



Meeting Announcement

GIS POLICY COMMITTEE SPECIAL MEETING

Friday, October 26, 2018 at 11:00am

JENNIFER PUTNAM MEETING ROOM

1776 E. Washington Street, Urbana, IL

COMMITTEE MEMBERS

Mark Toalson– Chair

Andy Rhodes – Vice Chair

James Sims

Greg Hazel

Sanford Hess

Kelly Pfeifer

Levi Kopmann

AGENDA

- I. **Call to Order**
- II. **Roll Call – Sign-in Sheet**
- III. **Approval of Agenda**
- IV. **Approval of Minutes**
 - A. *October 19, 2018 Regular Meeting*
- V. **Business Items**
 - A. *LiDAR Acquisition and Payment Discussion for Approval*



GIS Policy Committee

MINUTES – SUBJECT TO APPROVAL

DATE: Friday, October 19, 2018
TIME: 11:00 am
PLACE: Lyle Shields Meeting Room
 Brookens Administrative Center
 1776 E. Washington St.
 Urbana, Illinois

Consortium Agencies	Member	Present	Absent
Champaign		Mark Toalson (Chair)	
Urbana		Sanford Hess	
Rantoul		Greg Hazel	
Champaign County		Andy Rhodes (Vice-Chair)	
UIUC		Chad Kupferschmid	
Mahomet			Kelly Pfeifer
Savoy			Levi Kopmann

Others:

CCGIS Staff: Leanne Brehob-Riley (Director), Tammy Asplund (Recording Secretary)

MINUTES

I. Call to Order

Mr. Toalson called the meeting to order at 11:01 a.m.

II. Roll Call

Roll call was taken by written record and a quorum was declared present.

III. Approval of Agenda

MOTION by Mr. Hess to approve the agenda as distributed; second by Mr. Rhodes. Upon vote, the **MOTION CARRIED** unanimously.

IV. Approval of Minutes

A. *July 20, 2018 Regular Meeting*

MOTION by Mr. Hazel to approve the July 20, 2018 minutes as amended; second by Mr. Hess. Upon vote, the **MOTION CARRIED** unanimously.

V. Financial Statements

A. *FY2018– 1/1/18 through 09/30/18*

Ms. Brehob-Riley stated expenditures still slightly greater than revenues. This will change once payments received from County, U of I, and Urbana. She noted charges for services about \$5,000 lower than this time last year. According to Ms. Brehob-Riley, map sales about \$6,000 greater than the same time last year.

MOTION by Mr. Rhodes to accept and put these reports on file; seconded by Mr. Hess. Upon vote, the **MOTION CARRIED** unanimously.

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2 **VI. Business Items**

3 A. *FY2019 CCGISC Policy Committee Meeting Schedule*

4 Ms. Brehob-Riley stated meetings are typically held once per quarter on the 3rd Friday of the month. Due
5 to a scheduled vacation, a meeting is proposed on the 2nd Friday of July rather than the 3rd Friday.
6

7 **MOTION** by Mr. Hess to accept the 2019 meeting schedule; seconded by Mr. Hazel. Upon vote, the **MOTION**
8 **CARRIED** unanimously.
9

10 B. *LiDAR Acquisition and Payment Discussion for Approval*

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12 Ms. Brehob-Riley reviewed handouts summarizing several options. She reported that at the LiDAR meeting
13 held on Monday, October 1, the Technical Representatives expressed interest in additionally acquiring
14 automated building and road/transportation classifications. She noted the Consortium fund balance is
15 healthy and exceeds the fund balance goal of 25% of budgeted expenditures. The committee could vote to
16 utilize a portion of the fund balance for this project. The committee agreed the formulation for cost-sharing
17 is fair and consistent.
18

19 **The committee deferred the vote until the October 26, 2018 meeting.**

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21 C. *CCGIS Director's Report*

22
23 • Work Plan Status

24 Ms. Brehob-Riley stated status changes are indicated with bold font. She explained that this year has
25 been quite busy due to the parcel fabric migration, loss of an employee, LUCA, and the sanitary sewer
26 project. She noted that the pace will continue in the last few months of the year as CCGISC staff works
27 to implement Microsoft Azure and ArcGIS Portal, delaying some of the work plan tasks.
28

29
30 • IGA

31 The State's Attorney's office reviewed and accepted the suggested language updates for municipal
32 membership. The State's Attorney's office has not yet performed a comprehensive review of the IGA.
33 Additional changes to the IGA might be needed for the Policy Committee to establish service fee rates
34 and to accommodate the elected executive format of government. Once this review is complete, the
35 IGA will be provided to the member agencies for internal review.

36 Going forward, the State's Attorney's Office believes the County Board must approve CCGISC contracts
37 on behalf of CCGISC, provided the Policy Committee first approves the contracts. Ms. Brehob-Riley will
38 work with the State's Attorney's Office to update/rewrite agreements.
39

40 • Sanitary Sewer

41 Ms. Brehob-Riley stated CCGISC staff is adjusting portions of the QC scripts. Once the adjustments are
42 complete, she will forward an email detailing the changes to the appropriate representatives.
43 Participating agencies have not reported any progress with the error correction process.
44

45 • Parcel Fabric

46 Ms. Brehob-Riley reported that CCGISC staff continue to update workflows to accommodate the
47 transition to the Parcel Fabric.
48

49 • Community Outreach

50 Ms. Brehob-Riley met with Douglas County on August 15th and subsequently provided them with a
51 scope of services. Douglas County has not reached to decision regarding the provided scope of services.
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VII. Adjournment

Mr. Toalson adjourned the meeting at 11:45 a.m.

DRAFT



Champaign County
 City of Champaign
 City of Urbana
 University of Illinois
 Village of Rantoul
 Village of Mahomet
 Village of Savoy

To: CCGISC Policy Committee
 From: Leanne Brehob-Riley, GIS Director
 Date: October 26, 2018
 Re: LiDAR Acquisition and Payment Funding

At a meeting held on Monday, October 1st, the Technical Representatives voiced interest in obtaining point cloud classifications for buildings and road surfaces. These classifications are **not** required in USGS National Geospatial Program Lidar Base Specification version 1.3 and therefore will **not** be captured as part of the proposed FEMS/NRCS LiDAR acquisition for Champaign County. They are considered project “buy-ups” and come at a cost.

Advantages of Building and Road Surface Classifications

In general, the finer the classification, the more flexibility the data provides. The automated classification of buildings would allow users to extract rough building footprints and provide additional information for use in change detection/comparison tools. Road surface classifications include unobstructed roadways and connected features such as parking lots. The combination of building and road surface classifications could be used to assist in the mapping of impervious surfaces.

Associated Costs

The USGS estimates the price for each additional point cloud classification at \$15.32 square mile with a 5% processing fee. The capture area for Champaign County is approximately 1080 square miles with a 1 km buffer. Utilizing these figures, the total estimate to obtain building and road surface classifications with the final delivery is **\$34,745.76**. The total estimate for a single classification – building or road surface is **\$17,372.88**.

At the regular CCGISC Policy Committee meeting held on Friday, October 19th, the members expressed interest in 1) obtaining both the road surface and building classifications, 2) utilizing approximately \$10,000 from the CCGISC fund balance to help offset member agency costs, and 3) applying the existing ortho-imagery formula to calculate the proportionate costs.

Ortho-imagery Acquisition Formula:

1/2 of costs covered by County; **1/2** cost split between the remaining member agencies based upon the proportionate share of their membership assessment

The provided table contains the estimated costs to obtain “buy-up” classifications.

It is unclear as to when payment would be requested should the USGS accept the grant application from the NRCS. To be safe, it is suggested agency funds be available by January 1, 2019.

LiDAR Acquisition Estimated "Buy-up" Cost Options <i>building and road classifications</i>			
Agency	% of Acquisition	One Classification <i>Building or Road Surface</i>	Two Classifications <i>Building & Road Surface</i>
Champaign County	50.00%	\$6,186.44	\$12,372.88
City of Champaign	18.32%	\$2,267.25	\$4,534.50
City of Urbana	10.29%	\$1,273.24	\$2,546.48
Village of Rantoul	4.58%	\$566.25	\$1,132.51
Village of Mahomet	3.66%	\$452.88	\$905.75
Village of Savoy	3.70%	\$458.02	\$916.04
University of Illinois	9.45%	\$1,168.80	\$2,337.60
Member Agency Totals:	100.00%	\$12,372.88	\$24,745.76
CCGISC Contribution		\$5,000.00	\$10,000.00
Total Contribution		\$17,372.88	\$34,745.76