

**CITY OF JONESBORO****Agreement for Professional Services for Various  
Drainage Projects within the City of Jonesboro**

**Project Description:** 1700 Block of West Warner Avenue Flood Abatement

**Project Scope:** As described in a meeting between Fisher & Arnold, Inc. and representatives of the City of Jonesboro, four homes in the 1700 block of West Warner Avenue were flooded to some degree during an intense rainfall event on July 11, 2006. Fisher & Arnold, Inc. will perform necessary site reconnaissance, surveys and hydraulic analysis to determine the capacity of the existing network of open ditches, pipes, inlets and box culverts within this drainage basin that have a direct impact on the flooded homes in question. After this analysis is complete several conceptual plans to minimize and/or alleviate future flooding in this area. These conceptual plans will be developed based upon the City of Jonesboro's Drainage Design Manual. Provided with these conceptual drawings will be opinions of probable costs for each alternative.

We agree that based on the attached rates for professional services and for an amount not to exceed **\$8,900.00** we will provide to the City of Jonesboro on or before the date of July 31, 2006 at 5:00 P.M. the following:

1. Conceptual drawings of possible alternatives to remediate the above described drainage problems.
2. A preliminary estimate for each alternative or option presented.
3. A fee proposal for professional services to be required after this preliminary analysis is complete based on percent of construction costs and rate schedule for additional work.
4. A progress schedule to include both Engineering Services and Construction.

The City of Jonesboro will furnish the following:

1. Aerial photography with 2' contours for the project area.
2. Any available Hydrological or Hydraulic information available.
3. Historic evidence and observations of flooding in the area.
4. Format for submitting preliminary estimates for the project to include Engineering and Construction costs.