

SOLANO COUNTY REGIS

Meeting Agenda



Location: Virtual Microsoft Teams Meeting
[Click here to join the meeting](#)

Date: September 21, 2022
Time: 9:00am ~ 10:00am PST
Facilitator: Curt/Sean

1. Introductions (5 mins)
2. Approval of July 20 meeting minutes, and New Business (10 mins)
 - a. Open floor
3. Discussion (35 mins)
 - a. Sanborn Imagery Presentation – Bridgette
 - b. Lidar Workgroup Update (next year flight)
 - c. EOS News - August flood exercise
 - d. Broadband update from August 23 council meeting
 - e. GIS Day
 - f. Desktop GIS Training
4. Action Items (5 min)
 - a.
 - b.

Principal Organization Contact:

Sandy Ayala	Benicia	Stewart Bruce	Solano County
Jordan Santos	Dixon	Kathrina Gregana	STA
Jasmin Acuna	Fairfield	Rowland Roberts	Suisun City
Nellie Dimalanta	FSSD	Dan Mattheis	Travis AFB
Robin Borre	Rio Vista	Curt Corbett	Vacaville
Justin Pascual	SCWA	Alex Lacson	Vallejo
Bao Nguyen	SID	Mariah Henderson	VFWD

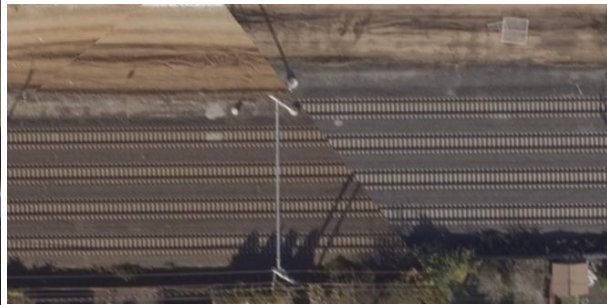
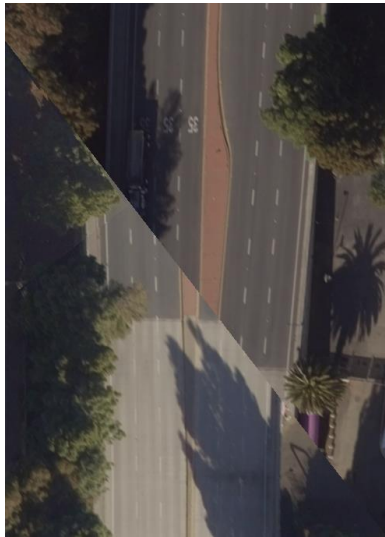


The creation of ortho imagery involves a number of important steps, beginning with the actual orthorectification, which corrects the geometric distortions inherent in digital aerial imagery, and turns it into a true map product. The process also involves mosaicking, and a variety of radiometric corrections, which turn the numerous individual photo images into one seamless database, with uniform, pleasing, realistic color characteristics.

Orthorectification corrects for inherent geometric distortions in the image that are caused by terrain variance, earth curvature, and camera orientation in relation to the ground.

The purpose of this document is to give reviewers examples of items that we do not expect you to see but if you do, please add a feedback/issue point or examples of items you may see that are **not** an issue and a feedback/issue point should **not** be added.

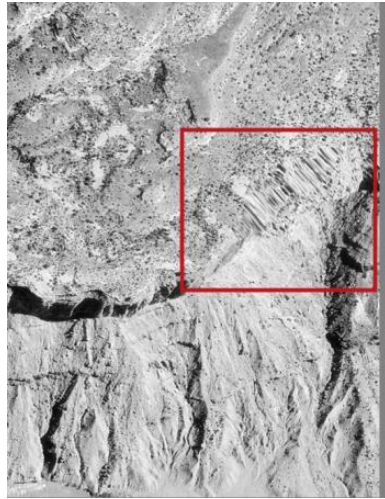
1. Examples of items that if you find them, please add a feedback point.
 - a. Accuracy requirement: Imagery will meet or exceed 2-pixel RMSE.
 - b. Edge matching: Mis-aligned linear features on the ground, such as roads and railroad tracks



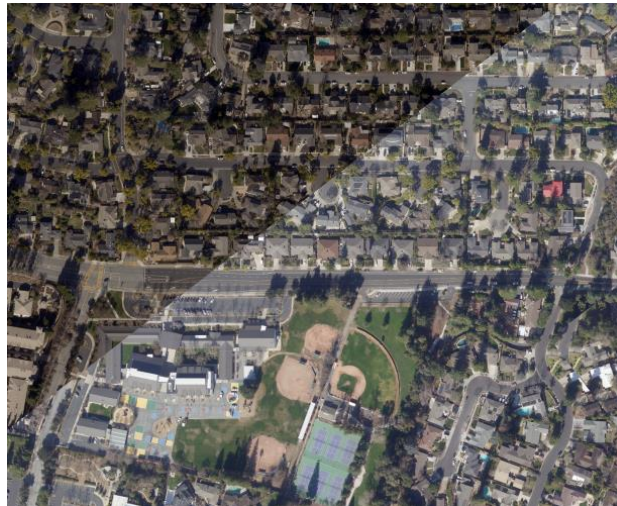
- c. Warped bridges



d. Smearred Terrain



e. Inconsistent radiometry: Stark color difference



2. Examples of items that you may encounter during your review but are not an issue and a feedback point should **not** be added.
 - a. Orthoimagery may not align with satellite basemap due to different requirements



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- b. Above ground features such as power lines may be warped, mis-aligned and/or offset; this is expected. Orthoimagery rectifies to the ground, not above ground features.





SOLANO COUNTY REGIS MEETING

Meeting Minutes – July 20, 2022

Kathrina called to order the regular meeting at 9:05 am on July 20, 2022 via MS Teams.

I. Introductions

The following persons were present: Nellie Dimalanta, Bao Nguyen, Alex Lacson, Kathrina Gregana, Travis Kroger, Curt Corbett, Jordan Santos, Sean Justice, Jeff Bethamy, Jasmin Acuna, Savita Chaudhary, Mathew Hardy, Danny Fortson, Buffy Conrad, Stew Bruce,

II. Approval of Meeting Minutes and New Business

- A. June Meeting Minutes – No comments nor questions, moved to approve.
- B. Jasmin asked about the [ZoneHaven](#) kickoff project. Per Stew, city limit polygons are still being reviewed and edited by the cities. Map interface looks ok, can slice zones on the fly for smaller sections. Geocomm is developing zones for ESN (Emergency Service Network) and will be sent out to various cities for review. ZoneHaven has nothing to do with dispatch, will only be used for evacuation routes, which can be an added layer in RIMs.

III. Discussion:

A. ESRI Conference

- 1. Jasmin – attended in person, received several notifications of possible exposure to Covid using an app. Mostly benefited from the special interest groups; i.e. federal gov't NextGen 911, z-data capabilities, RIMs to show elevation. ArcMap is no longer being supported, named users for ArcPro. [User Conference Videos](#) will be made available within the month. [Story Maps.com](#) - ESRI made available to the public with subscriptions, premium version can sign up before July 1, 2022.
- 2. Buffy – mostly interested in story maps, and parcel fabric sessions. Map Wizardry, highly recommended. For reference see [MapWizardry.pdf](#)
- 3. Nellie – focus was on Survey 123, dashboards, sites and integrating SharePoint/MS applications with GIS. Contracts with the County to conduct regulatory inspections, they could use S123 to markup attached media and stream capture areas such as spills.

B. County EOS – to be tabled for September meeting by Daniel.

- 1. Curt – Vacaville is building a similar EOS app to the County with evacuation boundaries, response zones, etc. An event exercise is scheduled in October this year, in hopes that city managers, fire/police chiefs, will agree on defining jurisdictional boundaries. App to have public facing and internal layers with various permission levels to edit/add/view data. The best scenario is to have a single comprehensive multi-jurisdictional EOC application, which Solano County is working on.

Solano County ReGIS Meeting Minutes – July 20, 2022

2. Stew – a five county flood exercise is scheduled for August 24. See [Grand Jury of Solano County Reports](#) for more information about emergency response, one was generated for the LMU wildfire.
3. Savita – presented all grand jury reports to council.
- C. Lidar – to be tabled for September by Daniel. Workgroup meetings will reconvene in September. **Curt volunteers for the workgroup.** 🙌
- D. GIS Training – Stew plans to have an Introduction to ArcGIS Pro, online format. More info on upcoming September-November meetings. **Curt and Sean volunteer for the workgroup.** 🙌
- E. GIS Day event day/week(?), in person (or hybrid) at the County courthouse. Presentations on how to access the portal, imagery, with vendors and booths, map gallery.
- F. Broadband update – more info for September by Daniel
 1. Stew – hired a Boston consulting group developed a report and currently under review, board of supervisors August 23 presentation. Applying for half mil for physical infrastructure, adding staff for improving data, such as building locations, etc. Local cities working on broadband in their own jurisdictions. County needs funding to cover plans. Applied for funding with [Digital Trailblazers](#), waiting for results. Received comments on the website from Savita, waiting for feedback from the board. Extend high speed and other utilities to Elmira.
 2. Savita – broadband storymap by Jasmin, will be posted on webpage. Discussions about infrastructure - underground/overground facilities engineering assessments, and inclusion/equity, wherein the latter had more interest from the board. Funding towards working with libraries, local cities on collaboration efforts with nonprofits for Chromebook kits. Reaching out to AT&T and Comcast.
 3. Curt – gap analysis in broadband, working with consultant and presenting to council.
- G. Data Architecture – September meeting. Platform access in Sep meeting. The aerial pilot section was sent to Fairfield and Vacaville for comments. Vallejo and Solano County are actively looking for GIS positions to fill. Vallejo lost 4 staff.
- H. BCS – operational, August, training multijurisdictional editing.
- I. New project - Water resources, water well and intake data; will reach out to various jurisdictions.

IV. Action Items

- A. ReGIS members – volunteer for Lidar workgroup, GIS training workgroup and/or comment on Broadband project.

V. Adjournment

Meeting was adjourned by Kathrina at 9:55am. Next meeting will be Wednesday 9:00am September 21, 2022.