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

# 2026 Annual Technical Representatives Meeting

*Discussion Items & Project Updates*

## Technical Representatives Meeting Summary – March 4, 2026

*Meeting Discussion Items & Project Updates*

**ENTITY ATTENDANCE:**

City of Champaign, City of Urbana, Village of Rantoul, Village of Mahomet, University of Illinois, Village of St. Joseph, Champaign County

**SUMMARY:**

The Annual Technical Representatives meeting was held at 2:00 pm on Wednesday, March 4th in the Shields-Carter meeting room at the Bennett Administrative Center. A summary of the discussion items and project updates are provided below.

### 1. EagleView Ortho/Oblique Imagery Acquisition

As approved by the CCGISC Policy Committee, CCGISC entered into a 6-year agreement with EagleView to acquire both certified ortho-imagery and oblique imagery in the Spring of 2026 and 2029. As part of this contract, non-certified ortho-imagery will be acquired and paid for by City of Champaign in the Spring of 2027, 2028, 2030, and 2031.

As in previous years, control points will be set and surveyed by the Parkland College Department of Land Surveying Applied Science & Technologies, under the direction of Kory Allred. This collaborative relationship provides some overall project cost savings and real-world experience for Parkland students.

As of March 4th, EagleView flew approximately 51% of Champaign County. Additional details as shared at the meeting are found in *2026 Ortho/Oblique Project Details Table* on the following page.

The CCGISC/EagleView agreement is available on the CCGISC website:

https://www.ccgisc.org/AdminDocs/OrthoOblique2026_2029_EagleView_Executed.pdf

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## 2026 Ortho/Oblique Project Details

| Ortho-Imagery Deliverables | Details | Notes |
|---|---|---|
| **Capture Product** | Eagleview Cloud certified imagery with 4-band (3-inch GSD or better) | |
| **Project Projection** | US State Plane 1983, Illinois Eastern Zone, North American Data 1983 (2011), US Survey Feet, WKID 6455 | |
| **Delivery Method** | Hard Drive and Cloud Explorer (Online) | |
| **Physical Media** | | |
| Tile Format | GeoTIFF (no world files) | - Lossless Compression<br>- Coordinate System:  Project Coordinate System<br>- Standard (non-certified) RGB tiles approximately 3 - 4 weeks after EagleView categorizes project as "Done Flying"<br>- Certified tiles 4-band tiles approximately 90 - 120 days after shipment of standard tiles |
| Orthomosaic Format | JPEG2000 | - All county-wide mosaics at 40:1 compression ratio<br>- **Coordinate System: StatePlane Illinois East FIPS 1201 NAD 83 (US Feet) WKID: 3435<br>- Same delivery time-frame as tiles<br>- Standard RBG mosaic<br>- Certified RGB, CIR, and 4-band mosaic<br><br>**Of Note |
| **Cloud Media** | | |
| Ortho Imagery | - Cloud Explorer<br>- Endpoint Service | |
| Oblique Imagery | - Cloud Explorer<br>- ESRI Add-on for Desktop and Apps | **Oblique Imagery will be hosted by EagleView; only available while under contract; separate fee if contract is not renewed<br><br>** Of Note |
| **Other Items of Note** | | |

1. CCGISC/EagleView Contract is a 6-year contract; County-wide certified ortho and oblique imagery shall be capture in 2026 and 2029; Non-certified imagery shall be captured for the City of Champaign only in 2027, 2028, 2030, and 2031 (COC is responsible for payment)

2. Parkland College, under the direction of Kory Allred, is responsible for Survey work for 2026 and 2029; This is a collaborative relationship that results in slight cost reduction

3. County-wide building footprints will be provided as a deliverable.  Please note, the footprints will include any attached decks and/or structures.

4. All member agencies will be provided access through Cloud Explorer; Agencies will have the option to administrate their sub-sections; Training to be provided by EagleView

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## 2. Review of CCGISC Resources

A general review of the CCGISC resources was provided to the meeting attendees. This review served as a reminder of the available resources to long standing GIS users as well as an overview to new member agency GIS users.

### a. Document Portal on the CCGISC Website ([www.ccgisc.org](www.ccgisc.org))

The CCGISC Website Document Portal:
[https://www.ccgisc.org/portal.aspx](https://www.ccgisc.org/portal.aspx)

The CCGISC Website Document Portal provides a list of links to various CCGISC resource documents, manuals, and developed standards.

Specific documents of interest are as follows:

- *CCGISC Enterprise Database Structure & Descriptions*
  [https://www.ccgisc.org/portal/CCGISCData_2025-11.pdf](https://www.ccgisc.org/portal/CCGISCData_2025-11.pdf)

  This document provides a general overview of the data layers found in the CCGISV Enterprise Geodatabase.

- *County Tax System Tables*
  [https://www.ccgisc.org/portal/CountyTaxSystemTables.xlsx](https://www.ccgisc.org/portal/CountyTaxSystemTables.xlsx)

  This link directs users to a spreadsheet that provides a list of fields and associated descriptions of County Tax System Tables found in the CCGISV Enterprise Geodatabase.

- *Property Land Use Reference Guide*
  [https://www.ccgisc.org/portal/CCGISC_PropertyLandUseReferenceGuide.pdf](https://www.ccgisc.org/portal/CCGISC_PropertyLandUseReferenceGuide.pdf)

  This pdf file is a reference guide to the Property Land Use Project. This initiative allows member agencies to track general property land use information (property uses and dwellings) by parcel using a standardized classification agreed upon by the member agencies.

  Use is optional.

  If interested in learning more about this resource, please refer to the reference guide link and/or contact CCGIS staff or Eric VanBuskirk in the City of Champaign planning department.

### b. Available Apps / Member Gallery Highlights

CCGISC maintains apps that provide easy access to valuable information and resources to its users. Some of the web apps are only available to member agencies while others can be accessed publicly. The apps listed below were discussed at the meeting. A more comprehensive list of apps and web maps can be found at:

[https://www.ccgisc.org/portal/CCGISC_OnlineResources_Apps.xlsx](https://www.ccgisc.org/portal/CCGISC_OnlineResources_Apps.xlsx)

- *Address/Street Query Application*
  [https://maps.ccgisc.org/addystreet](https://maps.ccgisc.org/addystreet)

  This app can be used to develop mailing lists based on a buffer, line, or polygon. The mailing list can be downloaded as a csv file or as formatted labels in a pdf file.

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Through the *Address Street Name Query*, agencies can determine if a street name already exists within Champaign County. The use of duplicate street names is HIGHLY discouraged throughout the County as it impacts emergency response and can create unnecessary confusion.

During the meeting it was requested that the Parcel Number be included in the address list csv file download.

Login credentials are required.

- *Parcel Changes*
  https://maps.ccgisc.org/parcel_changes

  This public application allows users to filter and export parcel number changes based on a date range, township, parent parcel number, and/or parcel effective date. While the application is relatively straight forward, general instructions are available when you click the *Instructions* button.

- *Real Estate Sales Search*
  https://maps.ccgisc.org/sales

  This public application allows users to search the County Real Estate sales records by sales year and sales amount. The search area can be limited to the map extent, a defined area, or via a buffer. Search results can be exported to a csv file.

- *Document Search Map*
  https://maps.ccgisc.org/mapdocs

  This map application allows users to spatially search for documentation (deeds, subdivisions, ordinances, etc.) associated to a mapped feature – right of way, subdivision, municipal annexation, TIF ordinance, enterprise zone ordinance, easement, etc. The layer of interest must be toggled on for the associated pop-up to appear.

  Login credentials are required.

  Many of these apps were built with Web App Builder; all apps will be updated to Experience Builder prior to the ArcGIS Enterprise upgrade.

### c. CCGISC Websites

- *Document Server*
  https://www.docs.ccgisc.org

  The document server is an inventory of various documents including subdivision plats, easements, annexations, etc. Documents can be accessed directly from the Document Server or via a hyperlink in the associated GIS layer. For example, most subdivision polygons contain a hyperlink to the associated subdivision plat. This hyperlink directs users to the Document Server.

  Login credentials are required.

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- *Genealogy Website*
  https://www.ccgisc.org/Genealogy.aspx

  This site provides access to parcel genealogy (parcel number history). CCGISC recently completed a multi-year project to clean up the genealogy information to the best of our ability based on historic information (tax map books/control books). Data was imported into County tax system; if a major error is identified, please notify the County Assessment office. Edits to data in previous revenue years must be made by tax system vendor.

  Login credentials are required.

- *TaxMap Website*
  https://taxmap.ccgisc.org

  This is a historic annual record of the tax parcels going back to the early 1980's. Page and parcel number searches can be found interactively from RY 2008 (with 2009 Subdivisions) forward, all earlier years are available via folder browser or a page number search.

  Login credentials are required.

  CCGISC long-term goals include modernizing and updating these websites.

## 3. CCGISC Updates

### a. ArcGIS Enterprise / IIS Whitelisting

Bugs introduced in the ESRI print service at 11.5 did not allow us to print imagery from a public image service with a referrer URL using the ESRI print service. As a work around, we implemented IIS whitelisting bypassing the need to utilize service security tools in Portal/AGO. This approach has streamlined service security, reducing the overall time spent on AGO/Portal administrative tasks. It is a path under consideration for CCGISC vector services published to ArcGIS Enterprise. Further testing is needed and future updates will be provided.

### b. Metadata

General metadata has been assigned to all CCGISC data stored in the CCGISV and CCGISR Enterprise Geodatabases via a script that references a general metadata template. CCGISC staff are now working to update these layers with layer/table specific information. A formal process with staff assignments and progress reports is now in place. Progress updates will be periodically provided to the member agencies.

### c. Historic Right-of-Way (ROW) Document Mapping

To obtain and map the historic ROW documents, CGISC staff are working their way through the Grantor/Grantee and Miscellaneous books found in the County Recorder's Office. This is a long-term project, and progress is made as time allows. Document scanning progress is as follows:

| | | | | |
|---|---|---|---|---|
| TOWNS/VILLAGES | 81% | URBANA (1928 – 1975) | 0% |
| COUNTY (1928-1975) | 47% | URBANA (PRIOR 1928) | 0% |
| COUNTY (PRIOR 1928) | 0% | TOWNSHIPS (1928-1975) | 91% |
| ILLINOIS (1928-1975) | 0% | CITY OF CHAMPAIGN (1928-1975) | 100% |
| ILLINOIS (PRIOR TO 1928) | 0% | CITY OF CHAMPAIGN (PRIOR 1928) | 0% |
| RANTOUL (1928 – 1975) | 0% | MISC | 0% |

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Once scanned, these documents are reviewed by CCGISC staff then passed to the Assessment office.  Upon their review the documents are provided back to CCGISC for mapping.

## 4. Other Items

- *Street Jurisdiction Layers*

   As requested, three (3) street jurisdiction route event layers are available in the Transportation feature dataset in CCGISV – Jurisdiction (ownership), Snow, and Maintenance.  These layers were created using a combination of maps, supplied University maintenance matrices and general assumptions.

   CCGISC will forward a link to the Street Jurisdiction Review app once it is updated to include all three of the jurisdiction layers.  Upon agency review, jurisdiction updates/changes can then be reported using this app.  Changes can also be emailed to ccgisc@co.champaign.il.us.

- *Addressing Interface Update & Review of Addressing Standards*

   This project has been sidelined for the last couple of years.  It is a priority task for 2026 and will likely take upwards of a year to complete.

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