

SOLANO COUNTY REGIS MEETING

Meeting Minutes – January 19, 2022



Stew called to order the regular meeting at 9:05 am on January 19, 2022 via MS Teams.

I. Introductions

The following persons were present: Stewart Bruce, Danny Fortson, Brent Rosenwald, Travis Kroger, Kathrina Gregana, Lexi Valenti, Donald Hildebrandt, Jasmin Acuna, Bao Nguyen, Daniel Machado, Jorge Giocochea, Jeffrey Bertany, Mariah Henderson, Chris Ambrose, Dan Mathies, Curt Corbett.

II. Approval of Meeting Minutes and New Business

- A. November Meeting Minutes: No additional comments were brought up and approved by Stew.
- B. Curt – Vacaville receiving applications for a GIS-IT technician, hoping to have someone by March. New year comes new ideas and city staff data requests... would like to know more about parcel data updates.

III. Discussion:

- A. Solano County Governance survey results:
 - 1. Stew – Top 2 ReGIS priorities are Data Quality and Data Architecture/Customer Service.
 - 2. Top County priorities – Parcels, streets, address points, boundaries. Next month will cover more governance pertaining to zoning and general planning layers. Data stewardship – work with city partners to tighten parcels and streets, discuss governance.
- B. [Solano ReGIS Website](#) – Daniel. ProudCity vendor for website. Framework built with accessibility in mind and previous ReGIS environment.
 - 1. [Fiverr.com](#) was hired to design at least 5 logos to choose from (County is still open to suggestions) but after Daniel conducted an on-the-spot poll, most popular
=====➔
 - 2. Consolidating website to a single index environment servicing ReGIS members, County staff, and the public. No separate County GIS website.
 - 3. ReGIS Partner Directory will have links to agency GIS site or main website and main contact info, please forward URLs.
- C. Aerial imagery – Stew. 14 sets of hard drives of all Sanborn data deliverables will be sent to ReGIS partners within 4-6 weeks. Web Mercator technical error in aerial imagery, ESRI software issue not Sanborn. Issue will be resolved, will forward documentation later. Multi-



agency agreement will be forwarded soon as well. COST SHARING IS THE SAME DOLLAR AMOUNTS FROM PREVIOUS YEARS.

- D. NextGen 911 – County working with Geocomm, updating street CL, address point layer, and will be accessible to ReGIS partners via the portal. Monthly updates to street data. Will move forward with the BCS tool, approx. 5 months to go online and made accessible via portal.
- E. Adding users to SC GIS portal, each ReGIS partner will have access to Azure portal with their own login credentials.
- F. Lightning Talk – no one scheduled but Donald mentioned he is working with STA and Solano Land Trust on a project called [Top 10 Walk and Bike Trails in Solano County](#) in collaboration with OuterSpatial, an app similar to AllTrails. Park Depts are data stewards of their jurisdictions. Information will be on brochures and online, data consists of recreational amenities and trails. Per STA, soft launch to be expected within the next couple of months, may commit to a lightning talk then.

City of Fairfield Parks & Rec is a contributing member of OuterSpatial. Fairfield GIS would like to shine alongside other agency contributors to the project but is encountering hurdles obtaining necessary data despite upper management approvals. One suggestion from the group is to have a timeline of when data is needed, STA is working on a soft launch date which may help with this effort. Another approach is to develop an internal marketing strategy, perhaps show staff how their data contributions can attract more users to local park facilities, not necessarily just asset management but operational GIS functions.

Solano Irrigation District – Bao, working on updating their GIS data, Stew recommended that they do a lightning talk of their GIS to date.

- G. Accepting nominations for the ReGIS chair position, email Stew! Would like fresh eyes to help steer the consortium, position isn't limited to primarily GIS folks but those who are more in a managerial/leadership role.

IV. Action Items

- A. Nellie – attach slide deck to minutes and Sanborn Project Status Report.
- B. ReGIS members – send your agency logos and URL to GIS webpages for the website.
- C. Lightning Talk – Bao Nguyen SID updates?
- D. Email Stew for nominations (non-County preferably).

V. Adjournment

Meeting was adjourned by Stew at 10:00am. Next meeting will be February 16, 2022.

My definition is that geo-enlightenment is
understanding the interconnectedness of things.

Jack Dangermond



Solano Aerial Imagery 2021 Project

Status Report

Prepared by: Bridget Marcotte, Sanborn Map Company, 719-244-2311

Report Date – January 7, 2022

Provided to: Solano 2021 Project Team

Current Status

• Orthoimagery Status

- We released the orthoimagery via Sanborn Image QC™ for client review on July 23, 2021.
 - Client completed review August 27, 2021. Sanborn made corrections and released via Sanborn Image QC™ for review on September 13, 2021. Sanborn has received some feedback accepting corrections and notice to move forward with product production on October 25, 2021.
 - Sanborn provided examples of final formats and compression ratio for client review and confirmation on October 29, 2021; received client feedback January 6, 2022.
 - Orthoimagery tiles in GeoTiff format and project-wide mosaic will be delivered in State Plane and Web Mercator formats. All other data/products will be delivered (planimetrics, obliques, DEMS) will be in SP projection only. Per email on Oct. 29, 2021 and revised January 5, 2022

• Oblique Imagery Status

- We completed the aerial triangulation (AT) and processing the oblique imagery.
- Delivered oblique imagery via Sanborn Oblique Analyst® on June 28, 2021
 - Conduct meeting on July 1 to review Sanborn Oblique Analyst® application tools and function.
 - Separate instance for Travis AFB has been setup.
 - Sanborn will add vector layers (parcels, streets, city bndry and county bndry) when received
 - Sanborn will setup separate instance with credentials once the vector data is received.

• Planimetric Status

- Delivered pilot tiles via Sanborn FTP on June 16, 2021; conducted meeting on July 9, 2021; client confirmed parking lot guidance on August 17, 2021. We updated the pilot tiles based on the guidance and redelivered with building data on Sept. 10, 2021. Client approved revised pilot data on Sept. 28, 2021. Delivered the full AOI on October 19, 2021 and redelivered November 3, 2021 with buildings outside the boundary included. Pilot area was

excluded from the full AOI. It has been added in and data uploaded to FTP January 5, 2022.
Waiting on client feedback or approval.

- Data will be delivered with building updates
- Only existing buildings within the project AOI will be updated. Buildings outside of the County boundary but within the project AOI will not be added as it is outside of the SOW.
- Existing lidar is not in the format needed to extract the building heights. Sanborn investigated alternative solutions using imagery created DSM.

Deliverables and Schedule:

Task	Description	Delivery Method	Expected Completion Date	Actual Completion Date
Contract Executed			4/20/2021	4/22/2021
Imagery acquisition completion			4/30/2021	4/19/2021
QuickView for 3inch orthos	Sanborn Image QC™	Online	5/10/2021	4/20/2021
3-inch Orthoimagery				
Deliver pilot tiles	4 pilot tiles in GeoTIFF format	FTP	7/1/2021	6/16/21; 7/19/21
Client review of pilot tiles			7/7/2021; 7/9/2021	
Deliver 3inch orthos via Sanborn Image QC™	Cached GeoTiffs	Online	7/28/2021	7/23/21; corrections 9/13/21
Client review via Sanborn Image QC™ Completed		Online	8/11/2021	8/27/21
Deliver final 3inch orthos on hard drive	Tiled orthos (GeoTiff), project-wide mosaic (ECW 6:1 compression), metadata (XML), AT Report (PDF), Survey report (PDF), Ortho DEM (GeoTiff)	Hard drive	8/18/2021	
Final orthos WMTS	Sanborn hosted WMTS (1yr)	Online	8/18/2021, 11/5/21	
3-inch Oblique Imagery				
Deliver oblique imagery via Sanborn Oblique Analyst®	Sanborn hosting of oblique imagery via Sanborn Oblique Analyst® (1yr)	Online	8/18/2021	6/28/21
Client review		Online	9/1/2021	
Deliver oblique imagery on hard drive	JP2 10:1 compression	Hard drive		
Planimetrics: Edge of pavement, Parking Lots and buildings				

Task	Description	Delivery Method	Expected Completion Date	Actual Completion Date
Deliver pilot tiles	4 pilot tiles in GDB format	FTP	7/1/2021; revised 9/17/21	6/16/21; revised 9/10/21
Client review of pilot tiles			7/7/2021; 7/9/2021	8/17/21; 9/28/21
Deliver full AOI	Deliver full AOI of planimetrics in GDB format	FTP	10/19/21	10/19/21, 11/3/21
Client review completed				
Deliver final on hard drive	Deliver full AOI of planimetrics in GDB format	Hard drive		

Technical Issues

- Client has concerns with the alignment of planimetric and WMTS data in ESRI software. Initial investigation showed transformation set in ArcPro verse ArcMap. Client reprojected planimetric data to Web Mercator to match WMTS and a data shift is showing in ESRI when no transformation is applied or should be needed. Sanborn continues to investigate and may need to reach out to ESRI support to understand how software applies transformations/projections. Sanborn provided a few orthoimagery tiles in GeoTiff format and State Plane projection for client to review/compare via FTP on Nov. 17, 2021. Sanborn provided a sample of the planimetrics in web Mercator format via FTP on Dec. 16, 2021.

Action Items:

Sanborn

Action Item	Date opened	Date closed	Comments
Provide sample of oblique image in OIC	8/2/21		
Investigate plan/WMTS ESRI alignment	10/29/21		

Solano 2021 Team

Action Item	Date opened	Date closed	Comments

Completed Action Items:**Sanborn**

Action Item	Date opened	Date closed	Comments

Solano 2021 Team

Action Item	Date opened	Date closed	Comments
Determine format of oblique imagery (GeoTiff or JPEG with compression ratio)	10/29/21	1/6/22	Sanborn provided requested samples 10/29/21: JP2 10:1 compression
Determine ECW compression for orthoimagery mosaic	10/29/21	1/6/22	Sanborn provided requested samples 10/29/21; ECW 6:1 compression

Solano County Regional GIS Consortium

Governance Survey Results

10/20/2021



GIS Processes to identify governance priorities

GOVERNANCE

Strategy

Vision

Strategic
Plan

Stakeholder
Management

Organizational
Structure

Innovation

Platform

Technology
Architecture

Solution
Portfolio

Access

Performance

Data

Data
Architecture

Data
Usage

Data
Stewardship

Data Quality

Workforce

Training and
Development

Talent
Management

Partnerships

Delivery

Service
Management

Communications

Change

Outreach

Investment

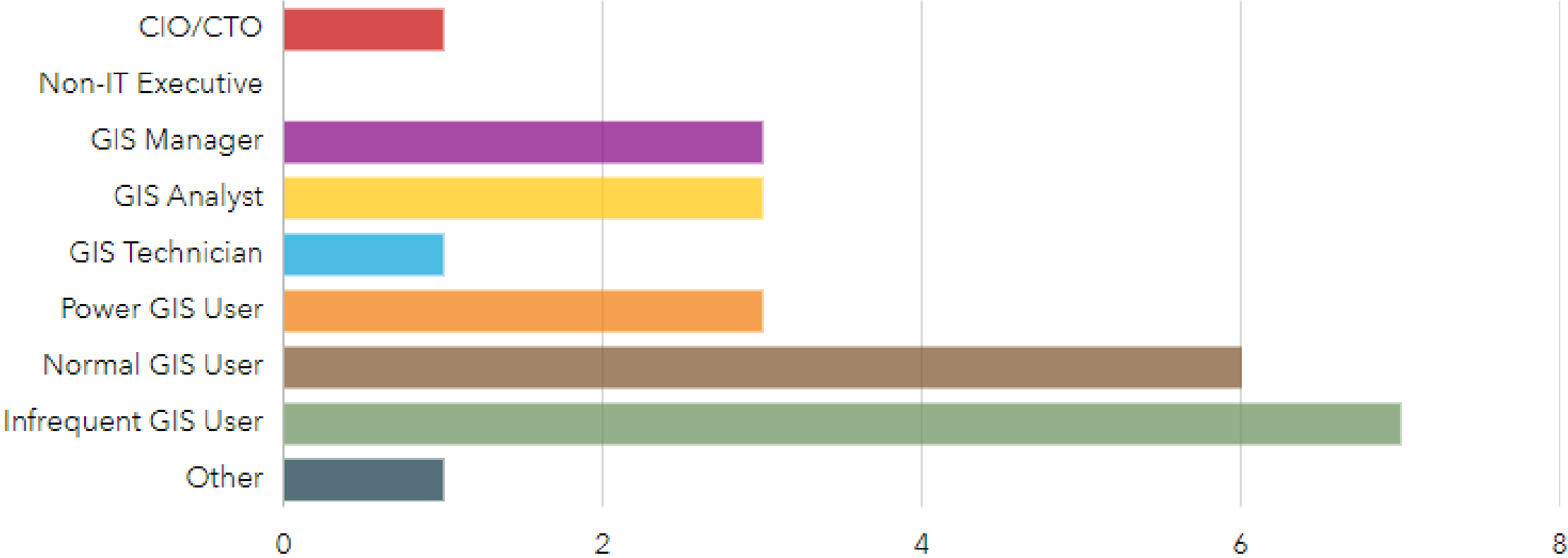
Budget

Prioritization

Procurement

Please identify your position in your organization

Column Bar



[Show table](#)

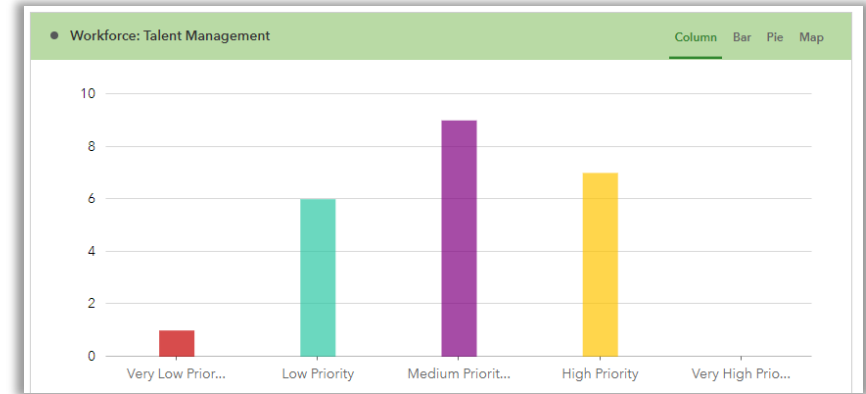
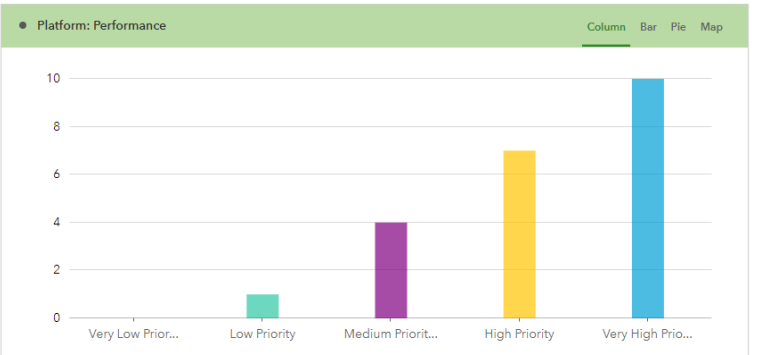
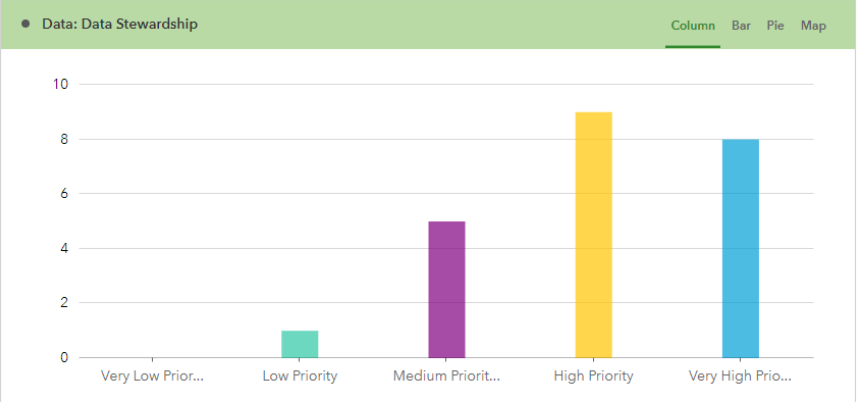
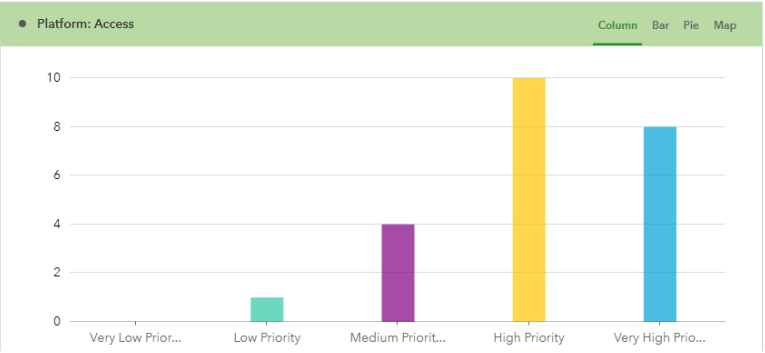
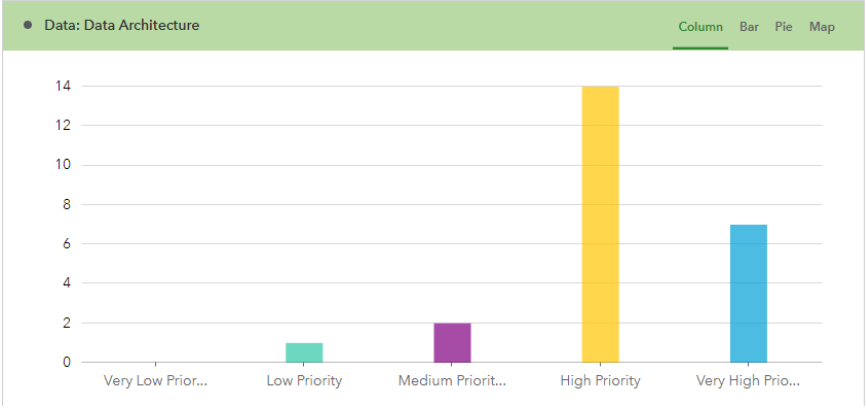
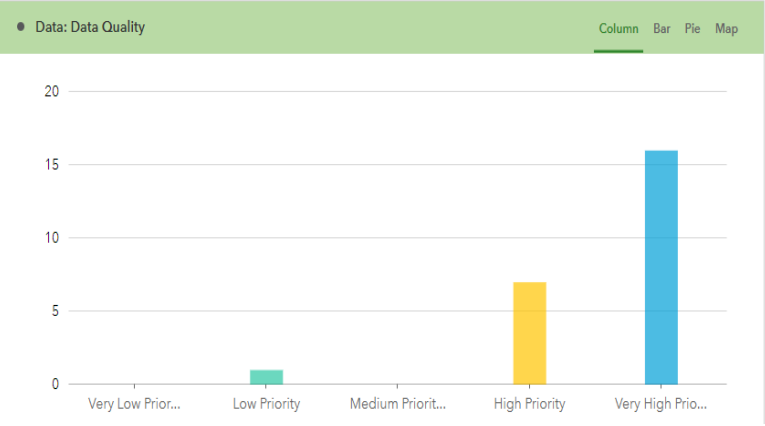
☒ Empty categories [↑↓ Sort](#)

Answered: 24 Skipped: 0

Analysis

Response	Weighted Score
Very High Priority	10
High Priority	8
Medium Priority	6
Low Priority	4
Very Low Priority	2
No Response	0

Rank	Governance Area	Total Weighted Score
1	Data: Data Quality	220
2	Data: Data Architecture	198
3	Platform: Access	188
4	Data: Data Stewardship	186
4	Platform: Performance	186
6	Strategy: Strategic Plan	184
7	Data: Data Usage	182
8	Delivery: Communications	180
9	Workforce: Training & Development	178
10	Strategy: Vision	174
11	Strategy: Stakeholder Management	168
12	Platform: Technology Architecture	166
12	Workforce: Partnerships	166
12	Investment: Prioritization	166
13	Strategy: Organizational Structure	162
13	Investment: Budget	162
14	Strategy: Innovation	160
15	Investment: Procurement	156
16	Delivery: Service Management	154
16	Delivery: Change	154
17	Delivery: Outreach	152
18	Platform: Solution Portfolio	148
19	Workforce: Talent Management	136



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16	Delivery: Change	154
17	Delivery: Outreach	152
18	Platform: Solution Portfolio	148
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<ul style="list-style-type: none"> • Responsible <ul style="list-style-type: none"> • Who is/will be doing this task? • Who is assigned to work on this task?
<ul style="list-style-type: none"> • Accountable <ul style="list-style-type: none"> • Who's head will roll if this goes wrong? • Who has the authority to take decision?
<ul style="list-style-type: none"> • Consulted <ul style="list-style-type: none"> • Anyone who can tell me more about this task? • Any stakeholders already identified?
<ul style="list-style-type: none"> • Informed <ul style="list-style-type: none"> • Anyone whose work depends on this task? • Who has to be kept updated about the progress?



Each governed process is detailed and defined

- **Objective:** A description of the intent and goal of the governance policy
- **Controls:** The policies, documents, and artifacts to be produced
- **Decision-rights:**
- **Decisions:** What decisions are required?
- **Inputs:** What resources are needed?
- **Activities:** Key tasks or actions required
- **Measures:** Performance metrics