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

CCGISC Quarterly Update
2015 - Quarter 1
May 2015

Meeting Summary

<u>Address Interface Training – Wednesday, April 22, 2015</u>

Member Agency Attendees:

Brenda Runyon	Village of Rantoul
Peggy Staske	City of Urbana
Gary Zinn	Village of Savoy
Gloria Wisehart	Village of Mahomet

Other Attendees:

Leanne Brehob-Riley (CCGISC Director), Kathleen Crombez (CCGISC Programmer)

Summary:

Attendees were trained on the Addressing Interface Website. The training lasted approximately three hours. The Interface contains two address editing windows, one for single address additions and modifications and a second for multiple address modifications. The tools and functions found in each window were explained in the first half of the training. A tutorial was supplied to the attendees in the second half of the training. Upon completion of the training, the attendees were asked to continue to familiarize themselves with the DEMO version of the Addressing Interface prior to entering data into the LIVE Interface. Both the DEMO and LIVE Interface require a login. Logins to the DEMO site were provided to all training attendees. Logins to the LIVE site will only be provided to an entities address "***point of contact***" upon completion of the training. The Tutorial and Addressing Interface Reference Guide are found on the [ccgisc website](#).

Updates

<u>Addressing Initiative</u>

Addressing Standards

The Incorporated and Unincorporated Addressing Standards were presented to the CCGISC Policy Committee and unanimously approved at the Friday, October 17, 2014 Policy Committee meeting. These documents set minimum standards for all addressing entities throughout the County to help bring consistency to address assignment. It is the responsibility of the individual agencies to adopt and/or endorse these standards. A number of agencies plan to formally adopt the addressing standards however; there is interest by the member agencies to discuss the adoption process. To that end, a meeting will be scheduled to discuss adoption methods.

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Addressing Interface

The Addressing Interface is live. Addresses entered into the Interface are directly stored in the Champaign County Relational Address Database (CC-RAD). In addition, spatial database views have been created and added to the SDE CCGISV database. These spatial database views essentially mimic an address point layer. Updates made to the Interface are immediately reflected in the spatial database views. Currently CCGISV contains a spatial view of all the addresses in Champaign County, addresses found within the Village of Rantoul, and those within the addressing jurisdiction of the City of Urbana. Views will eventually be made for all the member agencies. The Village of Rantoul and the City of Urbana are currently editing their addresses directly into the Interface.

General Addressing Items

In an effort to continue to improve the Champaign County address data, CCGISC staff is working with the County Clerk's office to begin to reconcile address differences between the Clerk's office election database and CC-RAD. It is anticipated this comparison will improve the CC-RAD addresses found within the smaller jurisdictions as well as update the Clerk's addresses found within the member agency communities. The eventual goal is for the addresses contained in both systems to match. Quality assurance procedures will need to be developed to ensure the addresses within each system continue to agree over time.

Subscription GIS Data Download Service

The CCGISC Policy Committee approved the development of a web-based interface that supports the distribution/download of CCGISC data at the January 16, 2015 meeting. A download window was incorporated into the existing CCGISC Public Web Map (www.maps.ccgisc.org) and will be made available to customers through an annual agreement for a fee of $250.00. Utilizing a username and password, subscribers will have the ability to download CCGISC vector data (non-imagery, non-topographic) as often as needed throughout the subscription term. A list of the vector data available for download is found in the table below. The annual subscription agreement was approved at the April 17, 2015 Policy Committee meeting.

- Street Centerlines
- Hydrology Centerlines
- Stream Polygons
- Lake Polygons
- Tax Parcel Points
- Tax Parcel Polygons
- Subdivisions
- Civil Townships

- Municipal Boundaries
- Municipal Annexations
- County Board Districts
- State Representative Districts
- Voting Precincts
- School Districts
- High School Districts
- Community College Districts
- Forest Preserve Districts

- Fire Districts
- Library Districts
- Park Districts
- Public Health Districts
- Cemetery Districts
- UC Sanitary Districts
- Mass Transit Districts
- Multi Assessor Districts
- Township Roads / Bridges Districts

Data Pricing

The Policy Committee meeting approved the following changes to the CCGISC ortho-imagery data fee structure.

Uncompressed TIF Tiles

The fee for uncompressed TIF tiles remains at $2.50/tile for 2011 and 2014. While the fee or uncompressed TIF tiles for 2008 and earlier has been reduced to $1.25/tile.

Compressed Ortho-Imagery
The Policy Committee agreed to allow the sale of compressed tiles and mosaics. The fee for compressed TIF tiles is $1.25/tile for 2011 and 2014 and $.75/tile for 2008 and earlier. The cost of an image mosaic is calculated using the appropriate per tiles cost multiplied by the number of tiles contained in the mosaic. The costs rounded to the nearest tenth are listed below:

2002 Black & White - 6" pixel resolution for urbanized areas	$440
2005 Color - 6" pixel resolution for urbanized area	$780
2008 Color - 6" pixel resolution for urbanized area	$850
2011 Color - 6" pixel resolution for Champaign, Urbana, Mahomet and Savoy	$780
2014 Color - 6" pixel resolution County-wide	$6,520
2014 Color - 6" pixel resolution Champaign only	$500
2014 Color - 6" pixel resolution Urbana only	$430
2014 Color - 6" pixel resolution Savoy only	$220
2014 Color - 6" pixel resolution Rantoul only	$360
2014 Color - 6" pixel resolution Mahomet only	$400
2014 Color - 6" pixel resolution University only	$220
2002 Black & White – 2' pixel resolution County-wide	$200
2005 Color – 2' pixel resolution County-wide	$200
2008 Color – 2' pixel resolution County-wide	$200
2011 Color – 2' pixel resolution County-wide	$360

In addition, all orders are now subject to a minimum purchase of $20.00.

ArcReader to ArcGIS Online Application

ESRI is no longer releasing updated versions of its ArcReader software and is phasing out the software. CCGISC supports a large number of users in various member agencies that utilize ArcReader to view and identify CCGISC GIS data. To continue to support these users, CCGISC is moving towards ArcGIS Online (AGO) applications. The first AGO application was built for the County Assessment office. The interface is simple and clean and offers additional functionality that was not available in ArcReader. Classroom training and a reference guide were provided to the Assessment office staff. Overall, the application was well received.

Street Centerlines

One of the 2015 work plan tasks was to remove unnecessary vertices from the street centerline layer. Staff has been working on this task since late 2014 and is nearly complete with all townships with the exception of those containing any part of Urbana, Champaign or Savoy. It is hoped that the project will be completed by the end of 2015 as planned however; changes made to the street centerlines will affect the fire and police response zone (RZ) polygon layers for Champaign, Urbana and Savoy. These RZ layers are used by METCAD for dispatch purposes. The RZ layers will need to be updated as changes are made to the street centerlines. As a result, more time staff time will be spent on this task than originally anticipated.

Work Plan Status Report

The Work Plan Status Report is provided on the following page. As always, updates are provided in **bold**.

FY2015 Work Plan Status Report

Task		Status
2015 Improvement Tasks		
Automate Technical Services Contract		
1-A	Automate the Generation of Technical Services Contract Invoices	begin in FY2015
Comprehensive Review of Annexation Layer		
2-A	Review drawn annexations from 1950 through date	in-progress, anticpate completion in FY2017
Update Corner/Corner Coordinate/Monument Feature Classes		
3-A	Obtain new tie/monument sheets recorded since 2004	completed in FY2014
3-B	Hyperlink available tie-sheets to Corner Feature Class	completed in FY2014
Investigate/Implement Parcel Fabric		
4-A	Investigate feasibility of implementing ESRI parcel fabric tools for cadastral (parcel) mapping	in-progress
4-B	Test/Migrate data to Parcel Fabric	test Mahomet Township in FY2015 - **in progress**
Development of Formal Workflow and Quality Control Procedures		
5-A	Refine Tax Cycle workflow, QC processes and GIS calendar timeframes	ongoing; refinements are periodically made
Review and Update the SDE Database Design		
6-A	Review the Corner/Corner Coordinate/Monument feature classes, i.e. fields, domains, etc.	in progress; antipate completion in FY2015
6-B	Review the Transportation feature dataset	begin in FY2015
2015 Work Plan Tasks		
County-wide Addressing Project (Continued from FY2014)		
FY14-A	Compile Master Street List for all Communities in County	complete
FY14-B	Compose and Approve Address Standards Document	complete - approved by Consortium
FY14-C	Launch First Verions of Address Maintenance Web Application	**complete**
Clip and Ship (Download) WebMap Interface		
1-A	Develop and deploy web-based interface that allows customers to select, download and pay for GIS data layers.	**download site complete; working on paypal integration**
Alter Street Centerlines		
2-A	Remove unnecessary vertices from street centerlines	**in-progress; anticipate completion in FY2015**
2-B	Update street centerlines to include routing information	begin in FY2015
Develop/Implement ArcReader Replacement		
3-A	Investigate Possible ArcReader Replacement	**complete - decided on ArcGIS Online Application**
3-B	Implement ArcReader Replacement	to complete by FY2016; **deploying 1st application for county assessor end of April**
Gather and Distribute Historic Aerial/Ortho-imagery		
4-A	Process 1-set of historic imagery for Champaign County	ongoing; goal to obtain 2 sets of historic imagery by FY2017
4-B	Gather Historic Imagery Sources and list in Historic Imagery Spreadsheet	ongoing
2015 Contract Tasks		
1-A	Piatt County	on going - general GIS tasks
1-B	Village of Mahomet	on going - general GIS tasks
1-C	City of Champaign	on going - general GIS tasks

Updated to include FY2015 Improvement, Work and Contract Tasks
*Status updates found in **bold***