GIS Technical Committee

MINUTES – *APPROVED AS DISTRIBUTED* – *10/7/13*

Date:	Tuesday, July 8, 2013	
Time:	10:00 a.m.	
Place:	Lyle Shields Meeting Room	
	Brookens Administrative Center	
	1776 E. Washington St.	
	Urbana, Illinois	

Consortium Member Agencies	Present	Absent
Champaign County	**Tim Breen (proxy)**	**Andy Rhodes**
Champaign		**DeShawn Robins**
Mahomet		**Gary LaForge**
Rantoul	**Brenda Runyon (proxy)**	**Kathy Hadler (Chair)**
Savoy	**Levi Kopmann**	
UIUC		**Renee Nagy (Vice Chair)**
Urbana	**Ben Fisher**	

Others: Jeff Engstrom (Urbana)

CCGISC Staff: Leanne Brehob-Riley, Kathleen Crombez, Eric Hansen, Beth Brunk (recording secretary)

Call to Order
As Acting Chair, Mr. Breen called the meeting to order at 10:05 a.m.

Roll Call
A verbal roll call was taken, and a quorum was declared present.

Approval of Agenda
MOTION by Mr. Fisher to approve the agenda as distributed. Mr. Kopmann seconded. Upon vote, the MOTION carried unanimously.

Approval of Minutes
April 2, 2013 Regular Meeting
MOTION by Mr. Fisher to approve the April 2, 2013 GIS Technical Committee minutes as distributed. Mr. Kopmann seconded. Upon vote, the MOTION carried unanimously.

Public Participation
None

Approval of FY2014 Work Plan & Report
The Work Plan is developed by the Technical Committee. Once that is approved, then the GIS Policy Committee will formulate the budget. The Work Plan Subcommittee reprioritized current and future work plan tasks.

MOTION by Mr. Fisher to approve the Champaign County GIS Consortium FY2014 Work Plan & Report as distributed. Ms. Runyon seconded. Upon vote, the MOTION carried unanimously.

<u>Approval to Recommend Purchase of Image Server Extension</u>
MOTION by Mr. Fisher to recommend the purchase of the ArcGIS Image Server Extension. Mr. Kopmann seconded.

Ms. Brehob-Riley explained that this software will manage images more efficiently. Presently, the ortho-imagery is maintained in multiple formats – tiles, mosaics and caches – which take up a large amount of computer storage space. The server extension software provides image versatility by reducing storage space, minimizing reprocessing and dynamically mosaics images in different projections. The original imagery files will be kept in a single location on the server and the extension software will create mosaic datasets that "point" to the original files. Ms. Brehob-Riley noted that Image Server Extension provides an efficient solution to image storage and distribution as server space on the SDE and web servers is running low. Ms. Crombez commented that the processing time should be faster with the new software. The software costs $9,000 with a $2,500 annual maintenance fee, and there is room in the budget for this purchase in the current fiscal year. Mr. Breen asked how much the current storage would be reduced by this purchase. Ms. Brehob-Riley thought storage space would be reduced by two-thirds.

Upon vote, the MOTION carried unanimously.

<u>Discussion of Ortho/Oblique Acquisition</u>
Ms. Brehob-Riley needed direction from the Consortium entities on whether to pursue funding sources to acquire ortho and oblique imagery from Pictometry. A commitment from the Consortium to proceed in this direction is necessary prior to attempting to garner enough outside financial support from emergency services, police and fire departments. The Pictometry oblique orthography product does not guarantee their product to National Mapping Accuracy (NMAS) or American Society for Photogrammetry and Remote Sensing (ASPRS) Standards. According to Pictometry, the Standard Product Individual Orthogonal Imagery Frame accuracies are as follows:

Compiled to meet 2.5 feet horizontal accuracy at a 95% confidence interval (4"GSD[1])
Compiled to meet 3.2 feet horizontal accuracy at a 95% confidence interval (6"GSD[1])
Compiled to meet 4 feet horizontal accuracy at a 95% confidence interval (12"GSD[2])

GSD[1] = suitable for nominal 1"=100' (NMAS) mapping
GSD[2] = suitable for nominal 1"=200' (NMAS) mapping

Ms. Brehob-Riley believes that it will not be necessary to issue a Request for Proposal (RFP) for Pictrometry, as their measured oblique imagery is a patented technology which can be classified as a sole source. The State of Illinois (IDOT) may be acquiring orthophotography in 2015 but funding has not yet been secured. The Technical Committee members will confer within their agencies to determine if there is consensus to pursue funding for the Pictometry oblique product.

<u>GIS Director's Report</u>
- Ms. Brehob-Riley discussed the summary tables of tasks in FY2013 in the **Work Plan Status Report.**
- Eric Hansen has been hired as the **new GIS Business Systems Analyst**. Mr. Hansen previously worked for the Regional Planning Commission and has a background as a planner with GIS web development and modeling experience.
- The Federal Geographic Data Committee has not released the **metadata grant** due to a lack of funding.
- The individual Consortium agency Base Station agreements with the Consortium will be executed once the primary **Base Station agreement** has been formally approved between the University of Illinois and the Consortium. The Consortium members that are participating in the Base Station are Urbana, Savoy, County and Champaign.
- Staff continues to expand the CCGISC Website through a **GIS store portal**. Data pricing will be available on the internet so clients can use their credit cards through PayPal to purchase data, maps, etc. Then, staff will distribute it. In FY2014, Ms. Brehob-Riley hopes to develop a "Clip N Ship" system which will automate the whole process to make more efficient use of staff time.
- CCGISC staff has purchased software to assist in identifying US Postal Service mismatches in the **Addressing Project.** In addition to the matching of addresses, Ms. Crombez noted that the new software reports contain other address details including commercial/residential, high rise, etc. A beta version of the addressing website should be available prior to 11/30/13
- Staff continues to assist **METCAD** with their conversion to Tiberon GIS-centric CAD system. The dispatch data is a better quality than what it was in the past.

- Staff is streamlining the variations of **ArcReaders** so the format will change but the functionality and layers will still be there.
- The **Sanitary/Sewer Review Subcommittee** will meet one more time to verify changes.

Adjournment
Mr. Breen adjourned the meeting at 10:46 a.m.