



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

CCGIS Quarterly Update

2016 – Quarter 3

Meeting Summary

There were not any technical representative meetings in the 3rd Quarter of 2016.

Updates

ArcReader to ArcGIS Online Application Migration Progress

CCGIS staff replaced ArcReader with ArcGIS Online Applications at the Village of Savoy, Willard Airport, U of I Real Estate Planning, and County Zoning. The Sheriff's Office and Emergency Management Agency (EMA) are the only remaining departments with ArcReader. The Sheriff's office continues to test and review the provided ArcGIS Online application. If connection speeds are adequate and feedback positive, the migration should occur in the coming months.

Parcel Fabric

CCGIS staff discussed the need for training in the Parcel Fabric editing environment. Cloudpoint Geographics of Roanoke, Illinois offers 1 to 3 day on-site training or remote training options. Duration and type of the training is dependent on available funds. CCGISC is working with Cloudpoint Geographics to determine a cost-effective and beneficial training strategy. Training likely to occur in the fourth quarter.

Address Database Reconciliation Projects

As mentioned in the [2016 – Quarter 1](#) update CCGISC is working with the University of Illinois and County departments to reconcile addressing differences between the respective databases. Ultimately, the goal is to put into place procedures to maintain consistency between the databases.

University of Illinois

CCGIS and U of I Facilities and Services staff continue to work together in an effort to complete the resolution of addresses between CC-RAD and the U of I Facilities database. Most of the remaining discrepancies are located on Willard Airport property. CCGISC, U of I, and Willard Airport staff are working to develop an addressing plan for the Willard Airport buildings/structures.

County Clerk - Voter Addresses

As stated in the [2016 – Quarter 2](#) update, CCGISC and the County Clerk completed street and address comparisons between CC-RAD and the Voter database. The next step is to establish a database comparison workflow for these databases going forward. Ideally, this workflow will include a scheduled task that provides a list of unmatched records to both the Clerk and CCGISC on a regular basis.

County Assessor – Property Location Addresses

CCGIS staff created a script that exports addresses from CC-RAD for import into the property location table. Based on discussions with the County Assessor’s office and County IT, the script does not assign an address string for properties with multiple main addresses, instead the script adds “Multiple Addresses” to the address field. A secondary file provides the County with a list of valid **main** addresses for properties with multiple main addresses. The County is working on a program that will regularly import the provided addresses into the property location table.

Server Upgrades

CCGIS staff with the assistance of County IT finalized the server upgrades this quarter. Microsoft SQL Server was upgraded from 2008 R2 to 2014, server operating systems were upgraded to Windows Server 2012 R2, and ArcGIS Server was upgraded to 10.4.1. Overall, the upgrade went smoothly however; unanticipated issues did occur, leaving the servers unavailable for a few hours on a couple of different occasions.

OrthoPhotography RFP

OrthoPhotography is acquired once every 3 years, 2017 is an acquisition year. An RFP was provided to the member agency technical representatives on Monday, October 17th for review. Once the comments are received and incorporated into the RFP, CCGISC will distribute the RFP to a variety of ortho-imagery vendors.

As in previous years, Parkland College survey students, under the supervision of Todd Horton, will collect the required ground control points and NSSDA checkpoints free of charge.

Misc. Projects

IWorQ

IWorQ is a municipal management software utilized by the Village of Savoy. IWorQ requires quarterly imports of the Village of Savoy parcels. Following the established model for other member agencies requiring regular data updates to third party vendors, CCGISC created a script to export data and forward an automated email to IWorQ the first Saturday in March, June, September, and December.

County Clerk Election Codes

Addresses within the County are assigned election codes by the County Clerk’s office. Historically, this was a labor-intensive process. CCGISC worked with County Clerk staff and developed a script to automate this process. Utilizing the script, election codes were assigned to the majority of addresses. The previous work of reconciling addresses between the voter registration table and CC-RAD greatly improved the results of this project.

CCGIS Data and U of I Webstore

CCGIS worked with the WebStore to develop a method to make CCGISC GIS data more accessible to University of Illinois at Urbana-Champaign (UIUC) students, faculty, and staff. As a result, the WebStore offers CCGISC vector and raster data. Any student, faculty, or staff a valid UIUC NetID can download the data at no cost upon the acceptance of a click-through agreement. The WebStore will provide CCGISC with a list of users that downloaded the data twice a year. Once every six months, CCGISC will push data updates to the WebStore via a scheduled task.

CCGIS Policy Items

2017 Meeting Schedule

The CCGISC Policy Committee approved the 2017 Policy Committee meeting schedule. The meeting dates are as follows:

Friday, January 20, 2017

Friday, April 21, 2017

Friday, July 21, 2017

Friday, October 20, 2017

All meetings occur at 11am and are located in the Lyle Shields Meeting Room at the Brookens Administrative Center, 1776 E Washington Street, Urbana, IL 61802.

Work Plan Status Report

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

FY2016 Work Plan Status Report

Task	Status
2016 Improvement Tasks	
Develop Address Database Quality Control Scripts	
1-A Develop script to check database integrity - parcel numbers, proper jurisdiction, landmark reference, etc.	complete
Make CCGISC Website ADA Accessible	
2-A Finalize ADA compliancy for CCGSC website	2 external reviews complete; final review to be completed
Implement Parcel Fabric	
4-A Discuss implementation with Technical Representatives if agreeable, begin parcel data migration	complete
4-B Migrate parcel layers to Parcel Fabric	begin in FY2016; to complete in FY2017
Create ISO Compliant Metadata	
5-A Update existing metadata to be ISO compliant	in progress; to complete in FY2018
5-B Create ISO compliant metadata for other layers	in progress; to complete in FY2018
2016 Work Plan Tasks	
Implement ArcReader Replacement	
1-A Develop ArcGIS Online Applications to replace ArcReader files	deployed 8 applications; to complete in FY2016
Remove Unnecessary Vertices from Street Centerlines	
2-A Remove unnessecary vertices from street centerlines	complete
Add Impedance Information to Street Centerlines	
3-A Review Transportation feature dataset	in progress
3-B Gather impedance data	to complete in FY2017
3-C Update Transportation feature dataset to include impedance data	to complete in FY2017
Add Theoretical Address Ranges to Street Centerlines	
4-A Work with METCAD to obtain desired end-product	complete
4-B Develop Script to assist with address range updates	to complete in FY2016
Reconcile Address data between existing County-wide Databases	
5-A Assessment Property Location database	in progress
5-B County Clerk Voter Registration database	in progress
Map Drainage Districts and Subdistricts	
6-A Begin pilot project utilizing Circuit Clerk documents	begin in 4th quarter of FY2016
6-B Map drainage districts - county-wide	to complete in FY2018
6-C Compare GISlayer to tax rolls	to complete in FY2018
2016 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
1-D Urbana Champaign Sanitary District	on going - general GIS tasks

Status updates found in **bold**

Revised October 2016

Champaign County GIS Consortium

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