent to which trees, ground cover, and natural areas would be adversely impacted by the construction of the sidewalk.
- The design of the subdivision such that utilities, the location of structures, rights of way, easements, etc., create conditions making sidewalks impractical.
- The overall need for a sidewalk to be constructed on the lot.
- If a waiver is granted, the subdivider/developer shall contribute an amount of money in lieu of sidewalk construction equal to \$15 per linear foot of the required sidewalk. This in-lieu fee shall be subject to a maximum fee equivalent to one hundred twenty five (125) feet per street frontage. This maximum in-lieu fee will be retro-active to subdivisions filed after January 1, 2008. This money shall be deposited into a general sidewalk fund to be used solely for the addition of new sidewalks and maintenance of the existing sidewalk network. The dispersal of money from this sidewalk fund shall be at the discretion of the Conway City Council. Contributions to this fund are to be expended within two (2) years to serve a sidewalk project. This per linear foot in-lieu fee shall be reviewed by the City Council at least every five (5) years. The Planning Commission may also grant a waiver to construct an internal pedestrian trail system in lieu of the required sidewalks. The pedestrian trail right of way shall be clearly noted on the final plat. Specifications for the right of way width, trail pavement, and other specifications shall be determined by the City Engineer and Director of Planning and Development.
- A subdivider/developer may appeal the sidewalk construction requirement/in-lieu fee to the City Council. The City Council shall use the above waiver factors to determine if an exception may be made. If the Council makes an exception, the subdivider/developer

shall construct an equivalent amount of sidewalk in a location designated by the City Council.

11. Aside from the required sidewalks along collectors and arterials, an internalized pedestrian circulation system in the form of pathways, either along streets or not, may be constructed within subdivisions upon the request of the applicant and the approval of the Planning Commission. The system may be allowed to deviate from the construction requirements set out otherwise in this section, as long as the minimum dimensional requirements are met. (Ordinance-08-94)

(12) Sidewalks are to be constructed as required within the Conway city limits and within the Conway Territorial Jurisdiction. Subdivisions developed with open ditch design standards as addressed in Table 2, "Street Classifications and Design Standards", are also required to construct sidewalks.

(13) Sidewalk Specifications

(A) Size. Sidewalks shall be a minimum of five (5) feet wide and four (4) inches thick with the cross section approved by the City Engineer.

(B) Grades; establishment of property lines. All sidewalks, streets curbing and guttering, and driveway approaches shall be constructed in grades as established by the city official. It shall be the responsibility of the owner to establish property lines by competent survey at his/her own expense.

(C) Sidewalk distances from the curb. The sidewalk shall be installed in the dedicated public right of way. The edge closest to the street shall generally be a minimum of five and one-half (5.5) feet from the back of the curb line unless specifically approved otherwise.

(D) Cement-concrete requirements. All sidewalks shall be constructed of a portland cement concrete mixture which will produce a concrete of a compressive strength of three thousand (3,000) pounds per square inch after 28 days set under standard laboratory methods.

(E) ADA guidelines. Sidewalks shall conform to the latest ADA guidelines.
(F) Sidewalk grade continuous through driveways. Driveways shall be constructed to conform to the slope and grade required to accommodate the sidewalk.

(G) Sidewalk elevation. The sidewalk elevation shall be two (2) percent above the top of the curb, sloping two percent towards the curb (one-fourth inch in each foot). This elevation shall be continuous through the driveway approach.

(H) Driveway approach. The area remaining between the sidewalk and the flow-line of the gutter, called the approach to the driveway, shall slope up to the elevation of the sidewalk.

(I) Joint material. Wood shall not be acceptable in sidewalks for expansion joints. The joint material shall be the same as approved for AHTD sidewalk construction (AASHTO M 213).

(J) Expansion joint. Full depth expansion joints (four inches) shall be provided at intervals not greater than 50 feet. One-quarter depth (one inch) weakened plane joints, or saw-cut joints, shall be placed in sidewalk at regular intervals not greater than 5 feet apart.

(K) Edges. All sidewalks shall have one-half (1/2) inch rolled edges.

(L) Removal/replacement. Removal and replacement of broken sidewalks require vertical saw-cuts on both ends of the sidewalk being replaced.

Design Variance. A variance from these design standards may be granted for topographical difficulties, tree preservation, aesthetics, etc. The Planning Commission must approve these variances. Field variances, for location only, may be granted upon agreement of the City Engineer and Planning Director, if special situations justify such variances. Special conditions may be required in order to grant the variances. (Ordinance No. O-05-122 for all of SECTION 9)

City of Rogers, AR

ARTICLE V. SIDEWALKS*

Sec. 106-201. Subdivisions and new development generally.

(a) Sidewalks shall be installed according to city standards and specifications, as adopted by the city council, along both sides of all streets in all subdivisions platted after January 1, 1990; and along one or both sides of all streets, as is applicable, in all other new development which is required to submit a large-scale development plan.

(b) All sidewalks shall be constructed to the following specifications:

(1) Sidewalks shall be located at the back of the curb or up to five feet from the back of the curb.

(2) Handicapped curb ramps shall be provided wherever a sidewalk crosses a curb at crosswalks, driveways and street intersections.

(3) Sidewalks shall be constructed on a compacted subgrade which is free from dust pockets, ruts and other defects.

(4) Sidewalks shall be constructed of Portland cement concrete with a minimum 28-day compressive strength of 3,000 pounds per square inch.

(5) Sidewalks shall be constructed with a minimum transverse slope of one-fourth inch per foot.

(6) Sidewalks shall be 48 inches wide.

(7) The concrete shall be four inches. The planning authority or street authority may require a four-inch base if the subgrade is not compacted.

(8) Expansion joints shall be 25 feet apart.

(9) Transverse joints between expansion joints shall be scored at five-foot intervals.

(10) Sidewalks shall be finished with a wood float to a smooth and even surface.

(11) Sidewalk subgrade shall be inspected prior to pouring the sidewalk.

(12) The city planning authority or street authority shall have the discretion and authority to grant exceptions in order to accomplish reasonable continuity in sidewalks.

(13) The property owner shall be responsible for repair and maintenance of the sidewalk, and this requirement shall be included in the protective covenants and on the face of the plat.

(14) In existing subdivisions that are covered by this section, the developer shall submit suggestions pertaining to sidewalk location to the city planner. The developer, city planner and city council committee chairman shall make the final decision on the location.

(15) In new subdivisions, sidewalks shall be laid out by the developer on the plat and presented to the planning commission for approval at the same time as the streets. The developer will have the flexibility to choose where the sidewalks are located and to design his sidewalk system based on the terrain, necessity, functional utility, etc. Final approval location cannot be changed without the approval of the planning commission.

(c) If the sidewalk is not installed per the large-scale development plan as required above, the record owner of the land shall be subject to a fine not to exceed \$250.00; and each day that the

violation exists shall constitute a separate offense. In addition, the city shall have the right to install the sidewalk and charge the cost thereof to the owner; and the city shall have a lien against the land for such costs.

(Code 1982, § 51-13)

Sec. 106-202. Residential subdivisions.

In residential subdivisions, the sidewalk will be installed by the city. The developer at the time of final plat approval shall pay to the city the monies necessary to construct the sidewalk in the subdivision. The amount necessary shall be determined by the city planning authority. (Code 1982, § 51-14)

Sec. 106-203. Installation prior to issuance of certificate of occupancy.

In all other development, the sidewalk shall be installed prior to issuance of a certificate of occupancy; provided, however, bond may be posted with the city for the estimated cost of construction of the sidewalk.

(Code 1982, § 51-15)

Sec. 106-204. Grass strip.

If there is a strip between the sidewalk and the curbing, it shall be set in grass and be graded to a level with both the sidewalk and the curb. (Code 1982, § 51-21)

Sec. 106-205. Trees.

(a) Location. If a grass strip exists between the sidewalk and curb and shade trees are planted in the grass strip, they shall be set in rows in the center of the strip.

(b) *Trimming.* The owner of the abutting lot shall keep the trees trimmed so that no branches, limbs or leaves shall overhang the sidewalk or street lower than eight feet from the ground. (Code 1982, §§ 51-22, 51-23)

Sec. 106-206. Additional requirements.

In addition to the above requirements of this article, sidewalks shall be constructed in accordance with the American National Standards Institutes' Accessibility Requirements (ANSIA 117.1).

Little Rock, AR

FUNCTION: The Local Street function is to provide access to adjacent property. The movement of traffic is a secondary purpose. Residential street use by heavy trucks and buses should be minimized. The Local Street generally has a right-of-way of 50 feet. In suburban locations with large acreage single family tracts, Local Streets may be designed with paved shoulders and open space drainage. In the case of short residential Local Streets, a lesser standard is allowed.

Local Streets which are abutted by non-residential zoning or use are considered "Commercial Streets". In addition to non-residential zoning and use, if the adjoining land is more intense residential than duplex or two-unit residential, then the Local Street is a Commercial Street. A

Commercial Street has a design standard (right-of-way, width, etc.) the same as a Collector except sidewalks are required on both sides on Commercial public streets.

At the time of Subdivision approval by the Little Rock Planning Commission, the various types of Local Streets will be approved with the recommendation of the City Staff.

with the secondary function of providing access to adjoining property. The Collector system should not be continuous but should direct traffic to Arterials. This class of road is generally at a spacing of a quarter to a half-mile.

The spacing of Collectors may be decreased and/or the right-of-way and paving surface increased due to density of residential development and locations of commercial areas or other large traffic generators. At the time of the subdivision, the exact location and additional need for Collectors will be determined by the Little Rock Planning Commission upon advice of the City Staff. Certain Collectors have special design standards. For a list of these Collectors, see page.

DESIGN STANDARDS:

Sidewalks Required One side for residential land use. Both sides for publicly maintained commercial streets.

FUNCTION: A Collector street is the traffic connection from Local Streets to Arterials or to activity centers, with the secondary function of providing access to adjoining property. The Collector system should not be continuous but should direct traffic to Arterials. This class of road is generally at a spacing of a quarter to a half-mile.

DESIGN: The spacing of Collectors may be decreased and/or the right-of-way and paving surface increased due to density of residential development and locations of commercial areas or other large traffic generators. At the time of the subdivision, the exact location and additional need for Collectors will be determined by the Little Rock Planning Commission upon advice of the City Staff. Sidewalks are required on one side of Collector streets, but are required on both sides of Commercial Streets. Local public streets which are abutted by nonresidential zoning or use are considered "Commercial Streets". In addition to non-residential zoning and use, if the adjoining land is more intense residential than duplex or two-unit residential, then the Local Street is a Commercial Street. This type of street has a design standard (right-of-way, width, etc.) the same as a Collector. Certain Collectors have special design standards. For a list of these Collectors, see page 19.

R-09-43

RESOLUTION NO.

A RESOLUTION EXPRESSING THE DESIRE OF THE CITY OF NORTH LITTLE ROCK TO ADOPT A "COMPLETE STREETS" POLICY; AND FOR OTHER PURPOSES.

WHEREAS, increasing walking and bicycling offers the potential for cleaner air, improved health of the population, reduced traffic congestion, a more livable community, less reliance on fossil fuels and their foreign supply sources, and more efficient use of road space and resources; and

WHEREAS, the City of North Little ("the City") desires to advance a policy for "Complete Streets," the term given to streets that accommodate all forms of travel (automobiles, bicycles, pedestrians, transit, and freight) in a relatively safe environment on all City streets and highways; and

WHEREAS, the City adopted a Master Street Plan (Ordinance No. 7932) which proposes a network of streets and highways with design features to properly accommodate pedestrians and all types of vehicular movement, including a bicycle plan element that specifically defines proposed trails, on-street bike lanes and bike routes; and

WHEREAS, the guiding principle for a Complete Streets Policy for the City is to design, operate and maintain all City streets to promote safe and convenient access for all users (pedestrians, bicyclists, transit riders, motor vehicle drivers, etc.) in a manner consistent with, and supportive of, the surrounding community, with improvements to include an array of facilities and amenities recognized as contributing to Complete Streets (e.g. sidewalks to the Americans With Disabilities [ADA] standards, lighting, street trees, bicycle safety improvements, public transit facilities, drainage, and like features.).

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTH LITTLE ROCK, ARKANSAS:

SECTION 1: That the City of North Little Rock supports the creation of "Complete Streets" and will implement policies and procedures in regard to the construction, reconstruction or other changes of transportation facilities on local streets and highways (including capital improvements, re-channelization projects and major maintenance) in keeping with the goals of proper accommodation of all forms of travel and in keeping with the design specification of the Master Street Plan, recognizing that all streets are different, and in each case, user needs must be balanced.

SECTION 3: That Complete Streets may be achieved through single projects or incrementally in a series of smaller improvements or maintenance activities over a period of time, utilizing maximum financial flexibility with the intent that all sources of transportation funding opportunities will be drawn upon to implement Complete Streets.

SECTION 4: That this Resolution shall be in full force and effect from and after its passage and approval.

PASSED:

APPROVED:

SPONSOR:

ATTEST:

Alderman Charlie Hight

Diane Whitbey, City Clerk

Mayor Patrick H. Hays

APPROVED AS TO FORM:

C. Jason Carter, City Attorney

PREPARED BY THE OFFICE OF THE CITY ATTORNEY/b

City of Jonesboro MAPC minutes: July 14, 2009:

Sidewalk Policy:

Mr. Spriggs explained the agenda item, Sidewalk Policy which was initiated by our Public Works Council Committee. Our current code states that the sidewalks may be required on Commercial Developments and are required on multi-family developments.

We have reviewed other cities where waivers are considered under special circumstances in areas where there is no need for connectivity. Some have in-lieu of construction approaches where you may pay a certain dollar amount per linear feet, to offset the costs to place or repair sidewalks in areas that promote connectivity or near schools or areas underserved. We are asking you to consider developing a policy.

Pamela Alexander/Beverly Parker addressed the MAPC:

Beverly Parker: I represent the Center On Aging Northeast. We are working with a number of institutions. We are planning to study walkability of Jonesboro area. This connects in terms of livable of communities want people to walk to school and the grocery store and there are instances where that is not possible. We appreciate you looking at this. We do have suggestions of the written code.

Pam Alexander: We do endorse and are happy that you are considering this; we are in favor with institutions included. We are concern with setbacks from the curbs and having them be required for safety an comfortability when walking the standards; they do not allow for safety and comfort that is needed. It is the standard around the country. We are concerned if cars are parked and hanging over the sidewalks. In a lot of places 6 ft. widths for sidewalks is the standard. At ASU it is the minimum standards. Where it has to be next to the curb the mini8mum is 10 ft. People gravitate towards the middle and we are concerned with 4 or 5 ft. widths. It only allows for one person at a time; it is not enough for 2 people.

If we want to promote walkablility; we are behind the curve to put these standards in place. Obstructions: I would ask that there be some design specifications around utility poles, fire hydrants.

We are interested in if there have been existing that any new construction connects to those sidewalks. Waivers: I am concerned about waivers; it is the developer to save their client money. I would be an advocate of the fee if a waiver is granted that funds can be used for further construction at a later date.

Beverly Parker: This group of collaborators, plan to do a walkability study in Jonesboro, AR with the AARP on October 8th. The City is involved with this event.

Ms. Alexander: We will be looking at the Caraway Stadium Drive area and will be going north, then going to ASU; we are concerned about Phillips Drive. The hotel visitors are

a concern. We will look at the corridors going West Matthews /Washington going towards downtown.

City of Jonesboro MAPC Minutes: June 9, 2009

Policy and Procedure for sidewalk requirements for all new development within the City of Jonesboro. Article/Section 14.36.07 Sidewalks requirement-Multi-family and Commercial Developments.

Mr. Spriggs presented another item that he is taking before the Public Work's Council Committee, on behalf of some city council members and the Mayor, that may require sidewalks. In the ordinance under the sidewalk section it does give the Planning Commission the liberty to consider and require sidewalks on both multi-family and commercial developments. One gives the requirement and one gives the option. We are requesting you to look at that ordinance in consideration as well and make recommendation to the Council Committee once we place that on their agenda. As you recall there has been interest of the public and awareness in terms of safety in areas that surround school district and heavy traffic areas. We're hoping we will develop some type of sidewalk plan that'll address that pedestrian activity and we are requesting that you somehow forward a recommendation to the public works committee when they look at this. There will be other opportunities for the public to be involved with this in terms of developers and also the general public.

Public Comments:

Mr. Carter, stated he walks about the city, not all sections but most. The habits of not requiring sidewalks is not a good habit. Walking is becoming more common but there is no practical way for the City to go back and requiring it in all case. The property owners will be against it. You need to require it now across the board. It will not be impossible it is not satisfactory for the City and this Commission to be so considerate of what I consider the developer's desire not to require sidewalks; they were required in the past.

I request that you give some serious consideration for sidewalks in all of these areas and take it into consideration; no it is not practically impossible to start a sidewalk study. We let the situation go; we are going to go back and require it. The only way to do it is take it incrementally as the city grows- and do it incrementally. You will have people like me walking down the middle of the road and the side of the road. The back seat sidewalks have taken some a mile around here even where they are not in good repair; some vegetation over growing them. Building from scratch is a hopeless case. Thank you.



Legislation Details (With Text)

File #:	RES-15:165	Version: 1	Name:	Joint funding agreement with streamgages	USGS for two
Туре:	Resolution		Status:	To Be Introduced	
File created:	11/9/2015		In control:	Public Works Council Comm	ittee
On agenda:			Final action:		
Title:	AGREEMENT	WITH THE U.	S. GEOLOGICA	DRO, ARKANSAS TO CONTINU _ SURVEY, UNITED STATES DE NTENANCE OF TWO STREAMO	EPARTMENT OF THE
Sponsors:	Engineering				
Indexes:	Contract				
Code sections:					
Attachments:	2016 Agreeme	<u>ent</u>			
Date	Ver. Action By	1	٩	ction	Result

A RESOLUTION TO THE CITY OF JONESBORO, ARKANSAS TO CONTINUE A JOINT FUNDING AGREEMENT WITH THE U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR FOR THE OPERATION AND MAINTENANCE OF TWO STREAMGAGES IN JONESBORO WHEREAS, the City of Jonesboro has desires to continue a Joint Funding Agreement (attached) with the U.S. Geological Survey, United States Department of the Interior for the operation and maintenance of two streamgages in Jonesboro;

WHEREAS, the two streamgage monitoring locations in Jonesboro are located on Lost Creek and Whiteman Creek at Access Road;

WHEREAS, the funding for the annual operation and maintenance cost shall come from the Capital Improvements budget

NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL FOR THE CITY OF JONESBORO, ARKANSAS THAT:

Section 1: That the City of Jonesboro shall continue a Joint Funding Agreement with the U.S. Geological Survey, United States Department of the Interior for the operation and maintenance of two streamgages in Jonesboro

Section 2: The funding for operation and management cost shall come from the Capital Improvements budget.

Section 3: The Mayor and the City Clerk are hereby authorized by the City Council for the City of Jonesboro to execute all documents necessary to effectuate this agreement.

Form 9-1366 (April 2015)

U.S. DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Customer #: 600000783 Agreement #: 16ESAR000000016 Project #: TIN #: 71-6013749 Fixed Cost Agreement YES

JOINT FUNDING AGREEMENT TIN #:

FOR

Water Resources Investigations

THIS AGREEMENT is entered into as of the, 1st day of January, 2016 by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the CITY OF JONESBORO, party of the second part.

- The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for operation and maintenance of the two streamgages, Whiteman's Creek at Industrial Drive and Lost Creek at Floyd Street in Jonesboro herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
- 2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of

(a)	by the party of the first part du	ing the period				
	Amount	•	Date	to	Date	
	\$0.00	Janua	ary 1, 2016		December 31, 2016	
(b)	by the party of the second part	during the period	ł			
	Amount		Date	to	Date	
	\$28,300.00	Janua	ary 1, 2016		December 31, 2016	

(c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of:

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
- 3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
- 4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
- 5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
- 6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

600000783

- 7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
- 8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

	U.S. Geological Survey United States Department of the Interior		CITY OF JONESBORO	
	USGS Point of Contact		Customer Point of Contact	
Name:	Jaysson E. Funkhouser	Name:	Harold Perrin	
Address:	USGS LMG Water Science Center Little Rock Office 401 Hardin Road Little Rock, AR 72211	Address:	City of Jonesboro 300 S Church Street Jonesboro, AR 72401	
Telephone:	(501) 766-3663	Telephone:	(870) 932-2438	
Email:	jefunkho@usgs.gov	Email:		
	Sig	natures and Date	· · · · ·	
Signature:	Unfrie 11/9/1	:: Signature:		Date:
Name:	W. Seoth Gain	Name:	Harold Perrin	
Title:	Director, USGS LMG Water Science Center	Title:	Mayor, City of Jonesboro	