

### 6.3.2

### Franklin County LBRS

#### **Presenter**

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The Mid Ohio Regional Planning Commission (MORPC) is respectfully submitting the Franklin County LBRS for consideration as a presentation at the 2011 AASHTO GIS Transportation Conference. The first phase of the project is complete, and implementation is in process. A second phase of the project is in development to address merging multiple county files and providing access for non-GIS users.

The Franklin County LBRS is part of a statewide initiative whereby counties in Ohio develop and maintain digital centerline and address files to provide current data to emergency response services, and to have a comprehensive road file for managing roadway service programs such as paving, snowplowing, and road maintenance. Franklin County is a large urban county in central Ohio with a population of approximately 1.1 million people, including the city of Columbus. Through an innovative approach, the Franklin County LBRS file is maintained through simultaneous editing by multiple jurisdictions. The master file is stored on MORPC's server, and replications of the file are sent across the internet to seven communities that have ESRI ArcInfo or ArcEditor software. These replications are viewed and edited at local government offices. The edits are synchronized back up to the master file, and changes made by any participating agencies can immediately be seen by the other jurisdictions. As a result, critical on-demand files can be grabbed at any time by local agencies, especially safety service agencies for importing into their dispatching systems. This project involved extensive coordination including soliciting multiple funding sources, gaining political support, engaging a technical review team, and continuing maintenance team meetings.