



CITY COUNCIL AGENDA ITEMS

To: Mayor Graham and City Council
From: Dennis Sullivan, Director of Engineering & Public Works
Walter Denton, City Administrator
Date: March 7, 2005
Subject: RESOLUTION - Agreement with Burns & McDonnell for GIS Mapping

List of committees that have reviewed: Public Works Committee.

Background: Currently, the City's water system data is not compatible with state-of-art software and methods used to analyze water distribution systems. In our discussions with Illinois-American on shared pumping systems, we cannot provide the data needed for the analysis. The agreement with Burns & McDonnell is for creation of a *Microsoft Access* geodatabase for the Water Division's distribution system; an *ArcGIS* map book for the distribution system; and criteria for CAD submittal standards and protocols that will allow land developers' engineering firms to provide information that can directly be uploaded into the City's *ArcGIS* map book.

Legal Considerations, if any: None

Budget Impact: The \$92,300 cost of this necessary work will be funded through the deferral of the Union Hill Water Main Replacement originally programmed for accomplishment this fiscal year.

Staff recommendation: Staff recommends execution of the RESOLUTION.