



CONNECT Explorer

2021 LAR-IAC Virtual User Group

Trainer: Matt Rieck

October 14, 2021



Goals

search & locate imagery

interact with GIS data

make accurate analytical measurements

export images

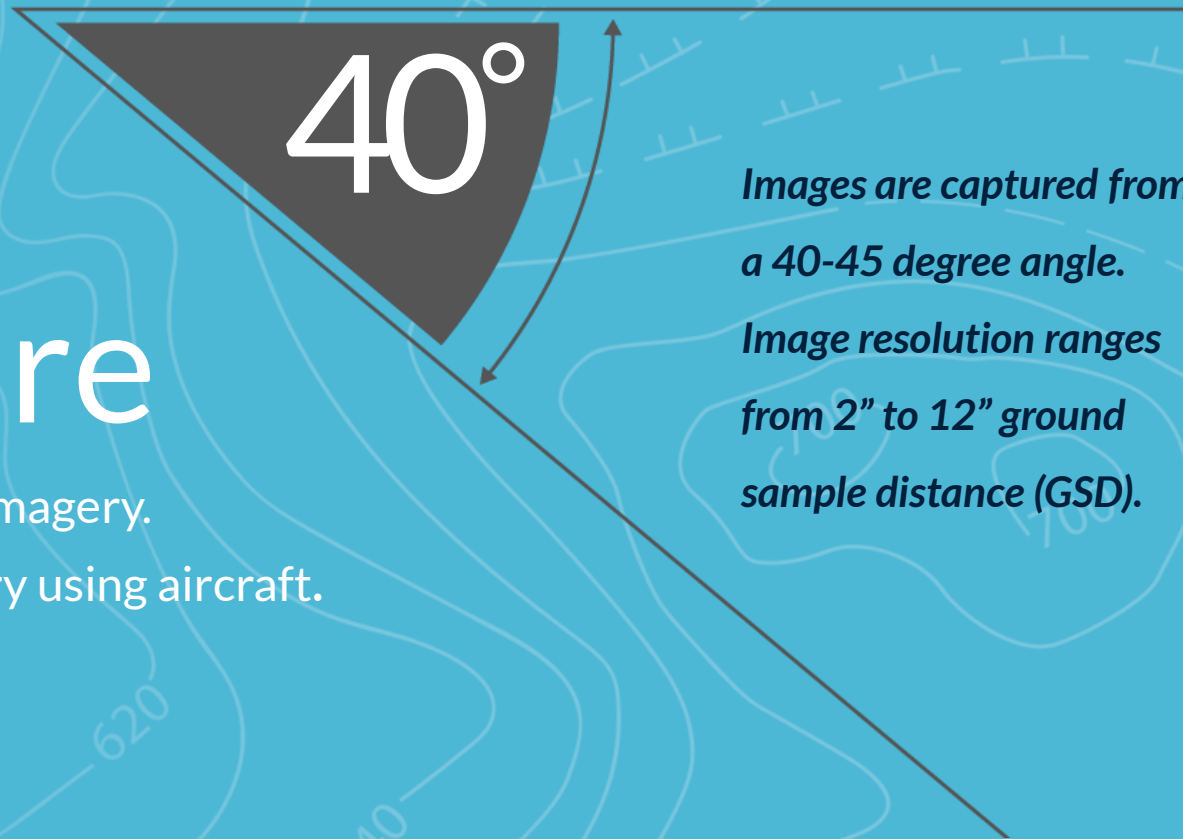
Workspaces



Image capture

Capture of high-resolution **orthogonal** imagery.

Innovated the capture of **oblique** imagery using aircraft.



Images are captured from a 40-45 degree angle.

Image resolution ranges from 2" to 12" ground sample distance (GSD).

www.explorer.eagleview.com

CONNECTEXPLORER™
eagleview

Email Address

Password

Remember Me

[CONNECTExplorer™](#)

[CONNECTAdmin™](#)

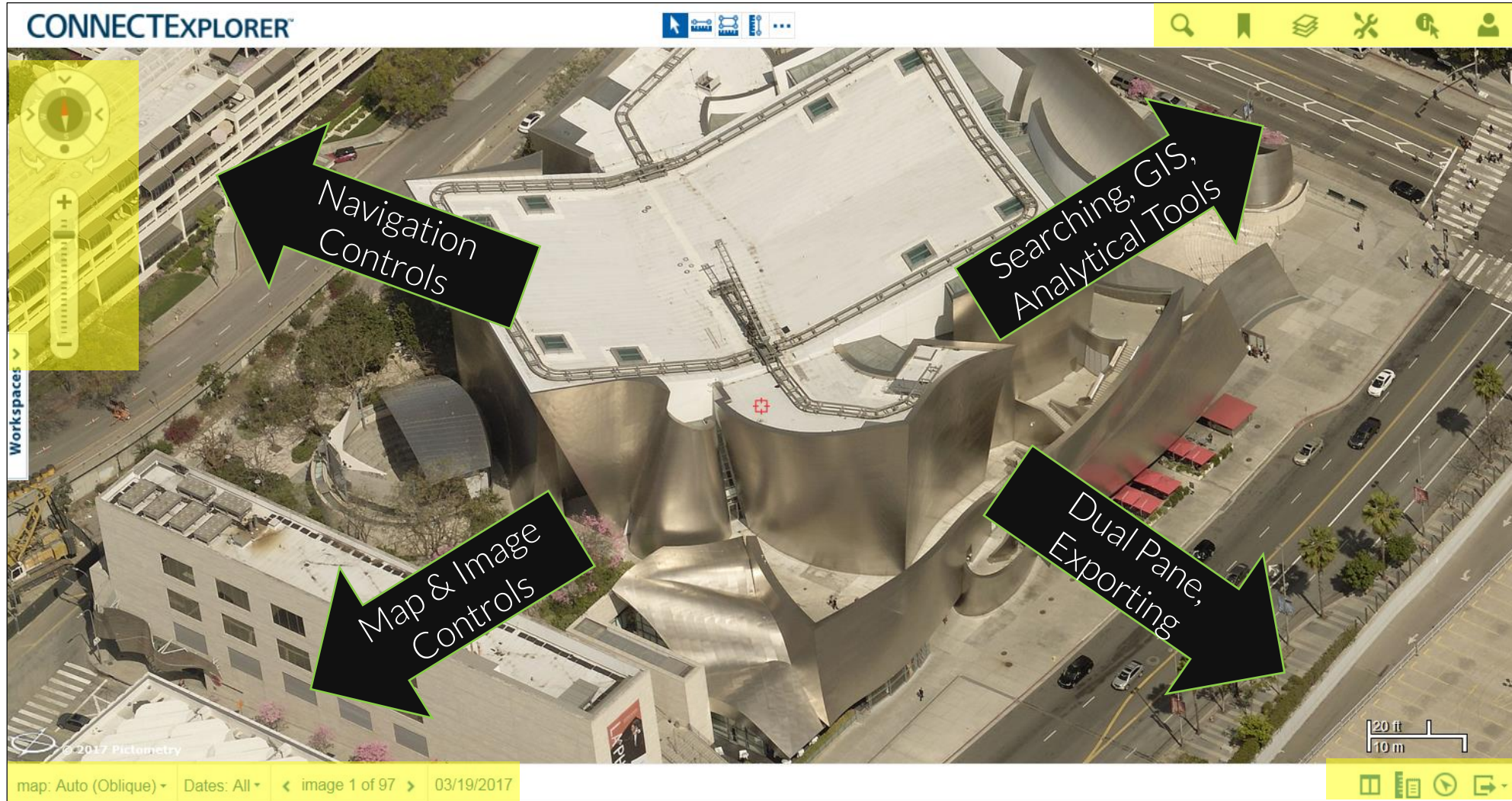
WELCOME

NEED SOME ASSISTANCE?
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CONNECTExplorer interface



Navigation

Compass



Click navigation buttons to change image view



Indicates oblique image (north, south, east, west)



Indicates ortho image



Rotate image view clockwise or counter-

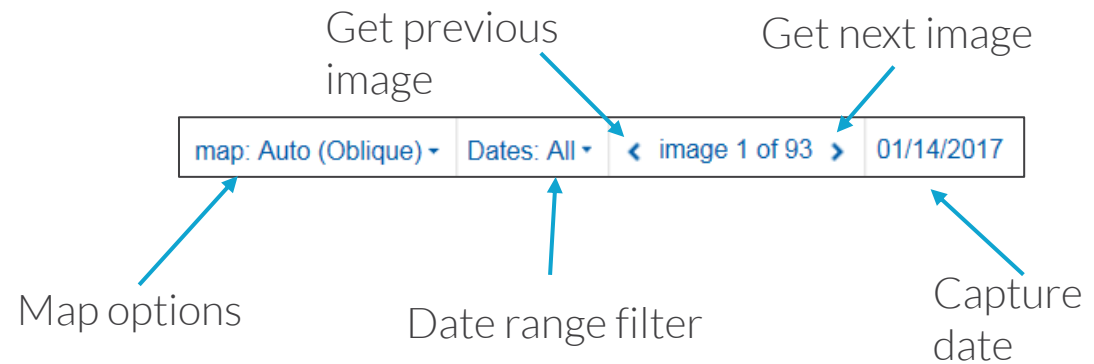
clockwise

Zoom control



Use the zoom slider or quick level shortcuts to zoom in and out

Map & image controls



Dual Pane

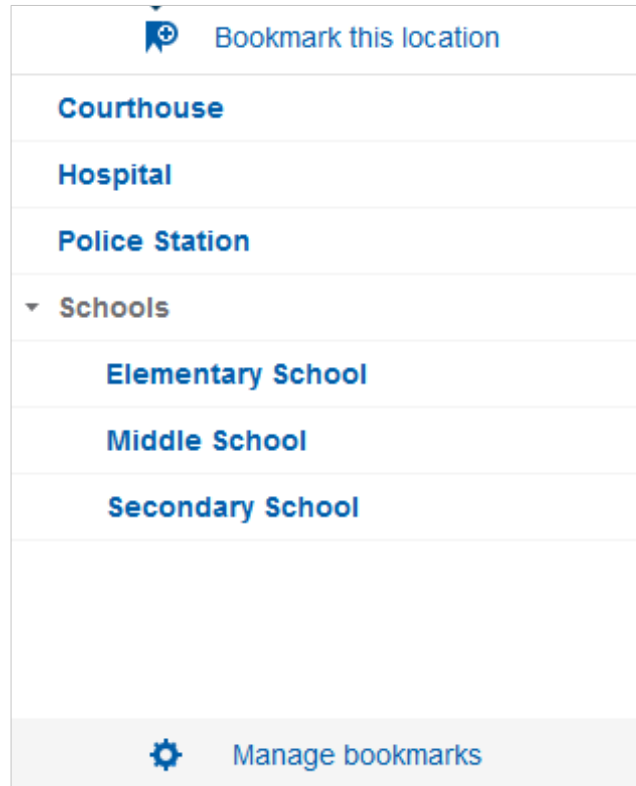


Creates two image panes, allowing for easy comparison



Bookmarks

 Save favorite image locations by creating a Bookmark



Bookmarks retain the image location, orientation and zoom level. Consider these elements prior to setting the Bookmark.

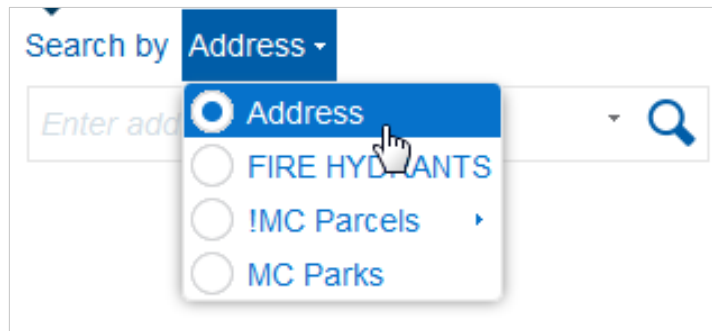
On the Bookmark tab, click Bookmark this Location.

Organize and remove Bookmarks by selecting Manage Bookmarks.

Finding locations

Search profiles

Select the profile and type the desired criteria



GPS tool (my location)

Click to display images for your current location (on location-enabled devices, such as a tablet)

Identifying data



The screenshot shows the EagleView software interface. On the left is an aerial map of a residential area with a blue rectangular box drawn around a house and a red dot on its roof. A scale bar at the bottom left indicates 50 feet and 20 meters. On the right is a panel titled 'Choose an identify tool' with three options: 'Point', 'Box', and 'Line'. Below this is a 'Buffer' field set to 0 Feet and a 'Layers' dropdown set to 'All Layers (10)'. The 'Results by layer' section shows three radio buttons: 'US Parcels (1)', 'MC Towns (1)', and 'IMC Parcels (1)', with 'IMC Parcels (1)' selected. Below this, a dropdown menu is expanded to show the following details for a selected parcel:

- disp_addr: 76 Nightfrost Lane
- disp_addr: 76 Nightfrost Lane
- pt_key: 176.13-1-84
- p_name: Nightfrost Lane - Henrietta
- sch_name: Rush Henrietta Cent
- acres: 0.35

Identify by:

- Point (click single location)
- Box (draw box to select a larger area)
- Line (draw line or shape to select a larger area)

Buffer option:

- To identify information surrounding a specific location, set a buffer.

Layers option:

- Select to limit the results returned to the only the layers of interest.

Results by layer:

- Select the layer containing the desired data

View results:

- Expand to view additional results

Measurement tools



Location

Location: click a location to view lat/long coordinates



Distance

Distance: click to measure, double-click to end measurement



Area

Area: click each corner of an area to measure, double-click to end measurement



Height

Height: click the lower point to start measuring, then click the upper point to complete the measurement



Elevation

Elevation: click the point to receive elevation data



Bearing

Bearing: click a point to start measuring, double click the end point to perform bearing measurement; or click a second point and then double-click a third point to measure bearing difference



Dist. Gnd.

Distance Ground: click to measure, double-click to end measurement (this considers elevation)



Vert area

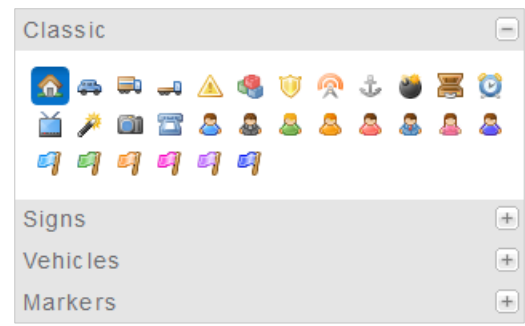
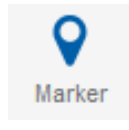
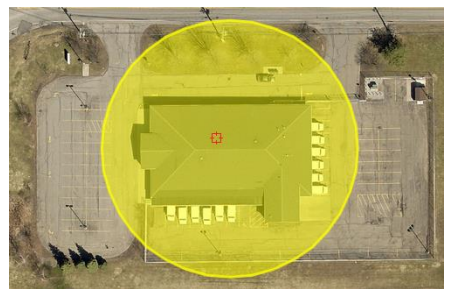
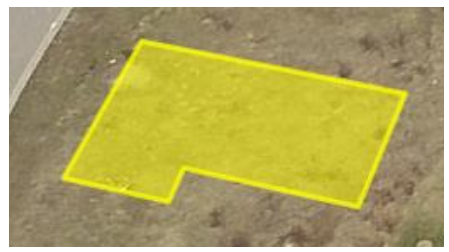
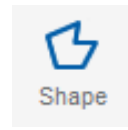
Vertical Area: click the lower point to start measuring, click the upper point to determine height, then click a third point to complete the measurement



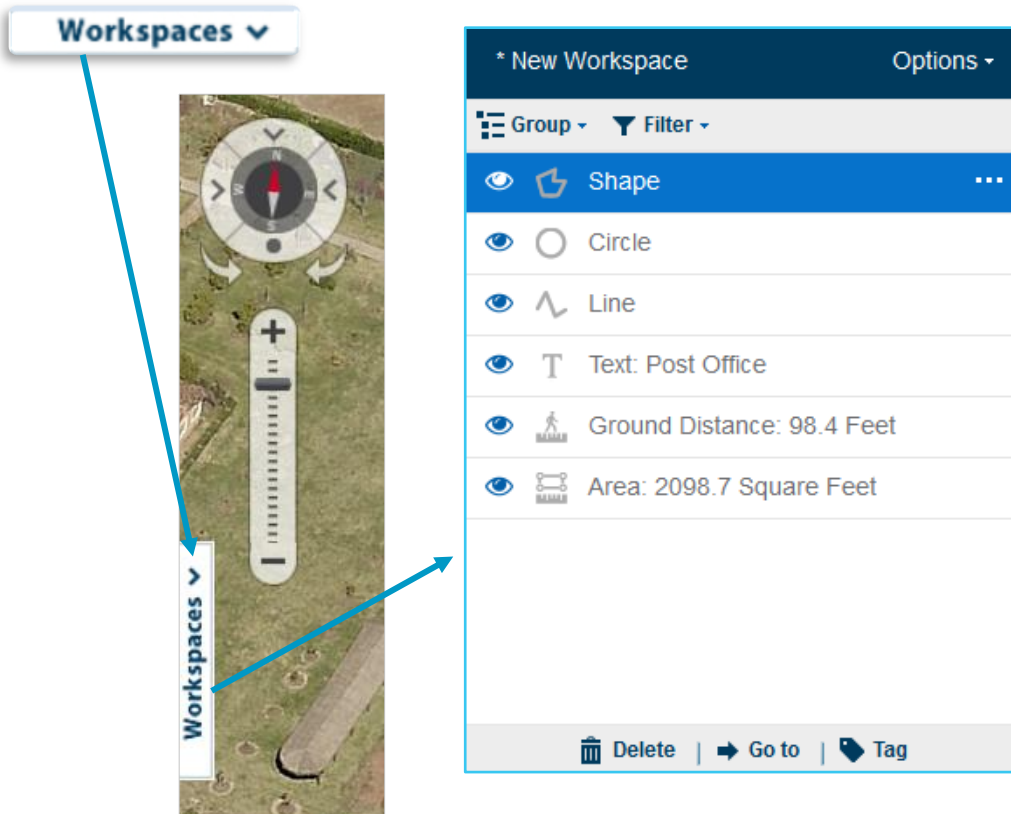
Grnd Slope

Ground Slope: click a point and then a second point to view the ground slope and elevation difference between the two points

Annotation tools

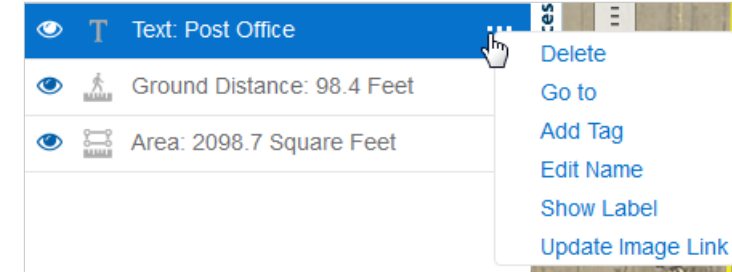


Workspaces

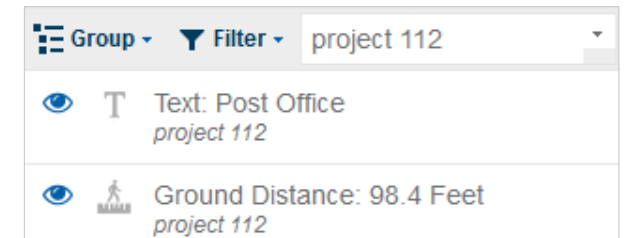


Workspaces save pinned measurements and annotations.

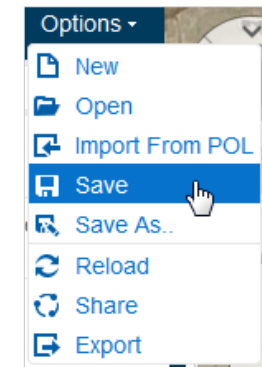
Select the **...** to edit, tag (link), and delete annotations.



Group and filter annotations to sort and find items.



Select **Options** to save, open, and share the workspace.



Workspaces Example #1

Des Moines Public School District in **Polk County, IA**, has created a repository of workspaces with measurements for their properties.

Explorer Tool Type: Workspaces and Measurement Tools

Purpose: Measuring imagery gives them an idea of areas involved when posting RFPs.

Measurements saved in Workspaces for future reference.
Saves time on getting quotes, and district is better able to forecast expenses.



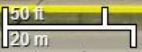
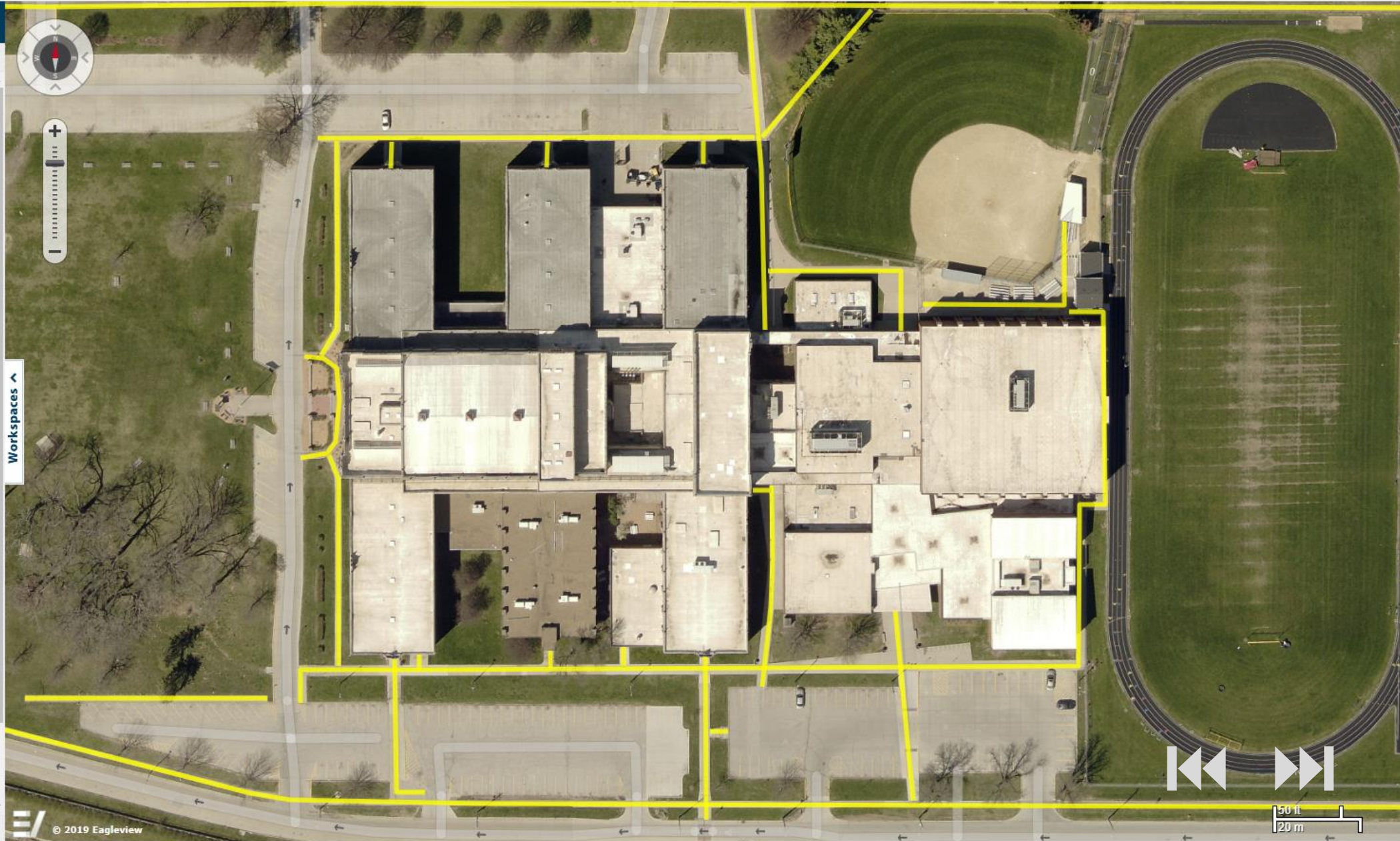
Roosevelt Sidewalk Options ▾

Group ▾ Filter ▾

- Distance: 1723.9 Feet
- Distance: 207.1 Feet
- Distance: 128.8 Feet
- Distance: 248.4 Feet
- Distance: 148 Feet
- Distance: 172.8 Feet
- Distance: 940.8 Feet
- Distance: 13.1 Feet
- Distance: 14.6 Feet
- Distance: 13.1 Feet
- Distance: 155 Feet
- Distance: 146.5 Feet
- Distance: 10.9 Feet
- Distance: 125.4 Feet
- Distance: 13.9 Feet
- Distance: 124 Feet
- Distance: 116 Feet
- Distance: 167.9 Feet
- Distance: 163.3 Feet
- Distance: 17.2 Feet
- Distance: 20.2 Feet
- Distance: 20.5 Feet



Workspaces ^



Delete | Go to | Tag

map: Auto (Ortho) ▾ Dates: Latest ▾ < image 1 of 3 > 04/20/2019

map: Auto (Ortho) ▾ Dates: Latest ▾ < image 1 of 4 > 04/21/2019

Workspaces Example #2

Mapping proposed wind turbines in Lea County, NM

Explorer Tool Type: Workspaces

Purpose: Map out proposed and constructed wind turbines for multiple projects.

Cross-reference against county tax records to update assessments.

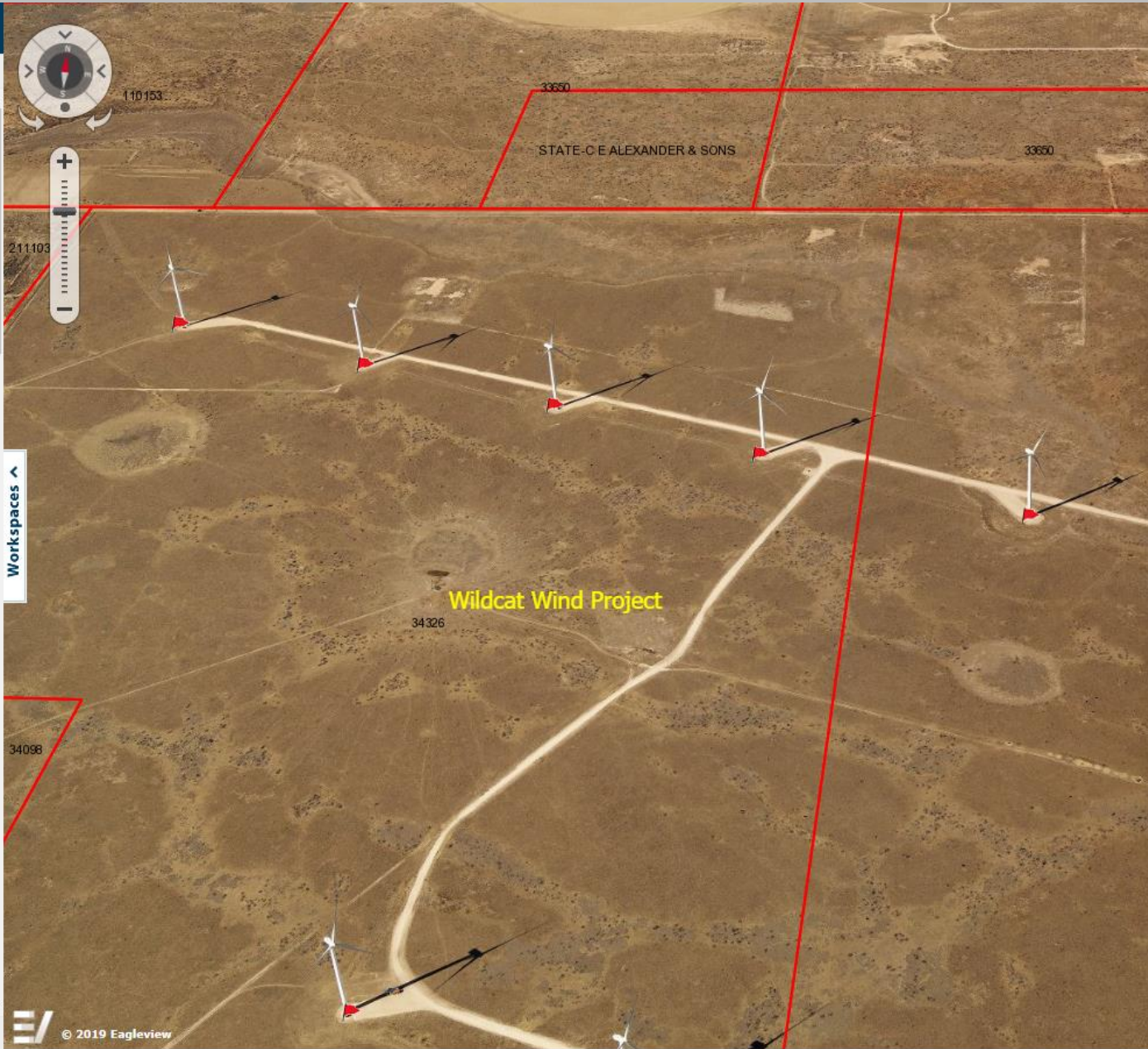
Starting point to create Turbines GIS layer.



Group ▾ Filter ▾

- T Bogle LTD Co. #33791: Oso ...
32.96267739, -103.8049506
- T Bogle LTD Co. #33791: Oso ...
32.96335377, -103.8118341
- T Eidson Ranch, Inc #76302: ...
32.94673159, -103.7551939
- T Bogle LTD Co #33791: Oso ...
32.95853274, -103.7901323
- T Bogle LTD Co. #33791: Oso ...
32.95600467, -103.7833216
- T Bogle LTD Co #33791: Oso ...
32.95294963, -103.7766221
- T Bogle LTD Co. #33791: Oso ...
32.95025355, -103.7705312
- T Bogle LTD Co #33791: Oso ...
32.94743884, -103.7647353
- T Eidson Ranch, Inc #76302: ...
32.94533102, -103.7481031
- T Bogle LTD Co. #33791: Oso ...
32.93405005, -103.7865052
- T Bogle LTD Co. #33791: Oso ...
32.93185045, -103.7791971
- T Bogle LTD Co. #33791: Oso ...
32.93147034, -103.7699452
- T Bogle LTD Co #33791: Oso ...
32.93192258, -103.767764
- T Eidson Ranch #34113: Oso ...
32.96365305, -103.7090064
- T Eidson Ranch #34113: Oso ...
32.95870081, -103.7039969
- T Eidson Ranch #34113: Oso ...
32.95533122, -103.6979114

Workspaces ▾



Wildcat Wind Project D... X

Name:

Wildcat Wind Project

Tag:

32.960094, -103.278793 ▾

Description:

Turbine ID: 3040602
 Year Online: 2012
 Rated Capacity: 2.1 MW
 Hub Height: 90 m

Link URL:

Link Title:

Image Link:

Ok Cancel



Workspaces Example #3

Locating illegal RV parks in **Lea County, NM**

Explorer Tool Type: Workspaces

Purpose: Using imagery to identify illegal RV Parks, record in Workspaces.

Cross-referencing against county tax records to update assessments.

From July – Dec 2019, they confirmed 107 parks, and identified **37** RV Parks that were not on the tax roll.





* RVMH Project

Options ▾

Group ▾ Filter ▾

2 spaces

#50591
2 spaces

#53257
15 spaces

#51504
5 spaces

#53359
5 spaces

#50988
13 spaces

#51569
17 spaces

#75338
13 spaces

#50925
8 spaces

#50487
4 spaces 2 mh

#50741
10 spaces

#203244
4 spaces 2 mh

#211116
4 mh spaces

#205868
13 spaces

#70883
14 spaces

Delete | Go to | Tag



#53359 Details



Name:

#53359

Tag:

5 spaces

Description:

not on tax roll

Link URL:

Link Title:

Image Link:

Ok Cancel



Workspace rights

Deny: User is not allowed any access to the workspace.

Restricted: User can view the workspace but cannot modify or save it.





Viewer: User can view the workspace and save a copy. The user becomes the 'author' of the saved copy.

Contributor: User can modify and save the workspace. They cannot delete, rename, or share with other users.

IMPORTANT: *Changes may be lost if multiple users modify a workspace at the same time, depending on who saves first. Manage your collaborative projects accordingly.*

Exporting



-  **Export Visible Area** – exports the image as shown in the image window
-  **Export Area** – draw box on image to clip a part of the image
-  **Export Entire Image** – exports the full size of the image as originally captured (may be very large in size)
-  **Export PDF** - exports to a PDF Viewer, which can be saved or immediately printed
- Share Link** - Provides URL to specific image location that can be saved or emailed



Review

search & locate imagery

interact with GIS data

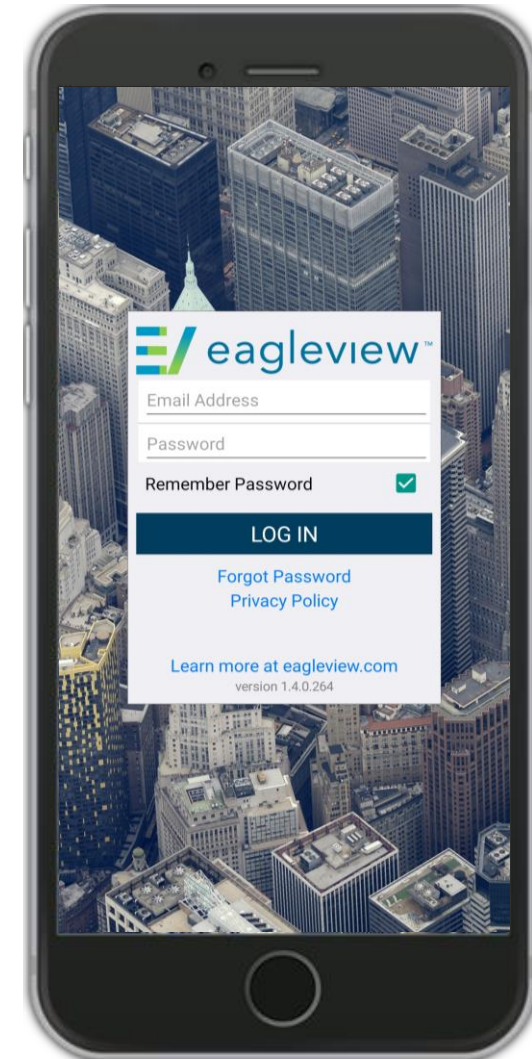
make accurate analytical measurements

export images

Workspaces

CONNECTMobile

Search for “EagleView CONNECTMobile”



Additional support & training options



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Technical support questions

Call 855-337-1526 (8:00 am-8:00 pm Eastern)

Email customersupport@eagleview.com



Training

Email training@eagleview.com



Thank you