



CITY COUNCIL AGENDA ITEMS

To: Mayor Graham and City Council
From: Dennis Sullivan, Director of Engineering & Public Works and
Walter Denton, City Administrator
Date: May 16, 2005
Subject: Burns & McDonnell Professional Service GIS Cityworks Geodatabase
Management Services

List of committees that have reviewed: This item has not been reviewed by Committee.

Background: The City has acquired parcel and roadway GIS data through St. Clair County and its 911 office and is in the process of building infrastructure data for sewer, water, storm sewer and traffic control assets via various outside contractors. As the data is received, it needs to be loaded into our geodatabase so that our computerized maintenance management system can track maintenance history and preventive maintenance cycles for assets such as roads, sewer mains, manholes, storm sewer catch basins, traffic signs, etc. City staff does not currently have the appropriate software, expertise or time to perform this function in-house. Burns and McDonnell is under contract to perform this database management task for water system data gathered as part of the Water Distribution Study/Mapping Project. We are currently ready to load roadway map data received from 911 and sewer main, manhole and lift station data received from Gateway Geospatial. We anticipate that additional data will be ready for sewer assets from Gateway Geospatial and that storm sewer and traffic sign data will be available from the GIS Resource Center of Southwestern Illinois in coming weeks. Under this project authorization, Burns and McDonnell will load this data and provide assistance with setting up protocols for future data loads.

Legal Considerations, if any: This project authorization references the Agreement for Professional Engineering Services between the City of O'Fallon and Burns & McDonnell establishing a fee schedule for general engineering support.

Budget Impact: Money has been allocated for this work in the FY2006 Budget.

Staff recommendation: Staff recommends authorizing this project with Burns and McDonnell for an amount not to exceed \$11,100.