



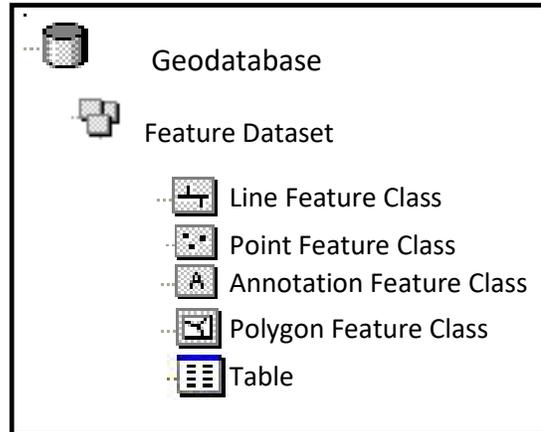
# CCGISC Data Structure and Description

November 2025

## Enterprise Geodatabase (ArcSDE)

Below is a list of data layers or feature classes that are currently distributed to the member agencies in from the CCGISV Enterprise Geodatabase. Additional details may be found in the metadata for a feature class. Please note, metadata is not yet complete for all layers and tables.

### Geodatabase Icon Explanation



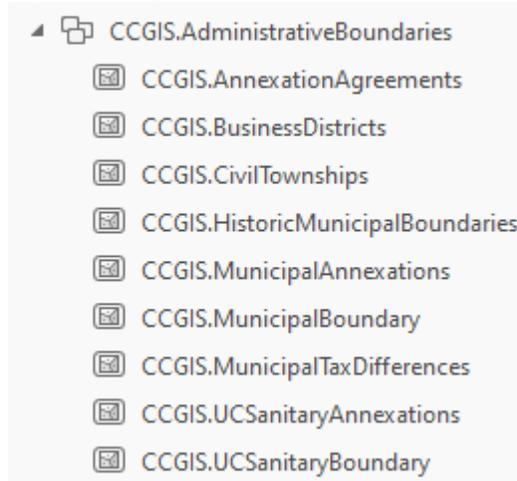
### Feature Datasets

- CCGIS.AdministrativeBoundaries
- CCGIS.CartographicFeatures
- CCGIS.CCSWCD
- CCGIS.DFIRM
- CCGIS.ElevationData
- CCGIS.MemberRequested
- CCGIS.MunicipalPlanningZoning
- CCGIS.NaturalFeatures
- CCGIS.Orthophoto\_TaxMapIndices
- CCGIS.OutsideAgencies
- CCGIS.ParcelFeatures
- CCGIS.ParcelFramework
- CCGIS.ParksRecreation
- CCGIS.PoliticalBoundaries
- CCGIS.SanitarySewer
- CCGIS.StormSewer
- CCGIS.TaxDistricts
- CCGIS.Transportation
- CCGIS.UCSD

## Administrative Boundaries

This feature dataset contains information regarding the boundaries of various administrative areas within the County.

*The names of the feature classes found within this feature dataset should provide a general explanation of the content*



### DETAILS:

#### **Municipal Boundary and W\_Municipal Boundary**

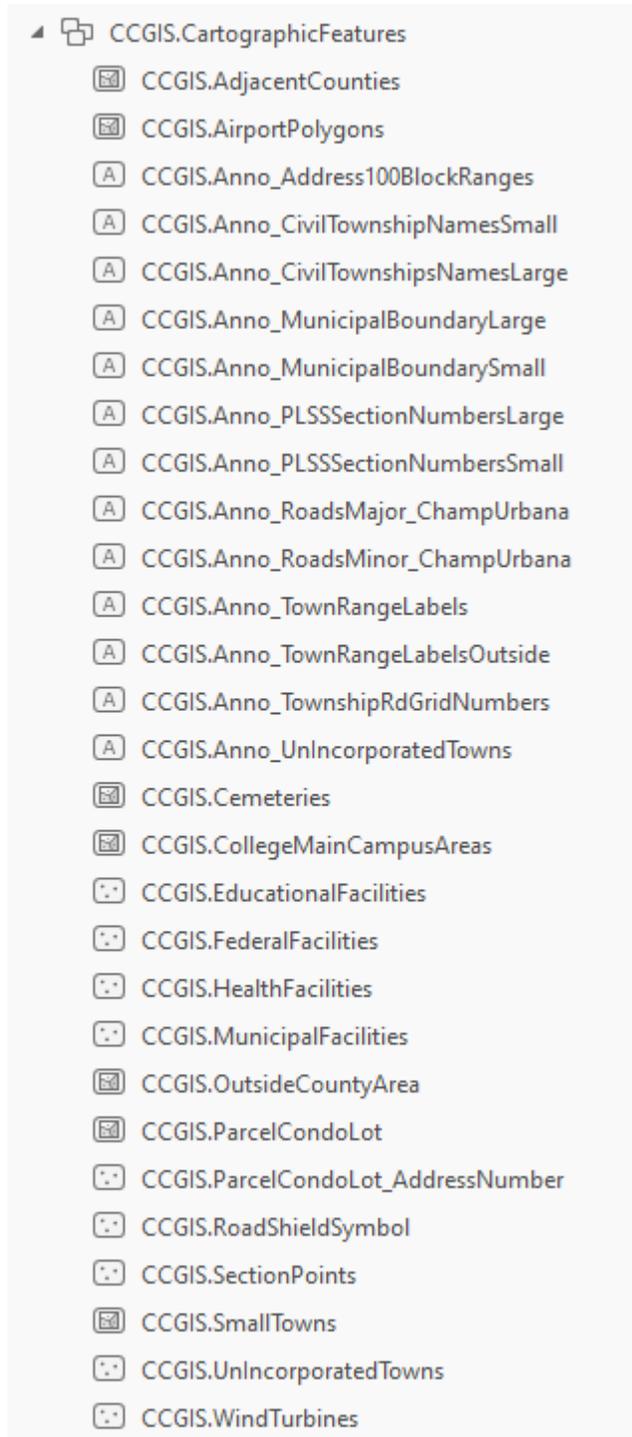
W = Working and represent the current Revenue Year

**W\_MunicipalBoundary** contains the most up-to-date municipal boundary information. **MunicipalBoundary** contains the municipal boundary from the previous revenue year

## Cartographic Features

This feature dataset contains point of interest data (POI) and other data used to assist with Cartographic production.

*The names of the feature classes found within this feature dataset should provide a general explanation of the content.*



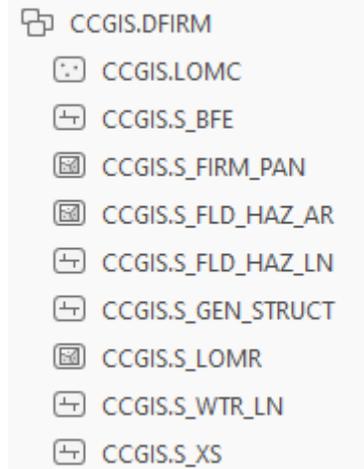
## CSWCD

This dataset contains information that was obtained from the Champaign County Soil and Water Conservation District (CCSWCD). The CCSWCD is responsible for maintaining these feature classes.



## DFIRM

This dataset contains the FEMA Digital Flood Insurance Rate Map data for the County.



### **DETAILS:**

ccgisv.CCGIS.S_XS	Floodplain Cross-sections
ccgisv.CCGIS.S_WTR_LN	Stream Centerline
ccgisv.CCGIS.S_FLD_HAZ_LN	Outline of Flood Hazard/Floodplain
ccgisv.CCGIS.S_FLD_HAZ_AR	Area or polygon of Flood Hazard/Floodplain
ccgisv.CCGIS.S_BFE	Base Flood Elevation lines
ccgisv.CCGIS.S_FIRM_PAN	Location and attributes for DFIRM hardcopy map panels (Hard Copy Index)
ccgisv.CCGIS.S_GEN_STRUCT	Location and attributes for flood control structures shown on the DFIRM

### **Attributes of Interest for CCGISV.CCGIS.S\_FLD\_HAZ\_AR**

ATTRIBUTE: ***FLD\_ZONE***

VALUES: A, AE, 0.2 PCT ANNUAL CHANCE OF FLOOD HAZARD

DESCRIPTION:

A - No base flood elevations determined

AE - contains base flood elevations

0.2 PCT ANNUAL CHANCE OF FLOOD HAZARD – 2% change of a flood being equaled or exceeded in any given year

ATTRIBUTE: ***SFHA\_TF***

VALUES: T OR F (True or False)

DESCRIPTION:

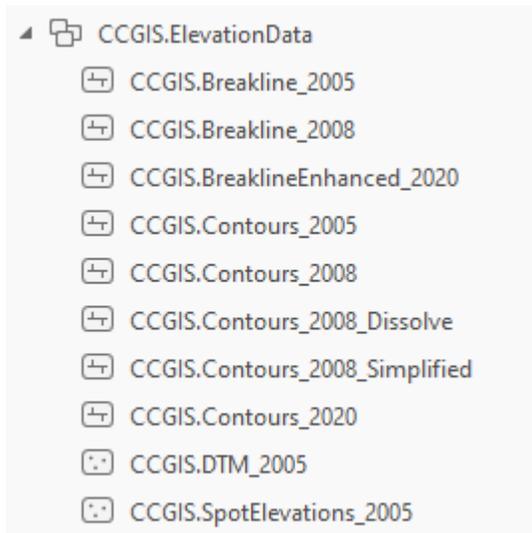
T - 0.1 percent annual chance of flood hazard (ZONE\_LID will be A or AE)

F - 0.2 percent annual chance of flood hazard (ZONE\_LID will be 0.2 PCT ANNUAL CHANCE OF FLOOD HAZARD)

## Elevation Data

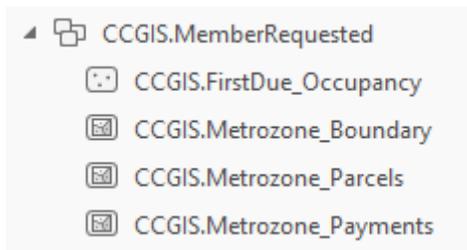
This feature dataset contains elevation data captured in 2005, 2008, and 2020. The 2005 data only contain a subset of County focused on Champaign, Urbana, Savoy and Rantoul. The 2008 and 2020 data cover all of Champaign County.

*The names of the feature classes found within this feature dataset should provide a general explanation of the content.*



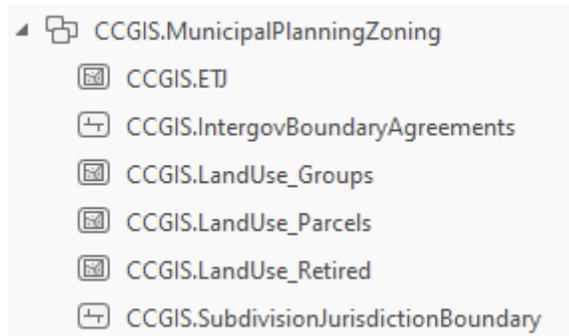
## Member Requested

This dataset contains layers requested by specific member agencies. FirstDue\_Occupancy contains county-wide data formatted for the FirstDue software utilized by some of the municipal Fire Departments. The Metrozone layer pertains to data regarding the Urbana/Champaign Metrozone.



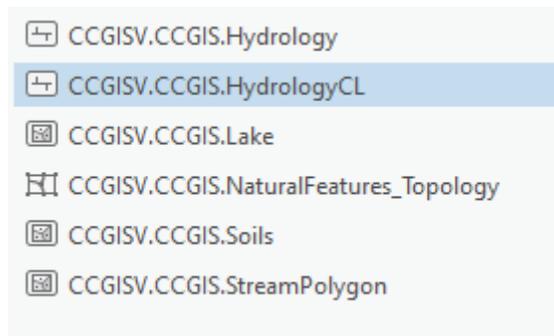
## MunicipalPlanningZoning

This dataset includes boundary information for the municipalities within Champaign County. These include, Extra-Territorial Jurisdiction (ETJ), Boundary Agreements, and Subdivision Jurisdiction Boundaries. In addition, data layers for the county-wide land use project are also contained in the feature dataset. Please reference the link below for details related to the land use project - [https://www.ccgisc.org/portal/CCGIS\\_PropertyLandUseReferenceGuide.pdf](https://www.ccgisc.org/portal/CCGIS_PropertyLandUseReferenceGuide.pdf)



## NaturalFeatures

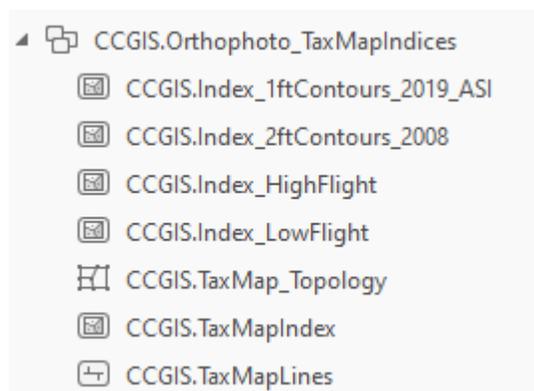
This dataset includes both natural and man-made water features and delineated soil data. The **Hydrology** and **Lake** feature classes were originally created by delineating visible features from 2002 orthophotography, many of the larger features contain both stream centerline and stream edges. The **HydrologyCL** is an edited version of the Hydrology feature class. This edited version contains only stream centerlines. Streams found on the USGS 7.5' quadrangle maps were added to the HydrologyCL layer. The **Soils** layer was provided by the USDA, NRCS office. For more information regarding the Soils layer see the included metadata.



## Orthophoto\_TaxMapIndices

This dataset contains the index pages used for orthophotography and elevation data (contours and spot elevation points) and Champaign County tax map pages.

*The names of the feature classes found within this feature dataset should provide a general explanation of the content.*



## OutsideAgencies

This dataset contains data received from a variety of agencies.

*The names of the feature classes found within this feature dataset should provide a general explanation of the content.*

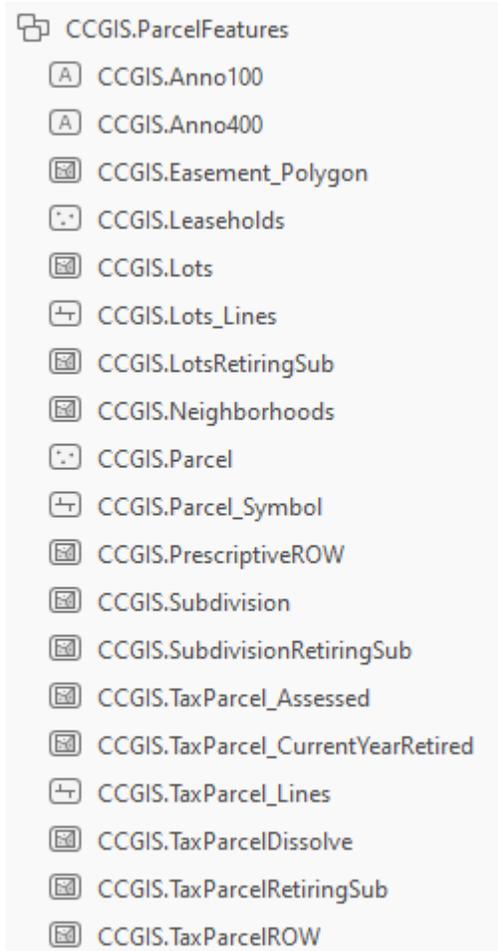
 CCGIS.OutsideAgencies	 CCGIS.MTD_Late_Night_Community
 CCGIS.COC_Building_Footprints	 CCGIS.MTD_Saturday_Day_Routes
 CCGIS.COC_CouncilDistricts_2000	 CCGIS.MTD_Saturday_Night_Routes
 CCGIS.COC_CouncilDistricts_2011	 CCGIS.MTD_Shelters
 CCGIS.COC_CouncilDistricts_2024	 CCGIS.MTD_Stops
 CCGIS.CUPHD_FoodService2011	 CCGIS.MTD_Sunday_Day_Routes
 CCGIS.FEMA_FloodZone_FIRM1986	 CCGIS.MTD_Sunday_Night_Routes
 CCGIS.FWS_NWI	 CCGIS.MTD_Weekday_Night_Routes
 CCGIS.ISGS_Aq300	 CCGIS.MTD_Weekday_Routes
 CCGIS.ISGS_Aq500	 CCGIS.Rantoul_BoardDistricts
 CCGIS.ISGS_Aqg500	 CCGIS.RegionofEducationSchoolDistricts
 CCGIS.ISGS_AqSandGravel	 CCGIS.RegionofEducationSchoolDistricts_Lines
 CCGIS.ISGS_NitrateSuscept	 CCGIS.UIUC_Buildings_ParkingLots
 CCGIS.ISGS_PesticideSuscept	 CCGIS.UIUC_MasterPlanBoundary
 CCGIS.ISGS_WellPoints	 CCGIS.Urbana_Wards_2011
	 CCGIS.Urbana_Wards_2024
	 CCGIS.USD116_AttendanceAreas
	 CCGIS.USD116_SubDistricts
	 CCGIS.USD116_SubDistricts_2010
	 CCGIS.USGS_CChucs12digit
	 CCGIS.USGS_Watersheds

## ParcelFeatures

This dataset conveys information associated with a tax parcel management system.

*The names of the feature classes found within this feature dataset should provide a general explanation of the content.*

*To view a combination of annotation and label dimensions, bring the Annotation\_Dimension\_Labels service into your map.*



### **DETAILS:**

**TaxParcelDissolve** – This layer contains polygon outlines of the tax parcels including the portion of the tax parcel that falls within the road right-of-way. This feature class contains the Parcel Identification Number (PIN) associated to each of the tax parcels.

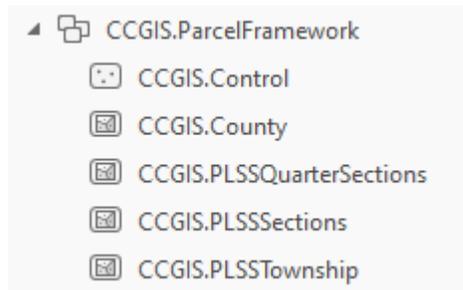
**Parcel** – This layer contains point features that fall within the bounds of the Tax parcel polygons, a parcel number is associated to point.

**Subdivision** –The layer contains the outlines of current Subdivision boundaries, a variety of attributes exist in this feature class including subdivision names, record date, Recorder’s office document number, etc.

## ParcelFramework

This feature dataset conveys the Public Land System Survey (PLSS) grid system along with monument and control points.

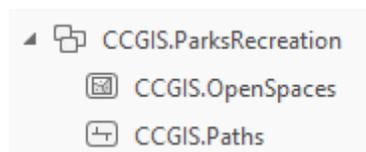
*The names of the feature classes found within this feature dataset should provide a general explanation of the content.*



## ParksRecreation

This feature dataset is maintained by the Champaign Urbana Urbanized Area Transportation Study (CUUATS).

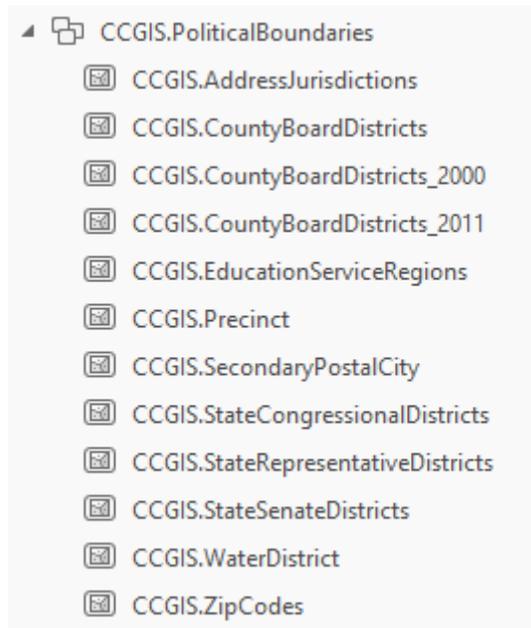
*The names of the feature classes found within this feature dataset should provide a general explanation of the content.*



## PoliticalBoundaries

This feature dataset contains various political boundaries found within Champaign County - county board divisions, voting precincts, state representative districts, etc.

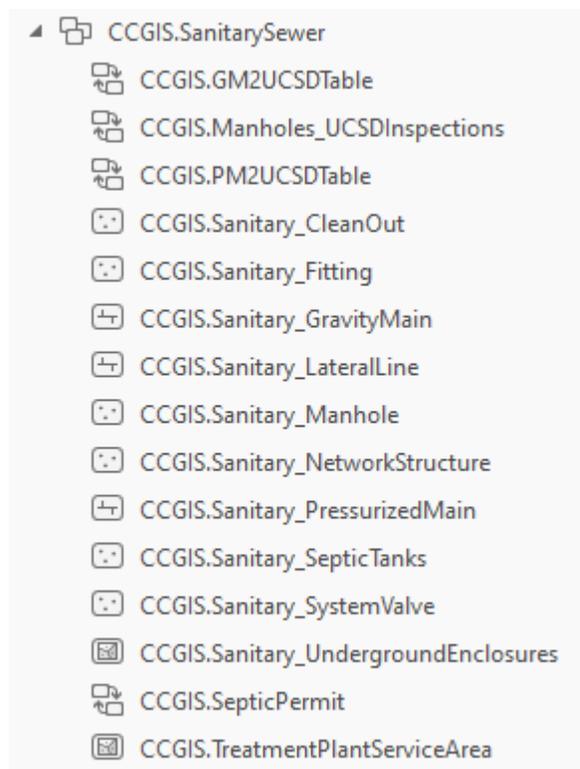
*The names of the feature classes found within this feature dataset should provide a general explanation of the content.*



## SanitarySewer

This feature dataset contains SanitarySewer information for all the entities that tie into the Urbana Champaign Sanitary District (UCSD).

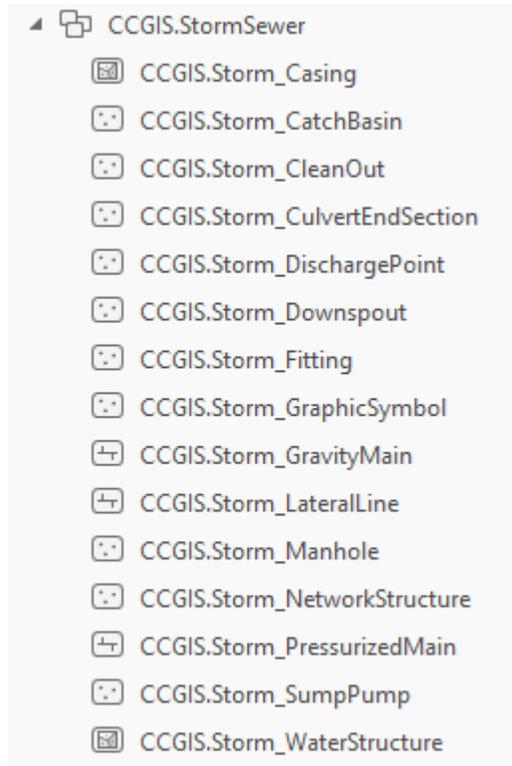
*The names of the feature classes found within this feature dataset should provide a general explanation of the contents.*



## StormSewer

This feature dataset inventories the storm water sewer structures. These layers are only updated annually.

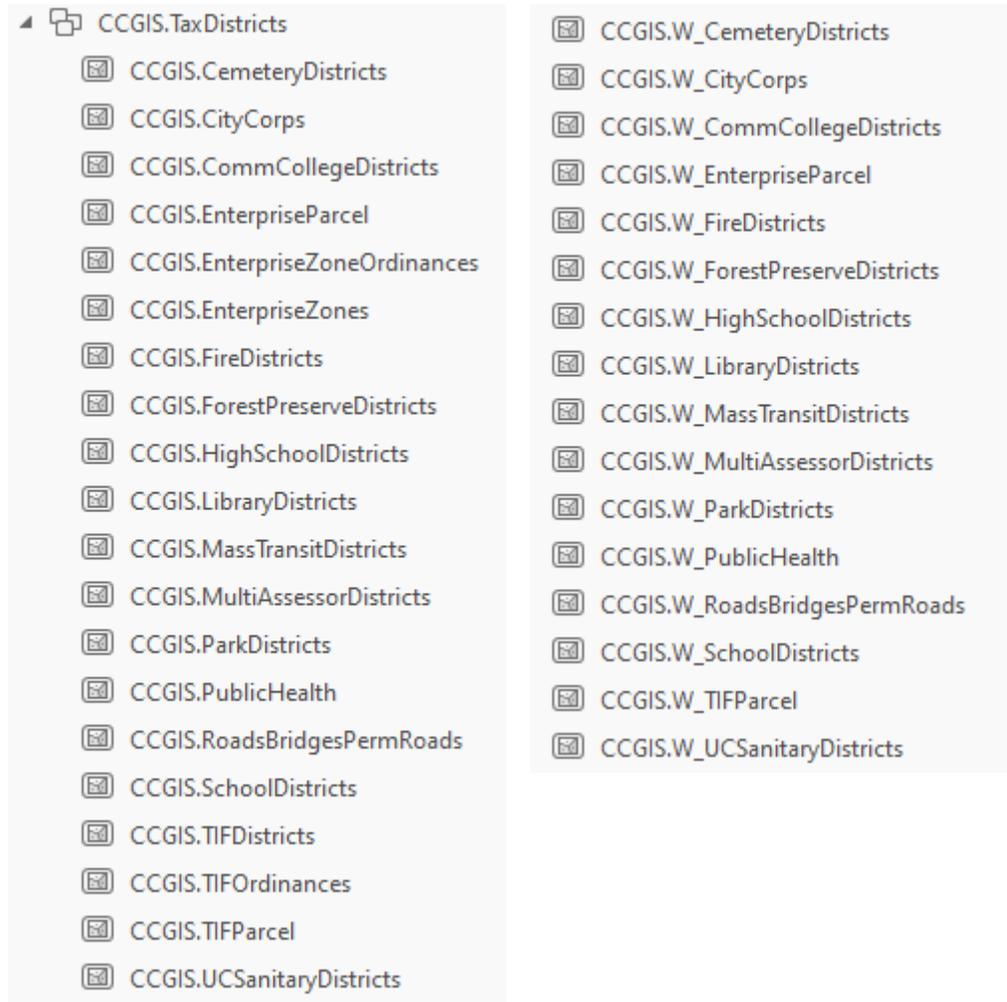
*The names of the feature classes found within this feature dataset should provide a general explanation of the contents.*



## TaxingDistricts

This feature dataset includes polygons of the Champaign County tax districts.

*The names of the feature classes found within this feature dataset should provide a general explanation of the contents.*



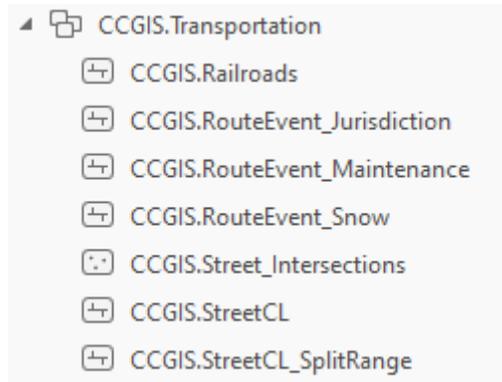
### DETAILS:

- **W\_<TaxDistictName>**  
W = Working and represent the current Revenue Year
- **W\_<TaxDistictName>** contains the most up-to-date tax district boundary  
**<TaxDistictName>** contains the tax district boundary from the previous revenue year

## Transportation

This feature includes Street Centerlines, Railroads, Intersection Nodes, and Jurisdiction Ownership and Maintenance Routes.

*The names of the feature classes found within this feature dataset should provide a general explanation of the contents.*



### **DETAILS:**

- **StreetCL** – The street centerlines are updated as new subdivision plats are recorded and received. Address ranges are included in this layer.
- **StreetCL\_SplitRange** – In progress layer based on the StreetCL layer. This layer splits roadways when an address range progresses to the next consecutive block regardless of an existing intersection.
- **Street\_Intersections** – This layer is not updated.
- **RouteEvent\_XXXX** – layers created with linear referencing to track various jurisdictions throughout the County, including ownership (Jurisdiction), roadway maintenance, and snowplow. Sources: University/Agency matrices, and agency input. Edits made when provided by agencies.

## Tables & Views

### Champaign County Property Information Tables

The PIN field is used to join these tables to the TaxParcelDissolve polygons or Parcel points feature classes. Detailed descriptions of the A\_Master and A\_Master\_Assessed found at the following link - <https://www.ccgisc.org/portal/CountyTaxSystemTables.xlsx>

NAME	DESCRIPTION
A_Master	County Master Database
A_Master_Assessed	County Master Database with descriptive field names and only includes Assessment office fields; treasurer fields removed
A_DrainageName	List of Drainage Districts; includes assigned name and code
A_DrainageParcel	List parcels assigned to a drainage district
A_SalesHistory	All Sales History data maintained by County
A_SalesTable_Recent	Most Recent Sales data tied to a parcel number; derived from A_SalesTable
A_PropertyTax_Mailing	Tax Bill Mailing Address; contact_type field indicates if it is the owner address or mailto address; mailto addresses as found in the tax system take precedent in this table over owner addresses.
SUBDIVISIONINFO	Subdivision Information; contains additional details for active and platted over subdivisions; this table can be joined to Subdivision layer (ParcelFeatures) using the <i>SubdivisionID</i> fields
A_SiteAddress	Property Location/Site Addresses; mimics the property locations addresses found in the tax system. Only contains main address entry/entries for each parcel; parcels can have more than one main address. The <i>address_type</i> field provides a description of the defined address type. For example, STANDARD = one address per parcel; MULTIPLE MAIN ADDRESS = more than one main address per parcel; MULTIPLE SUB ADDRESSES = parcel contains sub addresses; the subaddresses are not contained in this layer.
A_SiteAddress_OneToOne	Property Location/Site Addresses; same as table above, but only contains one main address per parcel. This listed address is the primary main address as determined by the addressing authority; if a primary address has not been identified by the addressing authority, the main address is determined through alphanumeric sorting.

*PropLoc_Multiple (Deprecated, soon to be deleted)	Property Location (situs) Addresses for tax parcels that contain more than one main address. <b>For Example:</b> a tax parcel may contain 3 buildings with 5 units. Each building was assigned a unique main address i.e. 401 Tulip Lane, 403 Tulip Lane, and 405 Tulip Lane. The table will contain entries for each of the 3 main address, but will <b>not</b> contain entries for the 15 sub-addresses.
*PropLoc_Single (Deprecated, soon to be deleted)	Property Location (situs) Address; This table only one entry for each tax parcel. The provided address is considered the main address; Tax parcels with more than one main address are denoted with "Multiple Address" in the STREET field; main addresses for these tax parcels are located in the PropLoc_Multiple table.

*\*For a complete listing of property location main addresses, PropLoc\_Multiple and PropLoc\_Single need to be combined.*

## Look Up Tables

NAME	DESCRIPTION
LUT_APROPcodes	AProp code and description ( <i>field found in A_Master tables</i> )
LUT_LandUseCodes	LandUse Project land use codes and descriptions (for details see: <a href="https://www.ccgisc.org/portal/CCGISC_PropertyLandUseReferenceGuide.pdf">https://www.ccgisc.org/portal/CCGISC_PropertyLandUseReferenceGuide.pdf</a> )
LUT_UseCodes	Use code and description ( <i>field found in A_Master tables</i> )
LUT_PIN2TwpRng	First 4 digits for PIN and associated Township and Range values
ZipCodeLookupTable	Zip codes associated to each community. Two zip code fields exist, one represents the zipcode as a string, the other as an integer
TaxCycle_CurrentYear	Lists the current tax cycle year for the various County offices; of note, A = Assessor; C = Clerk, T = Treasurer

## Address Tables/Views

NAME	DESCRIPTION
AddressDatabaseView	All addresses within Champaign County
AddressView_Champaign	All addresses where Authority = "Champaign"
AddressView_Urbana	All addresses where Authority = "Urbana"
AddressView_Mahomet	All addresses where Authority = "Mahomet"
AddressView_Rantoul	All addresses where Authority = "Rantoul"
AddressView_Savoy	All addresses where Authority = "Savoy"
AddressDatabaseURH	All the University Residence Hall (URH) unit addresses