

AGENDA

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!TIME CHANGED!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

**MCLEAN COUNTY GIS MANAGEMENT  
COMMITTEE MEETING  
FRIDAY, July 26th, 2002, 9:00 A.M.**

**MCLEAN COUNTY HIGHWAY DEPARTMENT**

**1. Call to Order**

**2. Administrative Matters**

- a. Review of the Minutes from the June 21st, 2002 meeting of the GIS Committee
- b. Financial Report

**3. Priority Projects**

- a. Cadastral Mapping
- b. Aerial Photography
- c. Intranet Map Server
- d. Downs\Lexington Topographic Mapping Project

**4. Digital Submittal of Plats**

**5. IMS Server Training**

**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, June 21st, 2002, 10:30 A.M.**

### **MCLEAN COUNTY HIGHWAY DEPARTMENT**

#### **Members Present**

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

#### **Members Absent**

Paul Russell, Director - McLean County Regional Planning Commission, Bill Gamblin, E911 Administrator - McLean County E-911.

#### **Others Present**

David Mather, GIS Coordinator - McLean County Regional Planning Commission; Phil Dick, Director of Building and Zoning - McLean County; Bill Jackson, GIS Programmer/Analyst - McLean County Regional Planning Commission; Troy Olson, GIS Specialist - City of Bloomington Engineering; Kevin Kothe, Information Systems Engineer - City of Bloomington; Russ Warren, Senior Designer - Farnsworth Group; Stephen Sochotsky, GIS Specialist - Town of Normal; John Hendershott - McLean County Health Department; Ken Emmons, Building Safety - City of Bloomington; Mike Behary, County Planner - McLean County; Terri Joyce, City of Bloomington Township Assessor's, Matt Hughes, GIS Specialist - McLean County Regional Planning Commission; Kevin Walter - Assessor's Office - McLean County.

#### **1. Call to Order**

The meeting commenced at 10:45 a.m.

#### **2. Administrative Matters**

##### **a. Review of the Minutes from the June, 21st 2002 meeting of the GIS Committee**

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

##### **b. Financial Report**

Mr. Mather advised that pass-through funds for in-house tracking have been added for expenses such as the recent ArcGIS training as well as funds provided by Mr. Ireland for software purchases. The recorders fee continues to do well and will be up 150% by end of June.

#### **Priority Projects**

##### **3. a. Cadastral Mapping**

Mr. Hughes advised that the May delivery was delayed due to problems around Lake Bloomington but looked good despite lack of good information to Akanda. The delivery was QC'd and approved. Mr. Hughes presented an updated delivery status graphic and indicated the delivery for the rest of the area is anticipated next week. Mr. Hall asked when updates would be distributed and Mr. Hughes replied that he strives to prepare cadastral updates to enable Friday IMS (Intranet Map Server) updates. Mr. Mather advised that Mr. Ireland was supportive for contracting with Akanda to complete the cadastral backlog for City of Bloomington Township representing 500 parcels, mostly new subdivisions.

### **3. b. Aerial Photography**

Mr. Mather advised that GRW had delivered all the high and low flight and will be completing the countywide MrSID high flight. The MrSID delivery will consist of 5 pieces at 1:15 or 1:20 scale. Mr. Mather advised that it may be possible to create a MrSID image using the low flight images for the urban area. Mr. Mather advised that some minor problems had been found in the last low flight delivery and could be fixed in house. Mr. Hall asked when the low flight would be available to the local governments. Mr. Mather stated that a DVD burner will be purchased in July and copies would be made and distributed. Until then, RPC could handle individual requests for data if necessary and put the data for small areas on CD.

### **3. c. Intranet Map Server**

Mr. Jackson advised that a recent GIS Technical Committee meeting focused on the IMS and he presented slides illustrating recent enhancements based on recommendations. The enhancements include; a larger portion of the IMS devoted to map area, a new lot/subdivision search tool, a detachable table of contents and map legend that can be toggled on/off, a more Sidwell like Parcel Map Server featuring; block numbers in football type symbols, and rotated additions text labels. Mr. Mather discussed the need for a user assessment survey for IMS training and suggested that a survey form be approved by the Technical Committee and be ready for distribution by the next GIS Committee meeting. There was general discussion about who should get the training first and whether the training should be conducted in one specific place or in each department. Mr. Hall suggested getting Town of Normal superusers trained first and those individuals could assist others.

### **3. d. Downs-Lexington Topographic Mapping Project**

Mr. Mather advised that there are problems with delivery from Atlantic Technologies with one of the GRID format files missing and one incomplete. . Further, the CAD files contained bad edge matching that may be due to the export from microstation to CAD. Atlantic indicated the same files look OK in microstation. Mr. Mather indicated the ArcINFO coverage looked OK.

#### **4. Digital Plat Submittals**

Mr. Mather advised that a meeting be scheduled with engineering firms to discuss the digital submittals and distribute guidelines and specific code for Town of Normal, City of Bloomington, and the County. Mr. Sochotsky asked whether building permits would be withheld if digital submittals were not provided. Mr. Hall advised that building permits are not issued until the plats are recorded unless it is for a model home. Further, the clerk can't record the plat until the digital submittal has been verified. Also, if it goes to council it can be approved on the condition that all necessary materials are provided and fees paid. Mr. Hall indicated that changes to manual practice would require council approval, but he did not anticipate any problems.

#### **5. Land use land cover**

Mr. Mather discussed the 1998 contract with the county for a Land Use/ Land Cover map for farmland tax assessment purposes using the components; farmland soil class, soil type, and land use classification. Mr. Mather advised that \$21,560.00 set aside for the project are not adequate for contracting the work and that one firm contacted provided an estimate of 45-60k to accomplish the work at 1:10000 scale. Mr. Mather recommended the work be completed in-house and that the image processing software, ERDAS Imagine, be purchased for \$7000.00. Mr. Mather suggested a pilot township could be completed using the high flight natural color aerial photography. Further, the image processing software is very useful for subsetting and color balancing the aerial photos prior to MrSID compression, and is a powerful tool for other GIS and Remote Sensing analysis work.

#### **6. Executive Session**

No items to discuss.

#### **7. Other Matters of Business or Discussion that May Arise**

No items to discuss.

#### **8. Next Meeting**

The next meeting of the GIS Committee will be held on July 26th, 10:30 am at the McLean County Highway Department.

#### **9. Adjournment**

The meeting was adjourned at 11:45 a.m.

Respectfully Submitted,

David Mather,  
MCRPC GIS Coordinator