



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

CCGIS Quarterly Update

2017 – Quarter 3

Meeting Summaries

There were not any Technical Representative Meetings in the 3rd Quarter of 2017.

Updates

Parcel Fabric

A pilot township was imported into the Parcel Fabric for testing and training purposes. Efforts are focused on learning the editing techniques within the Fabric – it may be necessary to seek external training. CCGISC plans to move to the Parcel Fabric in 2018, however with each step, the feasibility of this task is re-evaluated by CCGISC staff.

Address Database Reconciliation

CCGIS and the County departments continue to make progress toward reconciling addressing differences between various databases with the goal of developing procedures to maintain consistency.

COUNTY CLERK– VOTER ADDRESSES

No progress has been made since the last quarterly update.

COUNTY ASSESSOR – PROPERTY LOCATION ADDRESSES

The County continues to work on a program that will regularly import the provided CC-RAD addresses to the property location table within the County's tax system. CCGISC and the County discussed how to represent parcels with multiple main addresses and sub-addresses within the tax system. For parcels with multiple main addresses, the initial screen will state "Multiple Addresses"; a secondary screen will list each address found within the parcel. These discussions prompted CCGISC to update the *Property Location* area located in the *Results* panel of the Interactive Public Map. The Property Location area now lists all the main address associated to a parcel. The County hopes to complete the program to update the property location addresses prior to the mailing of the 2017 tax bills.

2017 OrthoPhotography Acquisition

Kucera provided the final delivery of the ortho-imagery tiles and CCGISC distributed the tiles to the Technical Representatives. To assist with the error review process, CCGISC created an Ortho-Imagery review app. A link to the app along with general instructions were provided to the Technical Representatives. The Technical Representatives did not report any issues with the imagery. As a result, CCGISC requested that Kucera begin the process of generating the compressed jp2 tiles.

LUCA

CCGISC previously contacted the governmental agencies within Champaign County to explain the role of CCGISC in the U.S. Census Bureau's LUCA initiative. It was requested that any agency that chooses to complete LUCA independent from the County/CCGISC, contact the CCGISC Director. The CCGISC Director received no such notifications. As a result, CCGISC plans to perform a comprehensive countywide review of the LUCA addresses.

Sanitary Sewer

CCGISC continues to work with the entities serviced by the Urbana Champaign Sanitary District (UCSD) to develop error correction and quality control procedures. Data correction and multi-agency cooperation are necessary for CCGISC to regularly create and distribute a system-wide sanitary sewer network for use in modeling software recently purchased by a number of the UCSD agencies. As a result, CCGISC developed scripts that combine the differing sanitary datasets, identify topologic errors, and locate attribute inconsistencies. A Sanitary Sewer meeting is scheduled for 1pm on Tuesday, November 14, 2017 to discuss the scripts, outputs, and long-term maintenance solutions.

Parcel Genealogy

As mentioned in the Q2 update, CCGISC and the Assessment office are working together to develop a web-based tool to view and query parcel genealogy maintained in a third party database. As part of this project, CCGISC performed preliminary data checks and discovered inconsistencies. In an effort to assist the Assessment office with the data corrections, CCGISC created a script that tests for a number of data integrity related errors. The results are written to a file geodatabase and provided to the Assessment office via a web app for investigation. This tool should be available to CCGISC member agencies sometime in the fourth quarter of 2017 or first quarter of 2018.

Drainage Districts

To assist with the drainage district project, CCGISC staff obtained the assistance of a student volunteer from the University of Illinois Geography Department. In total, there are over 300 main and sub districts. The anticipated completion data for this project is the end of 2020.

CCGISC Policy Items

- The Policy Committee approved the 2018 meeting schedule, the Committee meetings are scheduled for the following dates:
 - o Friday, January 19, 2018
 - o Friday, April 20, 2018
 - o Friday, July 20, 2018
 - o Friday, October 19, 2018

- The Policy Committee approved minor updates to the CCGISC Digital Data License Agreements for Derived Products (*Appendix F*). The changes broaden the language of the agreement. For an explanation of the changes, please reference the [October 20, 2017 Policy Committee Packet](#). An updated version of Appendix F is found in the [CCGISC Digital Data Policy](#).

Work Plan Status Report

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

FY2017 Work Plan Status Report

Task	Status
2017 Improvement Tasks (Short-term)	
Implement Parcel Fabric	
1-A Migrate parcel layers to Parcel Fabric	Began in FY2016; to complete in FY2018
Develop Long-term Technology Plan	
2-A Develop Capital Plan and Capital Budget	completed in FY2016
2-B Establish Disaster Recovery Plan	in progress; implement Microsoft Azure in Q1 of 2018
Create ISO Compliant Metadata	
3-A Update existing metadata to be ISO compliant	in progress; to complete in FY2018
3-B Create ISO compliant metadata for other layers	in progress; to complete in FY2018
Automate Technical Service Contract Invoices	
4-A Create Relational Database	delayed; waiting to determine when/if County implements new system
4-B Create web-based interface that includes invoice generation	delayed; waiting to determine when/if County implements new system
Implement Long-term Technology Plan	
5-A Implementation of the developed Long-term Technology/Disaster Recovery Plan (Improvement Task 2-B)	to complete in FY2018
Migrate Sales Database to SQL Server	
6-A Migrate the existing Access relational sales database to SQL Server	to complete in FY2018
6-B Create a web-based interface	to complete in FY2018
Investigate and Implement Portions of the Local Government Information	
7-A Investigate and implement portions of the ESRI Local Government Information - specifically the sanitary sewer data model	to completed in FY2019
2017 Work Plan Tasks	
ESRI Linear Referencing for Roads and Highways	
1-A Review Transportation feature dataset	to complete in FY2018
1-B Research and, if feasible, implement ESRI Roads and Highways linear referencing system	to complete in FY2017
1-C Gather impedance and jurisdiction data	to complete in FY2018
Update StreetCenterline 100-block Data on Even Side of Roadway	
2-A Manually update the even 100-block <i>from</i> address range field where appropriate	to complete in FY2017
Public ArcGIS Online Web-Applications	
3-A Continue to develop public ArcGIS Online web applications i.e. polling places	to complete in FY2018
Map Drainage Districts and Subdistricts	
4-A Begin pilot project utilizing Circuit Clerk documents	complete
4-B Map drainage districts - county-wide	to complete in FY2019; 3 drainage districts complete
Map Drainage District Tiles	
5-A Utilize Circuit Clerk documents to map original location of drainage tiles	to complete in FY2019
Reconcile Drainage Districts and Sub-districts	
6-A Reconcile Drainage Districts and Subdistricts with appropriate county offices	to complete in FY2019
2017 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**

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Champaign County GIS Consortium

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