

AGENDA

**MCLEAN COUNTY GIS MANAGEMENT  
COMMITTEE MEETING**

**FRIDAY, February 17th, 2006, 10:30 A.M.**

**MCLEAN COUNTY HIGHWAY DEPT**

**1. Call to Order**

**2. Attendance**

**3. Consent Agenda**

- A. Minutes of the January 20th, 2006 meeting of the GIS Management Committee
- B. December 2005 Financial Report

**4. Items of Business**

- A. No Items of Business

**5. Information / Discussion Items**

- A. Cadastral Maintenance
- B. Orthophotography/LiDAR Project
- C. Street Centerline Maintenance
- D. Intranet/Internet Map Servers
- E. Other Discussion Items that May Arise

**6. Adjournment**

## MINUTES

### **MCLEAN COUNTY GIS MANAGEMENT COMMITTEE MEETING FRIDAY, January 20th, 2006, 10:30 A.M. MCLEAN COUNTY HIGHWAY DEPT**

#### **Members Present**

Paul Russell, Director - McLean County Regional Planning Commission; Mike Ireland, Assessor - City of Bloomington Township; Mike Hall, Director of Public Works - Town of Normal; Phil Dick, Director - McLean County Building and Zoning

#### **Members Absent**

Bill Gamblin- McLean County E-911; Doug Grovesteen, Director of Engineering - City of Bloomington

#### **Others Present**

Bill Jackson, GIS Coordinator - McLean County Regional Planning Commission; Nick Lindekugel, GIS Specialist - McLean County Regional Planning Commission; Sarah Franks - McLean County E-911; Steve Sochotsky, GIS Specialist - Town of Normal; Mike Behary, Planner - McLean County Building and Zoning; Juan Garcia, GIS Specialist - McLean County; Terri Joyce, Records Management - City of Bloomington Township; Craig Nelson, Director McLean County Information Services Director; Roy Kestler, Security Specialist - McLean County Information Services; Russ Warren, Farnsworth Group.

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

The meeting commenced at 10:30 A.M.

#### **2. Attendance**

#### **3. Consent Agenda**

The consent agenda was approved as presented.

#### **4. Items of Business**

##### **A. Contractual Arrangements for Aerial Photography Project**

Mr. Russell advised that committee members should have received a memo from Regional Planning summarizing the cost distribution and how the contract comes under the existing intergovernmental agreement. Further, it was necessary to determine if the agreement would go before the Town of Normal and City of Bloomington councils, on February 6th and 13th respectively. Mr. Russell asked Mr. Dick whether the County would need approval and Mr. Dick responded that Mr. Zuenik and Mr. Craig Nelson had reviewed and approved the amount. Mr. Russell advised that he had not received comments from Mr. Ireland or Mr. Gamblin and therefore assumed they did not have any concerns. Mr. Hall asked that the memo be corrected to show the period the Town funds would be available as April 6th, 2006. Mr. Jackson advised that since Downs had recently acquired LiDAR for the development of 1' contours for their sewer

project they were not likely to contribute any funds towards the current project. Mr. Jackson indicated that the City of Bloomington, Town of Normal, and BNWRD were unwilling to increase their share amounts to cover the Downs area. The County has \$185,000 budgeted and would contribute any amount left over towards the 4" Orthophoto costs. Mr. Jackson indicated that would leave approximately \$13,000 in uncovered costs and he asked whether any participants would be willing to extend the amount beyond the current fiscal year. Mr. Dick stated that he did not think that the County would be interested in picking up LiDAR for that area. Mr. Warren advised that the Downs LiDAR and contours from the recent sewer project are available to the consortium and could be used to fill in the Downs area, however the contours were not at the same contour interval. Mr. Jackson indicated that Pinnacle would probably be agreeable to not developing contours for the Downs area since the overall project had grown from the RFP. Mr. Russell stated that we would change the numbers and resend the memo, however due to the need for council approval he asked whether a letter of intent should be sent to Pinnacle to move forward. Mr. Hall suggested a letter of intent would be appropriate since we are under an existing intergovernmental agreement. Mr. Russell recommended that we write a letter of intent and send it off to the contractor. Mr. Warren stated that a separate contract was prepared for the City of Atlanta and that they would be willing to share their data at no cost to the consortium.

#### **B. ISU License Agreement / Data Sharing**

Mr. Sochotsky advised that 1995/2001 ortho photography, 6 sections of street centerline, parcels, and 1995 planimetric including 2' contours were provided by the Town of Normal Engineering Department to ISU's Facilities Management at no charge. The data would be shared with the ISU Department of Geography with the understanding that the data would not be redistributed. Mr. Sochotsky suggested that the data would be useful in giving the students first hand experience and provide for more qualified interns available to them in the future. Mr. Hall asked that a license agreement be prepared for ISU to restrict the use of the data. Mr. Jackson stated that he did not have a problem in principle with the data being shared but referred to the March 15th 2005 GIS Management Meeting when a similar request for no cost data was denied. Mr. Jackson also described a meeting held at ISU and attended by Mr. Hall where the discussion of ISU partnership in the GIS consortium was discussed. Mr. Hall indicated that he had did not believe they would ever be a partner in the GIS Consortium. In Mr. Hall's opinion the Town has an interest in working with ISU on mutually beneficial projects and that the GIS data would help facilitate the work. Mr. Jackson indicated that providing data to agencies outside our GIS consortium without pre-approval and a signed license agreement set a precedent for how these agreements may be done in the future. Mr. Hocking stated that a License Agreement should always be signed before the GIS data was distributed. Mr. Kothe advised that GIS data was provided to an ISU student for use in a project recently and he was aware of another student who received a ILGISA student of the year award a few years ago for a project siting fire stations in Bloomington was probably done using Illinois Department of Natural Resources GIS data. Mr. Kothe suggested that it would be beneficial to have ISU students working on projects as they may benefit the community. Mr. Ireland suggested that all entities have access to the license agreement in order to take pressure off the Regional Planning staff. Mr. Jackson stated that completing license agreements and distributing data has not taken RPC staff much time to complete. Mr. Garcia expressed concern that should other entities begin distributing parcel data that issues may arise where the incorrect parcel versions are distributed

and creating confusion. Mr. Jackson indicated that the City of Bloomington sometimes distributes the 1995 planimetric data to contractors working on City projects and planimetric data needs to be subsetting using Microstation which RPC does not use. In all cases a license agreement is required prior to release of the data.

Mr. Hall stated that in event of an emergency or for emergency services training they will distribute the GIS data to any agency that needs it. Mr. Nelson stated that in the event of an emergency we will all do what needs to be done. In this case the interested party was ISU and everyone seems to be in agreement that the data be shared. However, should an entity share data with an organization that is not a state agency or a nonprofit then it will be too late, the horse is already out of the barn. By using RPC as the gatekeeper, and through this forum, safe guards are in place, and should there be any red flag it can be discussed prior to action. Conflicts may occur if one entity distributes data that another entity does not want distributed.

Mr. Ireland suggested that a sample data set be made available for people to play with for Educational purposes. Mr. Jackson added that this could be accomplished through an extraction service on the public IMS site.

#### **A. Cadastral Maintenance**

Mr. Lindekugel informed the committee of the current status of the cadastral project. Sidwell is currently in maintenance mode, and some changes are being made from Regional Planning using a VPN connection. Sidwell is still in the process of reviewing our November QC. Mr. Lindekugel informed the committee that he expected Sidwell's Randy Kobiella to come down at the end of the month to update us on the project and respond to the November QC.

#### **B. Orthophotography/LiDAR Project**

This item already covered under Items of Business 4A.

#### **C. Street Centerline Maintenance**

Mr. Jackson advised that all the updates from the County, Normal and Bloomington had been received and that he was in the process of updating the master centerline file and also began work on producing new urban area street maps. Mr. Jackson also provided the status of the buffer emergency response areas indicating that the anticipated IDOT/NAVTEQ agreement may provide data useful for populating problem area address ranges. Mr. Jackson displayed a status map and indicated that a completion date was provided to Mr. Gamblin per his request. Mr. Lindekugel discussed his efforts to populate Woodford County and said that he was in contact with a county highway engineer working on the addressing on a part-time basis. The engineer had been using Tiger data and field checks but had not been able to obtain address ranges from Woodford County E911. Ms. Franks suggested that she contact Woodford E911 to try to obtain the address ranges needed. Mr. Jackson suggested that if necessary they could drive roads in the problem area and get addresses from the mail boxes. Ms. Franks indicated that approximately 75% of the addresses on the mailboxes were not correct and that there was no enforcement by the postal service.

#### **D. Intranet/Internet Map Servers**

Mr. Jackson advised that for many months he had been working with the County IS Department to try to find a way to use an existing County web server for the public IMS site without compromising network security. A recent effort was made to transfer the MCGIS

website domain to an IP address provided on the County webserver. This solution worked for several days but was shut down due to security concerns. Mr. Kestler described why the recent setup of the public IMS was a security risk. Mr. Jackson stated that there may be no solution agreeable to the County and that he had investigated the possibility of using A5.com as a co-host who would provide rack space for a server and a connection to the internet. By using this method an additional copy of ArcIMS and another server would be required. Also, there could be no connection to the ArcSDE server, and therefore the public IMS site could not benefit from the speed advantage provided by ArcSDE. Mr. Kestler advised they would prefer to have the public access work through an external hosting company and have a connection of some kind to the internal IMS server, though he was not certain it would function. Mr. Ireland asked why the Recorder of Deeds website could make data available to the public but this was not possible for the IMS server. Mr. Nelson explained that since the Recorder's server was monitored 24/7, this made the security threats much less of a concern. Mr. Ireland also asked whether the setup described by Mr. Kestler would prevent access to the ArcSDE server. Mr. Kestler replied that he did not think it would be a concern. Mr. Ireland asked Mr. Nelson if he thought we could reach a resolution by mid February to get this data out to the public. Mr. Nelson answered that he thought it would be possible and doable. Mr. Nelson stressed that his department would continue to work with Mr. Jackson to try to find a solution.

#### **E. Other Discussion Items that May Arise**

Mr. Sochotsky advised that he had received mail from the postmaster indicating that software used for mail sorting does not recognize alphanumeric character for internal addresses. The software converts the alphanumeric characters to numeric; for example 1A may convert to 11. Mr. Sochotsky suggested that this information be passed on to development people for consideration. Mr. Hall stated that manually processing water bills returned for bad address adds considerable expense in terms of man power.

No other discussion items.

#### **6. Adjournment**

The next regularly scheduled meeting of the GIS Committee, pending items of business, is February 17th, 10:30 A.M. at the McLean County Highway Department.

The meeting was adjourned at 12:00 NOON

Respectfully Submitted,

Bill Jackson  
McLean County GIS Coordinator