

SOLANO COUNTY REGIS

Meeting Agenda

Location: Virtual Zoom Meeting

Join Zoom Meeting on your computer or mobile app

<https://cityofvallejo.zoom.us/j/9767090404?pwd=bCt2RjA3NFVaMVdYeTJEb0xTUWI5dz09>

Meeting ID: 976 709 0404

Passcode: 1234

One tap mobile

+14086380968,,9767090404#,,,,*1234# US (San Jose)

+16699006833,,9767090404#,,,,*1234# US (San Jose)

Meeting ID: 976 709 0404

Passcode: 1234

Find your local number:

<https://cityofvallejo.zoom.us/u/aeqxUeDH2j>

Date: June 16, 2021

Time: 9:00am ~ 10:00am PST

1. Introductions (5 mins)
2. Approval of May 19 meeting minutes and New Business (10 mins)
 - a. Open floor
 - b. Solano County – Stew (ReGIS Website update, Wildfire preparation, Parcels)
3. Workgroup updates (15 mins)
 - a. Imagery – Stew, Shital, Curt, Jasmin (attached Sanborn Imagery Plan and Project Status)
 - b. NG9-1-1 Workgroup Updates – Stew, Shital, Curt, Jasmin, Stew, Rowland, Sandy, Michael
4. Executive Team Updates – Shital, Stew, Nellie (25 mins)
 - a. Schedule for in-person meetings – decision to meet quarterly, biennially, or annually.
 - b. ReGIS survey
 - c. Plans to invite other GIS professionals, public or private sectors, to present projects related to topics of interest.
 - d. Lightning round - members to talk about their GIS projects
5. Next meeting and Action Items (5 mins)

Members:

Rebecca Brooks	Benicia	Stewart Bruce	Solano
Jordan Santos	Dixon	Brent Rosenwald	STA
Jasmin Acuna	Fairfield	Rowland Roberts	Suisun
Nellie Dimalanta	FSSD	Dan Mattheis	Travis AFB
Jeffrey Lum	LAFCO	Curt Corbett	Vacaville
Michelle McIntyre	LAFCO	Nathan Wallace	Vallejo
Robin Borre	Rio Vista	Alex Lacson	Vallejo
Chris Lee	SCWA	Rosaly Zambrana	Vallejo
Justin Pascual	SCWA	Shital Dhakal	Vallejo
Bao Nguyen	SID	Mariah Henderson	Vallejo Wastewater
Michael Deprato	Solano Dispatch		



Solano Aerial Imagery 2021 Project	
Status Report	Prepared by: Bridget Marcotte, Sanborn Map Company, 719-244-2311
Report Date – June 3, 2021	Provided to: Solano 2021 Project Team

Current Status

- **Orthoimagery Status**
 - We are working on the ortho production.
- **Oblique Imagery Status**
 - We completed the aerial triangulation (AT) and processing the oblique imagery.
- **Planimetric Status**
 - We are working on the pilot area.

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	
Client review of pilot tiles			7/7/2021	
Deliver 3inch orthos via Sanborn Image QC™	Cached GeoTiffs	Online	7/28/2021	
Client review via Sanborn Image QC™ Completed		Online	8/11/2021	
Deliver final 3inch orthos on hard drive	Tiled orthos (GeoTiff), project-wide mosaic (TBD), 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	
3-inch Oblique Imagery				

Task	Description	Delivery Method	Expected Completion Date	Actual Completion Date
Deliver oblique imagery via Sanborn Oblique Analyst®	Sanborn hosting of oblique imagery via Sanborn Oblique Analyst® (1yr)	Online	8/18/2021	
Client review		Online	9/1/2021	
Deliver oblique imagery on hard drive	Format in GeoTiff or JPEG: to be determined	Hard drive		
Planimetrics: Edge of pavement and Parking Lots				
Deliver pilot tiles	4 pilot tiles in GDB format	FTP	7/1/2021	
Client review of pilot tiles			7/7/2021	
Deliver full AOI	Deliver full AOI of planimetrics in GDB format	FTP	7/28/2021	
Client review completed			8/11/2021	
Deliver final on hard drive	Deliver full AOI of planimetrics in GDB format	Hard drive	8/18/2021	

Action Items:

Sanborn

Action Item	Date opened	Date closed	Comments

Solano 2021 Team

Action Item	Date opened	Date closed	Comments
Determine format of project-wide mosaic			
Determine format of oblique imagery (GeoTiff or JPEG)			

Completed Action Items:

Sanborn

Action Item	Date opened	Date closed	Comments

Solano 2021 Team

Action Item	Date opened	Date closed	Comments

2022 – 2027 Aerial Imagery Plan

*Six
Year
Plan...*

Assumptions

- Hold cost to 240k per year so same cost to each partner as the previous seven years
- Urban captured every year (perhaps add sphere of influence?)
- Rural 1/3 of county captured each year
- All imagery acquired at 3 “ 4 bands.
- Obliques captured
- QL1 LIDAR for roughly 10 % of county/budget constraint (split amongst partners and justified by REGIS)
- Planimetric updated or new (with change detection);
 - Building outlines
 - Edge of pavement
 - Parking lots/runways/tarmacs

Goal

- Submit plan to select vendors for pricing
 - Sanborn
 - EagleView
 - Continental
 - Others?
- Vendors present proposals
- Working group selects best vendor (cost and technical)
- Adjust deliverables to hold the line on cost
- BOS approves multi-year contract, and all partners sign multi-year cost sharing agreement prior to BOS approval
- Place order by end of September 2021


Vendors must have SaaS solution for Obliques and ability to add oblique widgets to Apps

Must meet technical requirements for accuracy

All flights leaf-off flown in February/March each year

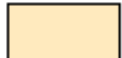



What's
the PLAN?

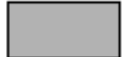
 County Boundary

Solano Aerial Index

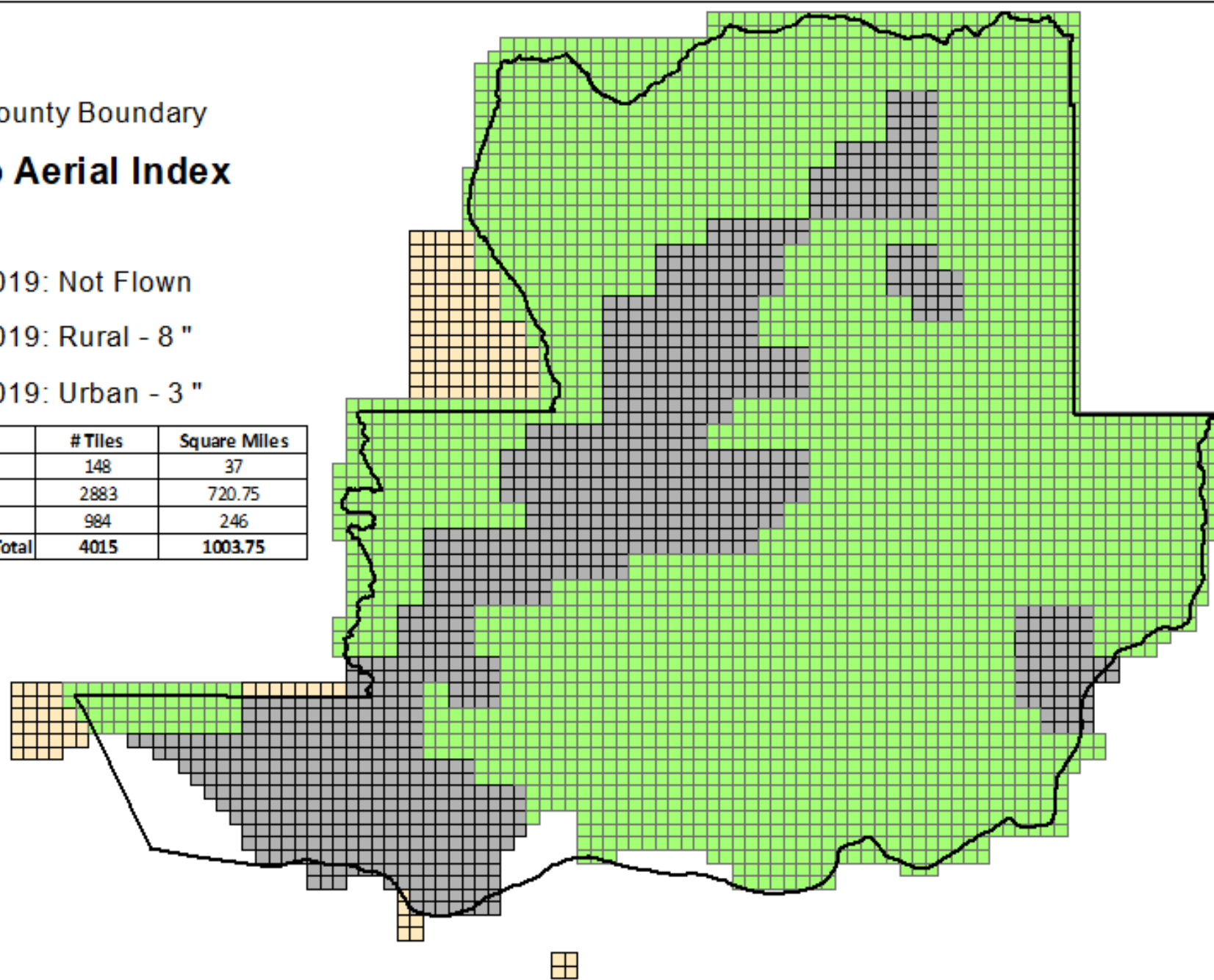
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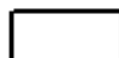
 2019: Not Flown

 2019: Rural - 8 "

 2019: Urban - 3 "

2019	# Tiles	Square Miles
Not Flown	148	37
Rural - 8 "	2883	720.75
Urban - 3 "	984	246
Total	4015	1003.75

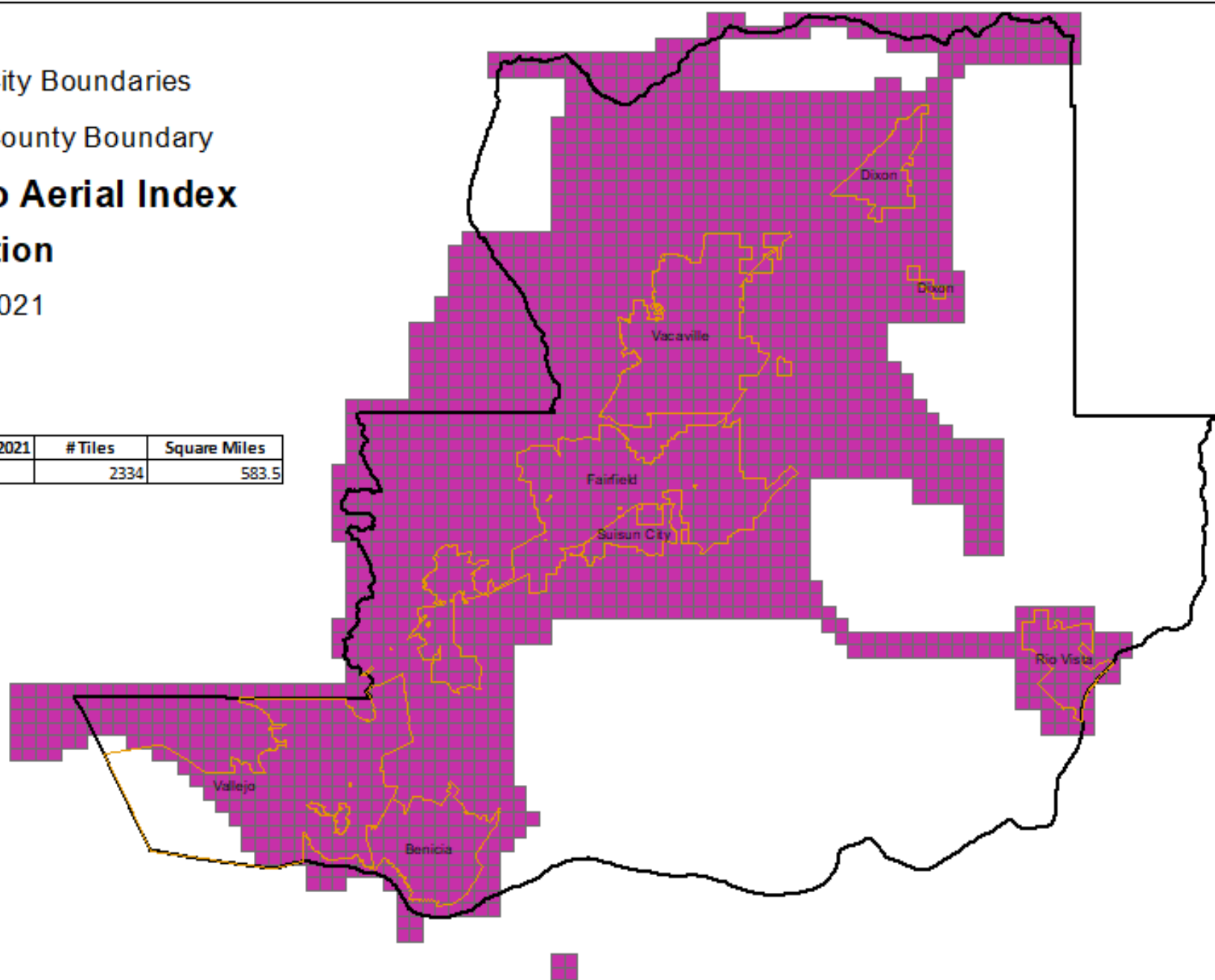



-  City Boundaries
-  County Boundary


**Solano Aerial Index
Collection**


 2021

	2021	# Tiles	Square Miles
3"		2334	583.5



 Rural Not Flown 2021

 City Boundaries

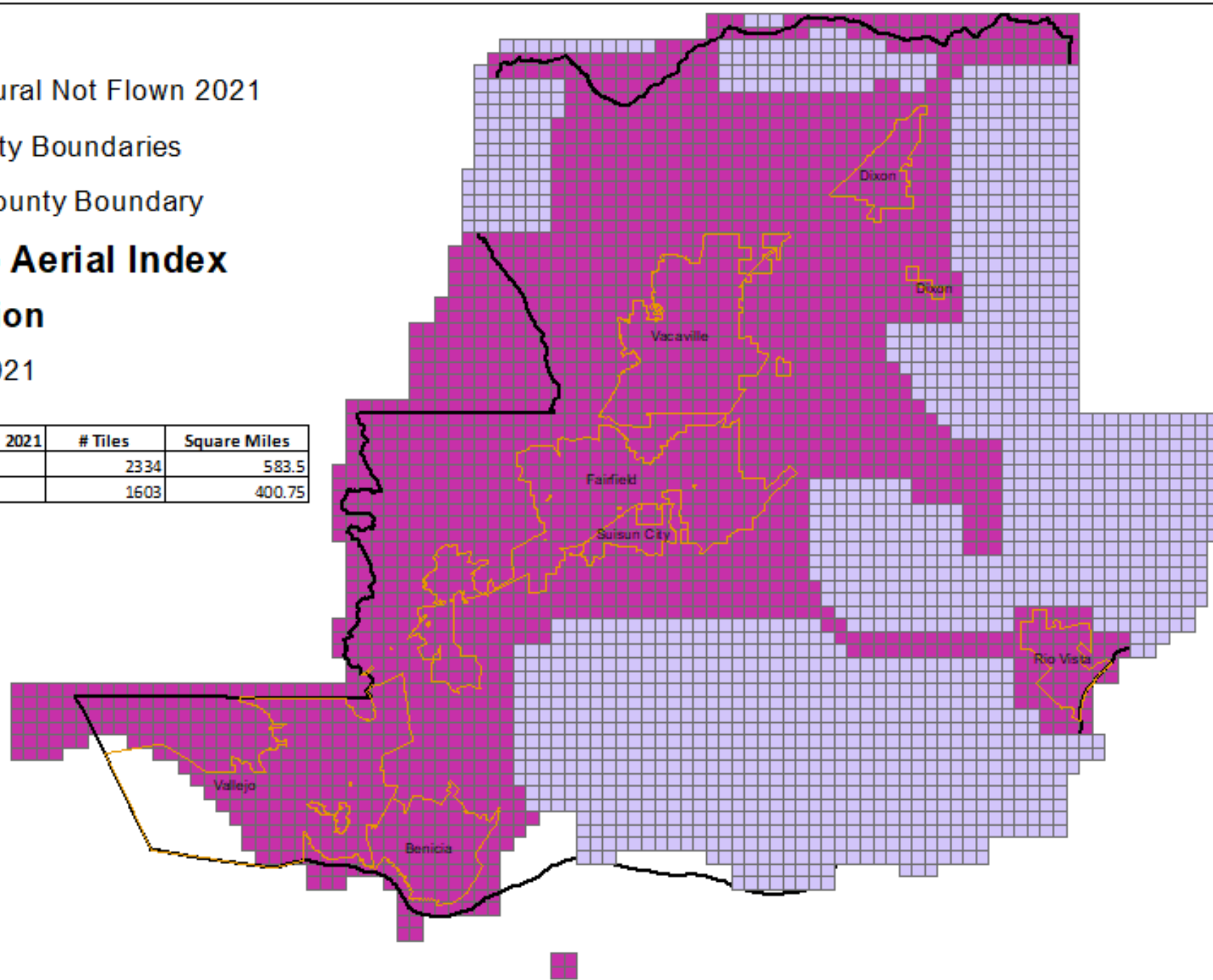
 County Boundary

Solano Aerial Index

Collection

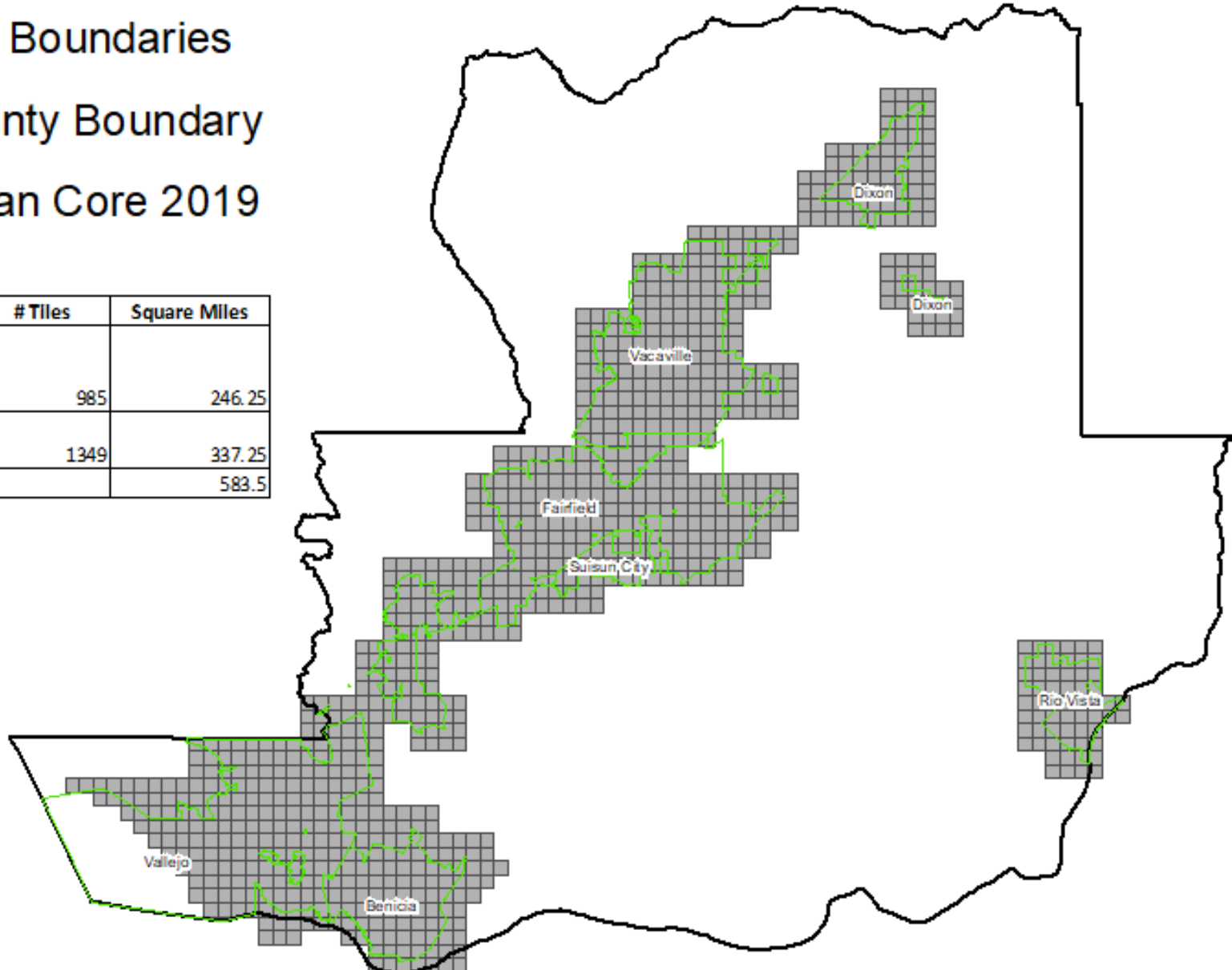
 2021

	2021	# Tiles	Square Miles
3 "		2334	583.5
Not Flown		1603	400.75



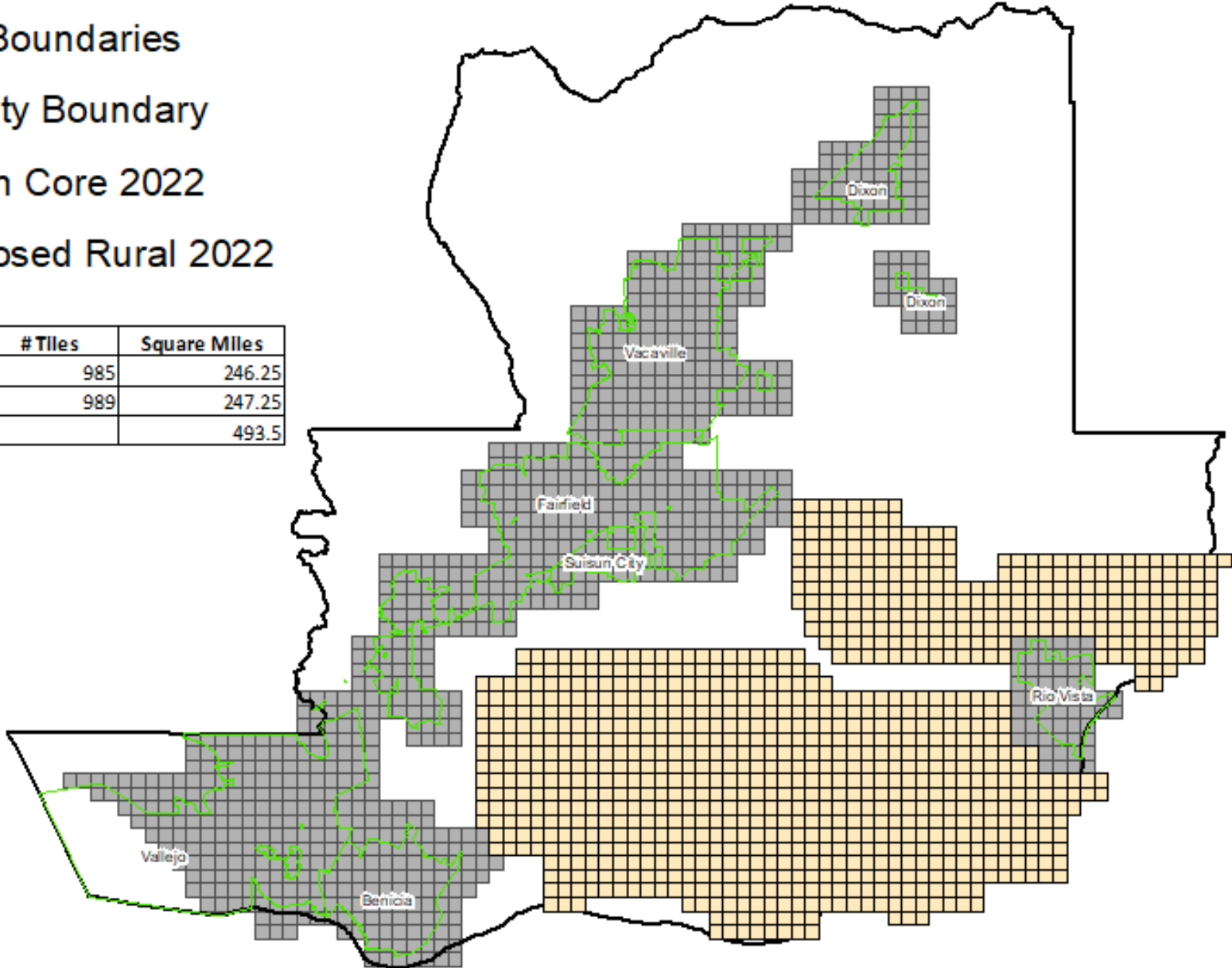
- City Boundaries
- County Boundary
- Urban Core 2019





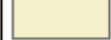
2019 Urban Core	# Tiles	Square Miles
to be flown every year for the next six years	985	246.25
Available to fly each year	1349	337.25
2021 flight		583.5



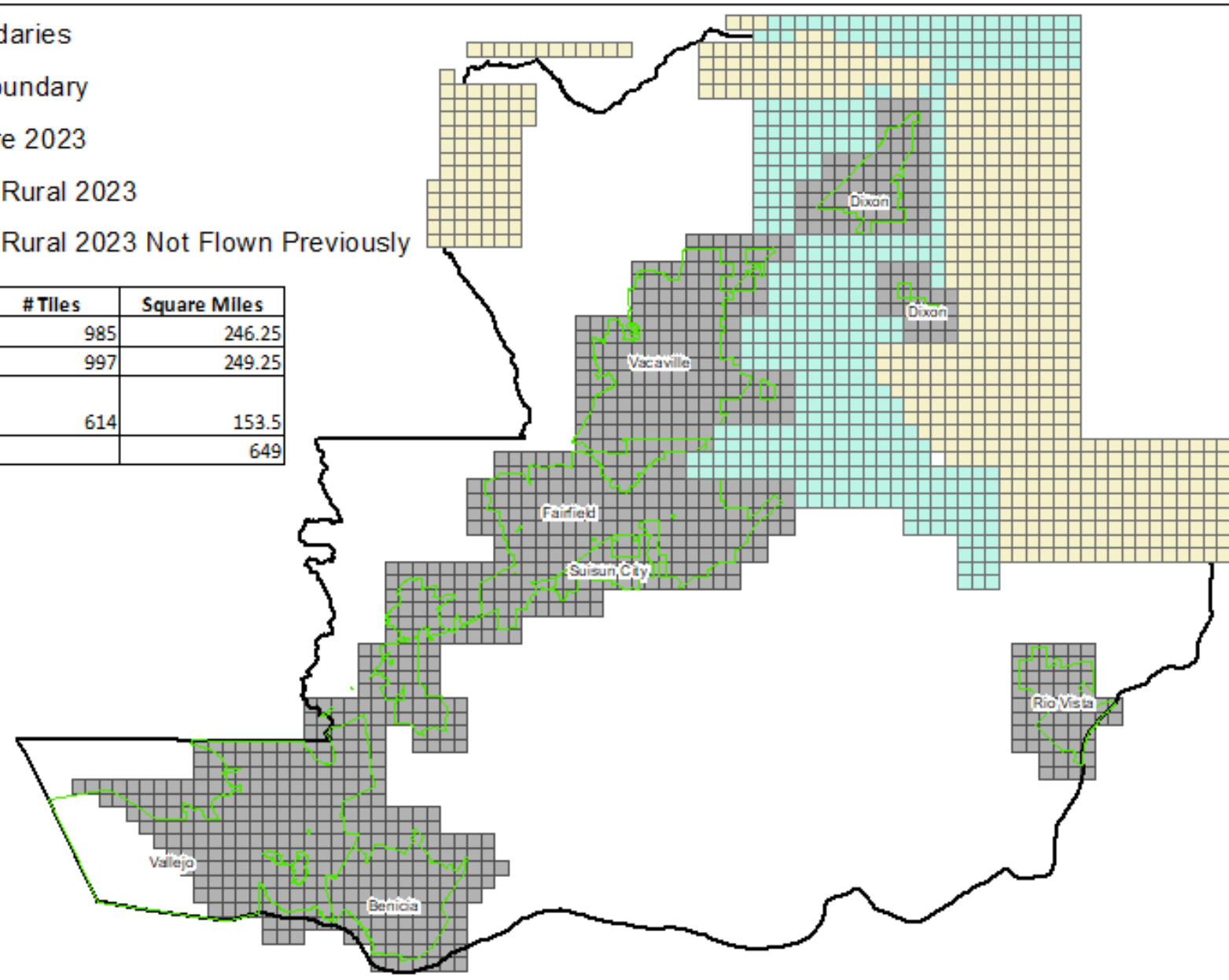
- City Boundaries
- County Boundary
- Urban Core 2022
- Proposed Rural 2022




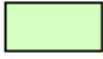

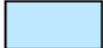
2022 Plan	# Tiles	Square Miles
Incorporated	985	246.25
Rural	989	247.25
		493.5



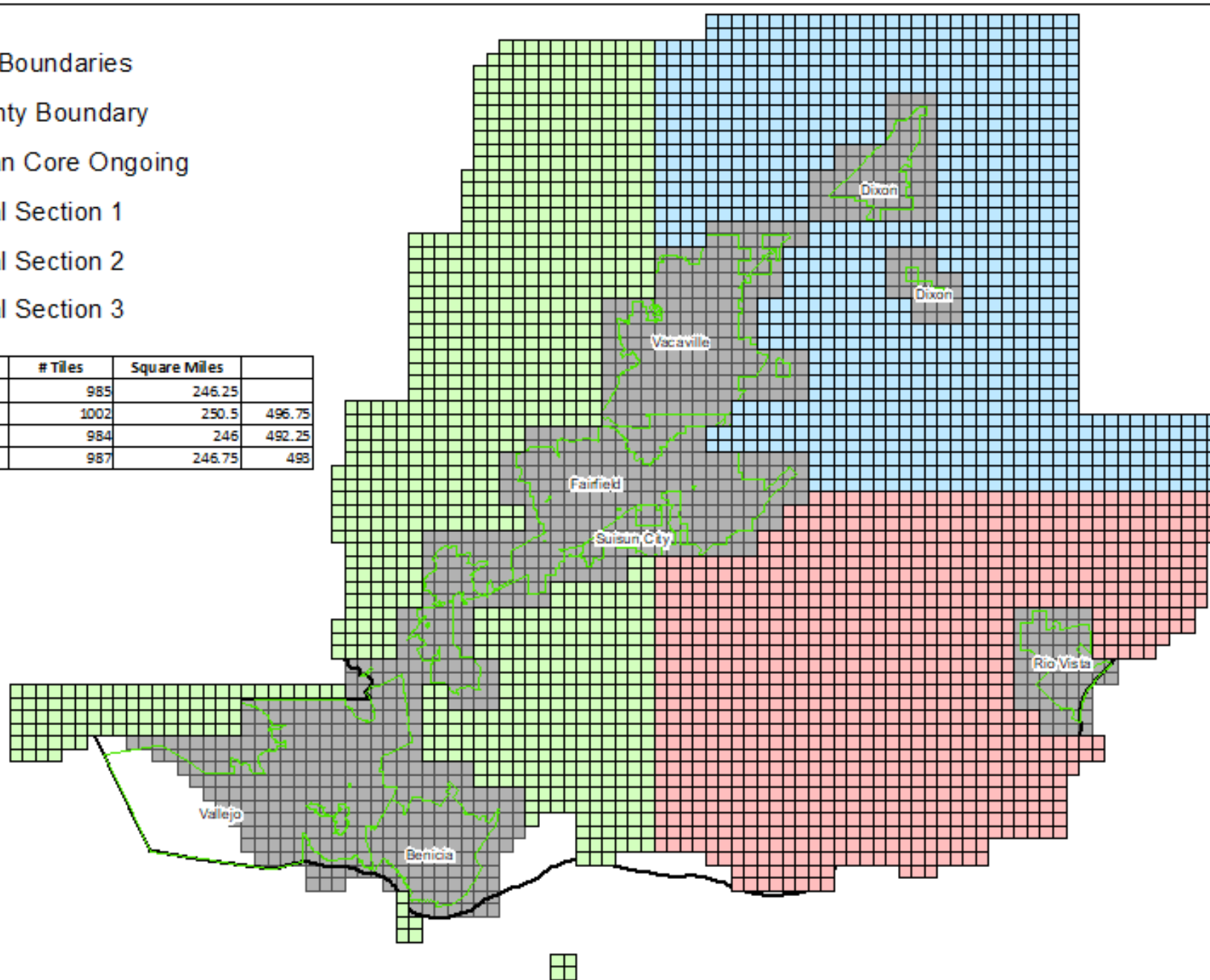
-  City Boundaries
-  County Boundary
-  Urban Core 2023
-  Proposed Rural 2023
-  Proposed Rural 2023 Not Flown Previously

2023 Plan	# Tiles	Square Miles
Incorporated	985	246.25
Rural 2023	997	249.25
Rural 2023 1st 3" capture	614	153.5
		649



-  City Boundaries
-  County Boundary
-  Urban Core Ongoing
-  Rural Section 1
-  Rural Section 2
-  Rural Section 3

2024/25/26/27 Plan	# Tiles	Square Miles	
Incorporated	985	246.25	
Section 1	1002	250.5	496.75
Section 2	984	246	492.25
Section 3	987	246.75	493



Questions