



## **STORMWATER DRAINAGE SYSTEM AS-BUILT PLANS**

The City of Little Rock Public Works requests as-built plans and information submitted from the engineer of record with final plats; requests for certificate of occupancies on building permits; and following street and drainage infrastructure construction projects beginning on **July 15, 2014**. Plans and information should be provided on public and private stormwater drainage systems installed and modified.

PAGIS with the assistance of the City of Little Rock and other municipalities in Pulaski County are starting a new program to capture and publish stormwater drainage system information in Pulaski County for use by the public, engineers, surveyors, utilities, contractors, emergency responders, and others. This process will produce maps similar to the PAGIS application for Central Arkansas Water water lines and Little Rock Wastewater Utility sewer lines (<http://www.pagis.org/>).

The As-Built Plans for stormwater system within public and private properties, right-of-ways, and easements should contain the following information:

- Drainage system type (inlet, area drain, culvert, open channel, detention basin, stream, canal ditch, unchannelized flow);
- Quantity (ft);
- Construction material;
- Dimensions or pipe size (ft/in);
- Cross Section (arch, circular, horseshoe, oblong, rectangular, trapezoidal, triangular);
- Depth of the opening of street inlet or open channel (in);
- Top width of the opening of inlet or open channel (in);
- Bottom width of the opening of inlet or open channel (in);
- Invert elevation of the head of the channel or pipe;
- Invert elevation of the tail of the channel or pipe;
- Slope of the linear drainage feature (%);
- Depth from rim to the bottom of the head of the channel or pipe (in);
- Depth from rim to the bottom of the tail of the channel or pipe (in);
- Public or private identification; and
- Stream name;
- plans are to be geo-referenced to Arkansas State Plane North NAD 83.

The as-built plans should be submitted in electronic file form in either **ArcGIS files or AutoCAD DWG** file format. The plans should be uploaded to an established City of Little Rock Public Works FTP site. Use an FTP client to connect to [www.littlerock.org](http://www.littlerock.org) or go to <ftp://web.littlerock.org/> using a web browser for download only. Go to the Public Works/Civil Engineering folder to upload or download information. User ID and password information can be obtained by contacting the Public Works, Civil Engineering section at 501-371-4811.

For additional information, contact Vince Floriani by email at [vfloriani@littlerock.org](mailto:vfloriani@littlerock.org) or by telephone at 501-371-4817 and Nathan Charles by email at [ncharles@littlerock.org](mailto:ncharles@littlerock.org) or by telephone at 501-918-5348.