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

CCGISC Quarterly Update

2017 – Quarter 1

Meeting Summaries

There were not any technical representative meetings in the 1st Quarter of 2017.

Updates

ArcReader to ArcGIS Online Application Migration Progress

The migration from ArcReader to ArcGIS Online applications is complete.

Parcel Fabric

Migration to the Parcel Fabric was postponed to complete additional data preparation work that was discovered during the on-site Parcel Fabric editing class in Quarter 4 of 2016. Barring any additional issues, CCGISC plans to migrate to the Parcel Fabric in 2018.

Addressing Projects

ADDRESS DATABASE RECONCILIATION

As reported in previous updates, 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

This project is complete. Quality control procedures are scheduled to occur each year in June.

County Clerk - Voter Addresses

CCGISC developed a script that runs on the second Sunday of each month. This script compares the County Clerk's Voter database with CC-RAD and generates election codes for each of the addresses. In addition, main addresses in CC-RAD not in Voter database, non-matching street names, and a listing of unmatched election codes are provided in the supplied report.

County Assessor – Property Location Addresses

The County continues to work on a program that will regularly import the provided CC-RAD addresses into the property location table, they hope to have this project complete sometime in July.

ADDRESS UPDATES

CCGISC staff reviewed approximately 1,500 properties throughout the County that contained an assessed building value, but did not have an assigned address. As a result, CCGISC added 400 address points to CC-RAD. Addresses for a number of buildings could not be determined through an internal review process and will be supplied to the various addressing jurisdictions and/or the Sheriff's office for field verification. Going

forward, the County Assessor will provide CCGISC a list of properties with improvements and demolitions twice per year.   If the list identifies possible address issues, CCGISC will notify the appropriate addressing jurisdiction.

2017 OrthoPhotography Acquisition

Kucera completed the acquisition of imagery for the project area on Friday, April 7, 2017. The preferred capture window, as specified in the RFP, was February 27, 2017 through April 4, 2017 however, weather/ground conditions proved to be quite challenging for Kucera. In addition, the unseasonably warm weather caused ornamental trees to bloom prior to April 4th.

The capture dates along with a general description of the capture area are provided below. Once Kucera supplies the preliminary delivery, member agencies will have an opportunity to assess the imagery.

KUCERA CAPTURE DATES: DESCRIPTION

- o **March 8, 2017:** Single flight-line on east side of Champaign County
- o **March 10, 2017:** Majority of Piatt County
- o **March 19, 2017:** Central Champaign County, including Champaign, Urbana, Savoy, and Rantoul
- o **April 7, 2017:** East and west sides of Champaign County, including the Village of Mahomet, Foosland, Ogden and Homer; All "spot shots" captured

Details related to the project, including the work progress time-line, are found in the 2017 Ortho-Imagery Acquisition Contract.

LUCA

In preparation for the 2020 Census, the US Census Bureau is once again instituting the Local Update of Census Addresses (LUCA) initiative. LUCA is an opportunity for tribal, state, and local governments to review the US Census Bureau's residential address lists. As part of the addressing tasks CCGISC carries out for the County, CCGISC plans to complete this initiative for **all** the addresses within Champaign County. The address data that your entity maintains via the Addressing Interface will be used for the address comparison analysis. The results of the comparison will be supplied to your entity for review prior to forwarding the information to the Census Bureau.

The US Census Bureau gives priority to address comments received from a Village/City over those from a County. To that end, should LUCA be a task your entity prefers to complete independently, please notify the CCGISC Director and CCGISC shall exclude your addresses from analysis. The LUCA timeline is provided below.

LUCA TIMELINE

January 2017: Advance notification of the LUCA operation mailed to the highest elected official (HEO) or Tribal Chairperson (TC) of all eligible governments and other LUCA contacts.

March 2017: LUCA promotional workshops begin.

July 2017: Invitation letter and registration forms mailed to the HEO or TC of all eligible governments.

October 2017: Training workshops begin. Self-training aids and Webinars will be available online at the LUCA website.

February 2018: Participation materials mailed to registered participants.

August 2019: Feedback materials offered to participants with the results of address canvassing.

April 1, 2020: Census Day.

Champaign County GIS Consortium
Brookens Administrative Center, 1776 E Washington Street, POD 400, Urbana, IL 61802 | Phone: 217.819.3555

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ADA Compliancy

The CCGISC website was provided to the outside consultant for a third review to confirm the findings in the previous two reports were properly remedied. The reviewer did not find any showstoppers or significant issues. Overall, it was noted the CCGISC website is well laid out and generally accessible. Accessibility issues were found in the pdf files of the CCGISC Policy Committee Meeting minutes. The CCGIS Director will work with the Administrative Services department to resolve these issues. Going forward, website compliancy reviews will occur once per year to ensure the site stays in compliance with the WCAG 2.0 accessibility guidelines.

CCGISC Policy Items

CLOUD BASED BACK-UP AND SYSTEM RECOVERY

Through meetings with the Long-term Technology Work Group and continued discussions with its more technical savvy members, it was determined the 1) integration of CCGISC data into the business processes of the member agencies and 2) the reliance of CCGISC data and services by the public necessitates the need for off-site back-ups and a recovery/fail-over solution. To that end, the CCGISC staff with the assistance of the County IT department investigated Microsoft Azure Site Recovery (ASR) and back-up options. These options were discussed with the CCGISC Policy Committee at the April 21st meeting and the Committee requested the 2018 budget and capital plan include these items for approval at the July 21st CCGISC Policy Committee meeting.

Work Plan Status Report

The Work Plan Status Report is provided on the following page. As always, updates 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
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 completed 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 FY2017
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 FY2017
Update StreetCenterline 100-block Data on Even Side of Roadway	
2-A Manually update the even 100-block *from* 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	in progress
4-B Map drainage districts - county-wide	to complete in FY2019
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**   *Revised April 2017*