

AGENDA

**MCLEAN COUNTY GIS MANAGEMENT
COMMITTEE MEETING
FRIDAY, April 19th, 2002, [10:30 A.M.]**

MCLEAN COUNTY HIGHWAY DEPARTMENT

1. Call to Order

2. Administrative Matters

- a. Review of the Minutes from the March 15th, 2002 meeting of the GIS Committee
- b. Financial Report

3. Downs\Lexington Topographic Mapping Project Report

4. ArcGIS Training Report

5. Priority Projects

- a. Cadastral Mapping
- b. Aerial Photography
- c. Intranet Map Server
- d. Soils Data

6. Executive Session

7. Other Matters of Business or Discussion that May Arise

8. Next Meeting

9. Adjournment

MINUTES

MCLEAN COUNTY GIS MANAGEMENT COMMITTEE MEETING

FRIDAY, March 15th, 2001, 10:30 A.M.

MCLEAN COUNTY HIGHWAY DEPARTMENT

Members Present

Paul Russell, Director - McLean County Regional Planning Commission; George Drye, Director of Engineering and Water - City of Bloomington; Mike Hall, - Town of Normal; John Mitchell, County Engineer - McLean County Highway Department.

Members Absent

Bill Gamblin, E911 Administrator - McLean County E-911, Michael Ireland, Assessor - City of Bloomington Township.

Others Present

Phil Dick, Director of Building and Zoning - McLean County; Bill Jackson, GIS Programmer/Analyst - McLean County Regional Planning Commission; Kevin Kothe, Information Systems Engineer - City of Bloomington; Ken Emmons, City Planner - City of Bloomington; Troy Olson, GIS Specialist - McLean County Regional Planning Commission; Russ Warren, Senior Designer - Farnsworth Group; Stephen Sochotsky, GIS Specialist - Town of Normal; Mike Behary, County Planner - McLean County; Bayo Adanri, Town Planner - Town of Normal; Kevin Walter - Assessor's Office - McLean County.

1. Call to Order

The meeting commenced at 10:30 a.m.

2. Administrative Matters

a. Review of the Minutes from the February, 15th 2001 meeting of the GIS Committee

No changes to the minutes were noted, minutes were approved.

b. Financial Report

No questions, comments, or changes noted.

3. New Hire

Mr. Mather announced the hiring of Matt Hughes for the GIS Specialist position. He will be participating in the ArcGIS training the week of March 25th and will be starting work April 3rd.

4. Downs-Lexington Topographic Mapping Project

Mr. Mather discussed an RFP that was sent out to about 9 companies for the acquisition of topographic data via Light Detection and Ranging (LiDAR). Generation of contours for 14 square miles is planned, including; 10 square miles for the Village of Downs, and 4 square miles for the City of Lexington. The project will also include acquisition of elevation points for an additional 28 square miles with option for contour development. Mr. Mather indicated estimates were received for two separate methods for acquiring contour data: LiDAR, and traditional photogrammetric methods, with costs ranging from \$78k-\$670k. Mr. Mather advised that Atlantic Technologies Inc., Huntsville, Alabama was the likely choice.

Mr. Mather stated that Downs and Lexington would fund the entire project with management and product QC provided by local GIS staff. An intergovernmental agreement would be formed between McLean County Regional Planning Commission and Downs-Lexington using the technical proposal as a reference. An additional contract would be formed with MCRPC and Atlantic Technologies. The Farnsworth Group would not be involved in the agreement.

The GIS Consortium would provide the aerial photography necessary for the development of further planimetric data and would benefit from control of how the data is acquired and the standards used. In return the GIS Consortium would have complete use of the topographic data, and be reimbursed for administration of the project.

Two Options Proposed

Both options are for products provided by Atlantic Technologies Inc.

Option A- Includes acquisition of spot elevations using LiDAR technology for entire 42 square mile area with development of contours for areas specific to Downs and Lexington for \$48k

Option B- Includes acquisition of spot elevations using LiDAR technology and development of contours for the entire 42 square mile area for \$74k.

For both options the deliverables include both ArcInfo coverage and CAD formats, as well as the raw data points.

Mr. Mather indicated that it would cost approximately \$917 per section for contour development for the remaining 28 square miles in the corridor. Mr. Dick asked if Atlantic Technologies would be willing to lock in a price for contour development if we decide to wait several years. Mr. Mather indicated that he would inquire about this.

Mr. Mather stated that the MCRPC would draft the agreements and run them by the county legal department. The members present agrees to pursue the \$48k option "A".

Priority Projects

a. Cadastral Mapping

Mr. Olson advised that approximately 46,000 parcels are now on the ArcIMS server. Also, an additional 2,500 parcels are in QC for Danvers Township (except for the north 12 sections), Allin Township, and the western portion of Dry Grove Township. Within two weeks, an additional 3,300 parcels will be received including Chenoa, Lexington and Blue Mound. The parcel delivery rate is now about 2,500-3,000 parcels per month with entire delivery expected by August 2002. There are 63,000 total parcels for the county. Mr. Olson advised that Akanda has hired two additional staff. He further stated that he has worked ahead several months with deliveries to Akanda including black/white aerial photography with all remaining aerial photography to be delivered by the following Monday. Mr. Olson is also busy preparing maintenance procedure documents for the new GIS hire.

b. Aerial Photography

Mr. Mather advised that urban delivery was expected by the end of May. Mr. Mather indicated that the problems with the artifacts in earlier deliveries had slowed down GRW.

c. Intranet Map Server

Mr. Jackson advised that he has modified the map layer table of contents to a "Tree" type menu. He also reminded the group that the color aerial photography for the rural county was available on the Intranet Map Server. Mr. Jackson discussed his meeting with McLean County Deputy Sheriff Jeff Thompson at which time he set up computer access to the Intranet Map Server and discussed the possibility of creating a shapefile extraction map server and future linking of IMS to the Integrated Justice System.

d. FEMA/Soils Data

Mr. Mather advised that FEMA data had been received. Mr. Warren asked whether Farnsworth Group could get a copy of the data. Mr. Mather raised the question whether the GIS consortium should be POC for distribution of the digital data or should people go to FEMA directly for the data. Mr. Drye stated that his office gave out the FEMA paper map to anyone who asked for a copy. Mr. Mather indicated that it would be appropriate to charge a small fee to cover handling and media costs.

Mr. Mather advised that the digital soils should be completed and received by the end of March.

e. ArcGIS Training

Mr. Mather advised that he will send out invoices to the local governments sending staff to the ArcGIS training by March 25th so that funds will be available to pay the ESRI bill sent after the class is completed.

6. Long Range Planning for MCGIS

Mr. Russell opened for discussion the topic of long range GIS planning as referenced by a letter sent by Mr. Ireland. Mr. Mather indicated that he interpreted the letter as a call for brainstorming on other ways else the GIS could be funded or structured. Some of the plans for the GIS will have to be postponed for 18 months due to budget constraints.

Mr. Russell advised that GIS staff were continuing to receive more frequent custom map requests and that these requests were not budgeted for. Mr. Russell suggested that consortium members may look at the recorder's fee and think there is a lot of money in the budget and forget that these funds were intended to be used to fund an applications developer. Mr. Hall stated that the applications developer should be viewed as a resource to assist the local governments with application development.

Mr. Dick suggested the consortium wait for Mr. Ireland to return before discussing the matter further. Mr. Dick suggested that since Mr. Ireland's office had received their cadastral data earlier than the county, they have had a greater opportunity to work with the data and request enhancements and that the county would like to receive cadastral delivery before asking for addition funds. Mr. Russell indicated that the county will not be billed until the cadastral is delivered, though he understands that it has been budgeted for.

Mr. Drye reminded the committee how difficult the funding situation can be when working with multiple governments. There is a need to plan well ahead of time.

Mr. Hall suggested that alternative funding solutions, such as enterprise GIS, should be discussed. Mr. Hall indicated that diversification of funding was not a bad idea and that there must be addition partners out there somewhere. When the cadastral project is completed we will have a product people will be excited about. Mr. Drye responded that we can't market a product that we don't have ready.

Mr. Mather suggested that ArcIMS training will be useful for showing people what data is available and show ways the data could be used. Mr. Russell posed the question: "What will be required of the participants to take advantage of the GIS?". Mr. Russell stated that the Planning Commission cannot provide all the GIS applications work, though they could help the users do it for themselves.

Mr. Russell, in conclusion, suggested that the consortium will need to continue to think about a framework for long range GIS planning and discuss this in future meetings.

7. Executive Session

No items to discuss.

8. Other Matters of Business or Discussion that May Arise

Mr. Mather discussed the upcoming ESRI annual user's conference in San Diego. The \$1000.00 registration fee is waived by ESRI with recent software purchases providing two open spots. The consortium needs to decide who should attend this conference.

9. Next Meeting

The next meeting of the GIS Committee will be held on Friday, April 19th, 2002, at 10:30 a.m. at the McLean County Highway Department.

10. Adjournment

The meeting was adjourned at 11:30 a.m.

Respectfully Submitted,

David Mather,
MCRPC GIS Coordinator