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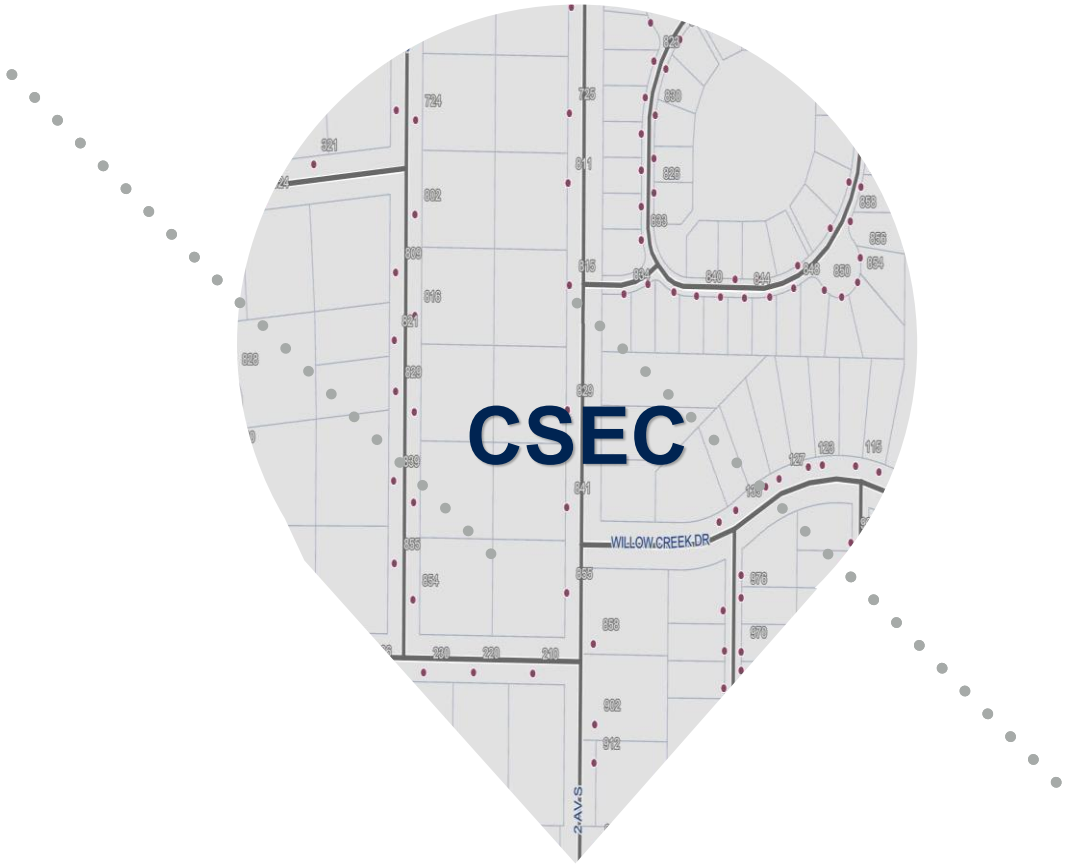
SEPTEMBER 10, 2025

CSEC Webinar

Agenda

1. GIS Data Hub 2
   a. GDH Updates
   b. MSAG QC Addition
2. Working with Intrado Errors
   a. Outside Provisioning Boundary
   b. Address Range Overlaps
   c. Artifacts
   d. Edge-matching Moving Forward
3. ALI Record Update Tips
4. Compliance Changes for FY 2026
5. Compliance Info
6. GIS Data Error Reports
7. Q&A



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GIS Data Hub 2

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Updates to GDH Platform

	QC Check Updated	Update Notes
July	Field Comparison	Updated to have clearer messaging about comparison being made as well as values that failed
	ALI to RCL - Rollups	Rollups will automatically merge idential fallouts with the same ALI address and inform you the number of matching ALI records. The summary report will still report total fallouts.
	ALI to RCL	Updated to have clearer messaging
September	Field Order Changeable	Ability to change field order in configuration from original build. Will be reviewing/testing and then likely updating exported data schema to match CSEC schema
	Download Uploaded Data	UI update to include location to download uploaded data. GDH will retain the last 4 uploaded datasets regardless of success or failures.
	SSAP to RCL - Updated Messaging	Extended information now provides "hints" to make it easier to know what to fix (i.e. Address: 9 RHEA MILLS CIR | Community: PROSPER | ESN: 121 | Corresponding RCL Unique ID: uniqueID@nct911.org | Ensure a road segment includes the correct address ranges and required attributes for this address point.)

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MSAG to RCL Sync Addition

- Added beginning of August
- Checks for ranges, street names, ESN & MSAG community exact matches from MSAG table to RCL layer
  - This includes gaps in ranges as well as the high and low range checks
- Can be used to self-audit your geoMSAG for either Intrado or Motorola RPCs

To have this check configured:

1. Obtain a copy of your MSAG from your provider
2. Include it with your normal upload to GDH
3. Email the csecteam@geocomm.com to configure the MSAG field mapping for QC

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02

Working with Intrado Reported Errors

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Working with Intrado Reported Errors

What kinds of errors can you receive?

- Outside Authoritative Boundary
  - EMS
  - Fire
  - Law
  - PSAP
  - SSAP
  - RCL
- Geometry Error
  - EMS
  - Fire
  - Law
  - PSAP
  - RCL
- Boundary Internal Gaps
  - EMS
  - Fire
  - Law
  - PSAP
- Address Range Overlaps
  - RCL

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Working with Intrado Reported Errors

Outside Provisioning Boundary

Site Structure Address Point: Make sure point is fully within your Provisioning Boundary

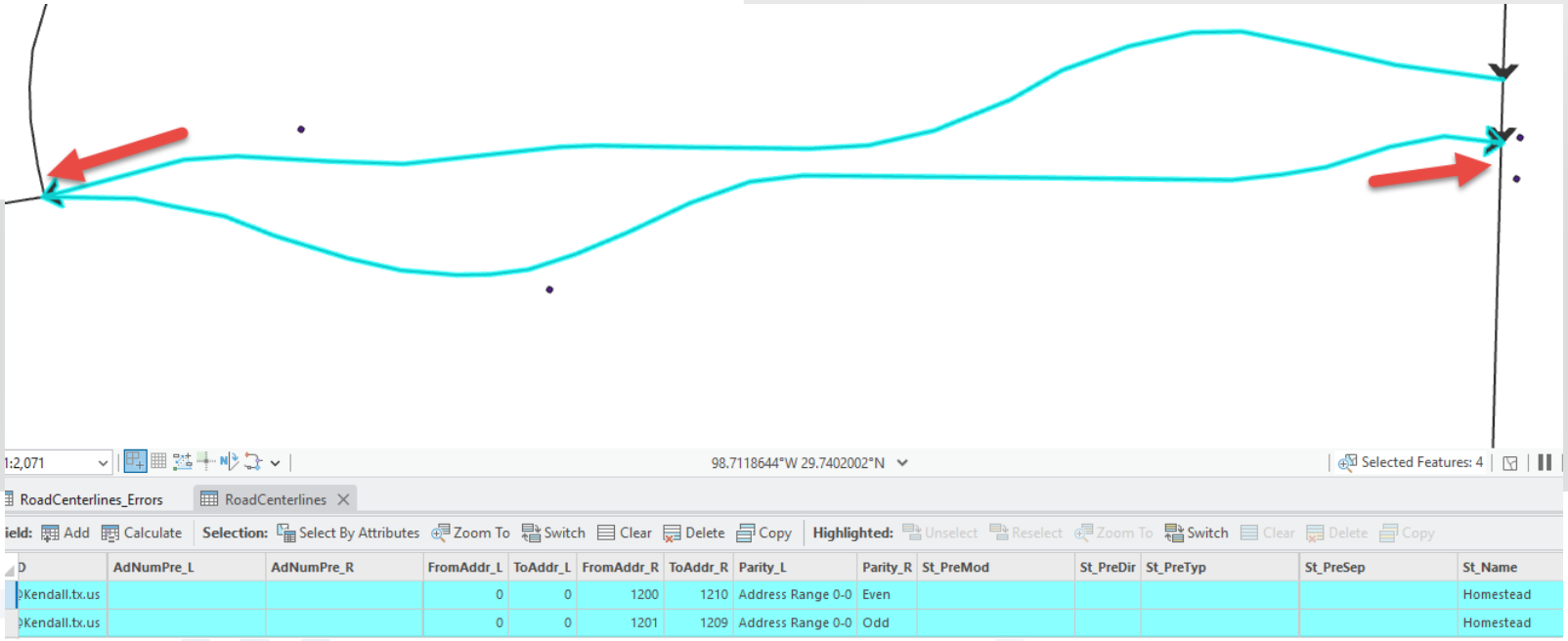
Road Centerlines: If you have received no OAB errors for any polygon layers, they likely are features that need the OAB exception code. Verify that there is a vertex on the Provisioning Boundary for your to snap to.

Fire, Law, EMS, & PSAP: Likely culprit is a moved Provisioning Boundary

Working with Intrado Reported Errors

Address Range Overlaps

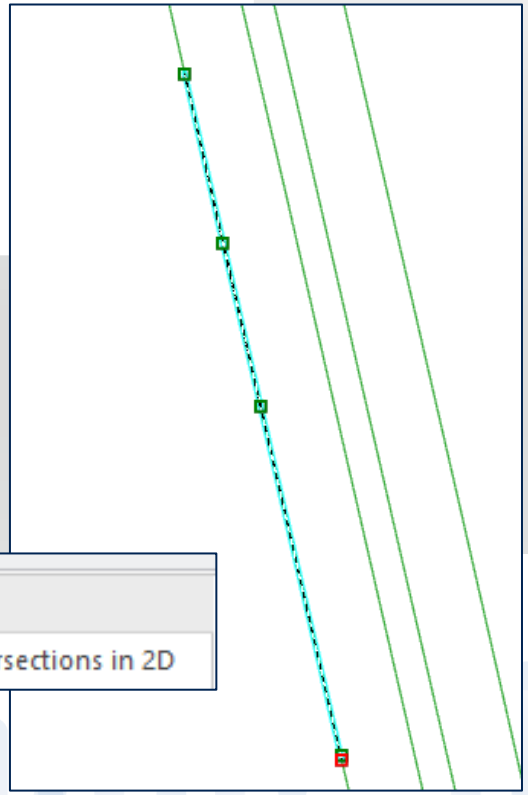
1. Often features that require the ARO code
2. Verify ranges are not actually overlapping
    1. You will often find the road direction for the features is opposite which can cause the false errors in EGDMS
3. Add code to your gcException field

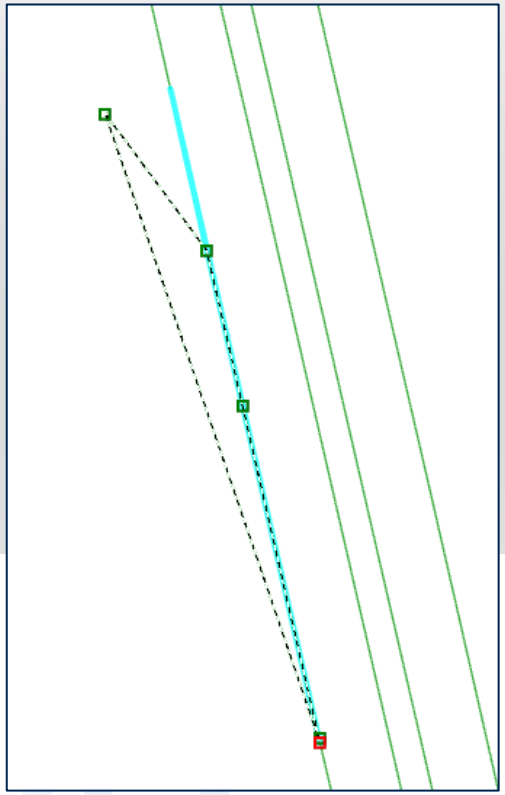


Working with Intrado Reported Errors

Geometry Error

Road Centerlines: Errors appear in their own shapefile named RoadCenterlines_Errors_NULL regardless of geometry issue. Check the last couple fields for details on specific issue. If the shapefile has no geometry, use the RCL UID to locate problem feature





ERRORTYPE	ERRORNAME	REASON
18	Geometry Error	Geometry repair altered geometry: Self-Intersections in 2D

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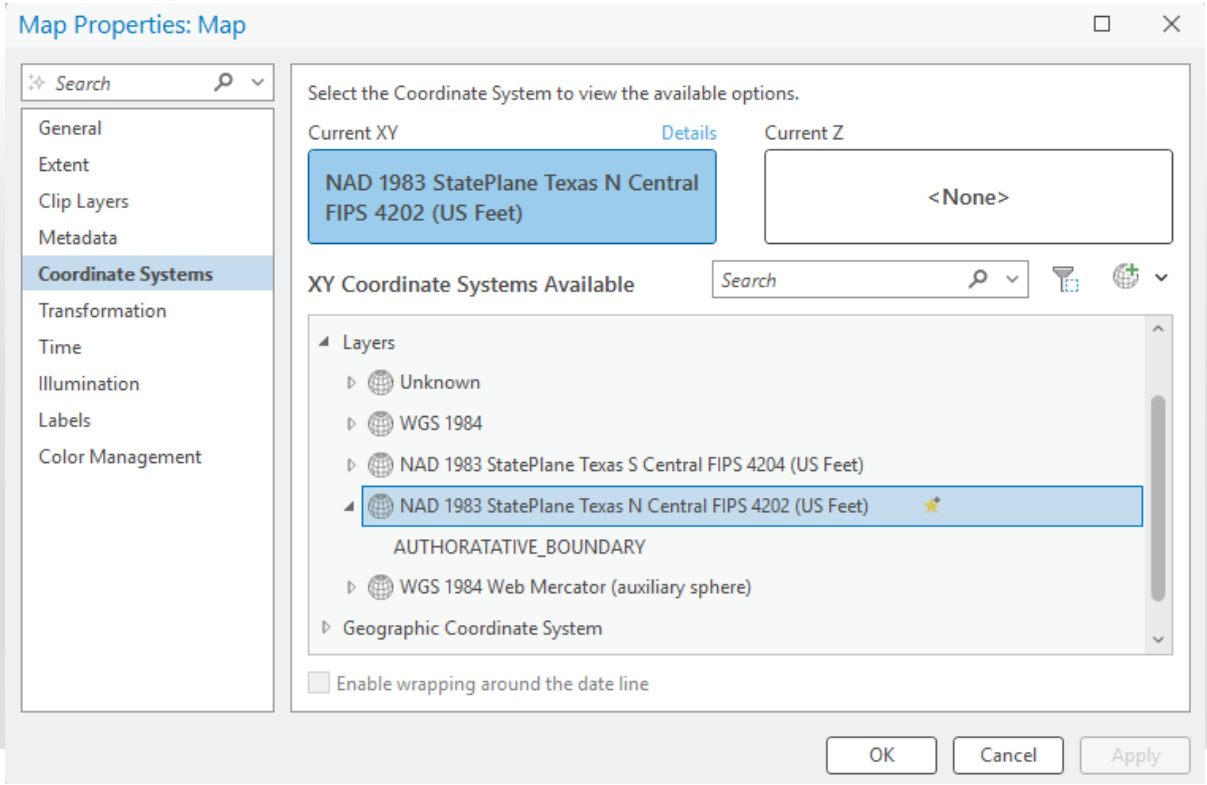
Working with Intrado Reported Errors

Boundary Gaps and Overlaps

If you are seeing sliver gaps and overlaps, the easiest action is to align to your artifacts layer

1. Download your Intrado error files
   a. You will notice the shapes are shifted from yours because of the shift from State Plane to WGS 1984
2. Determine the correct Transformation to use to reproject those files for alignment
   a. View the Properties of your Map
   b. Verify the map's projection is set to your native projection



Working with Intrado Reported Errors

Boundary Gaps and Overlaps

1. In your map view, make sure you are zoomed into an area with an artifact error
2. In the Map Properties, choose Transformation
   a. You'll see the transformation is the default
   b. Update the transformation until your polygons align. Typically, it will be one with "Texas" in the name
3. Once you know the transformation, you can reproject the artifact, using that transformation and import them into your .gdb for easier aligning

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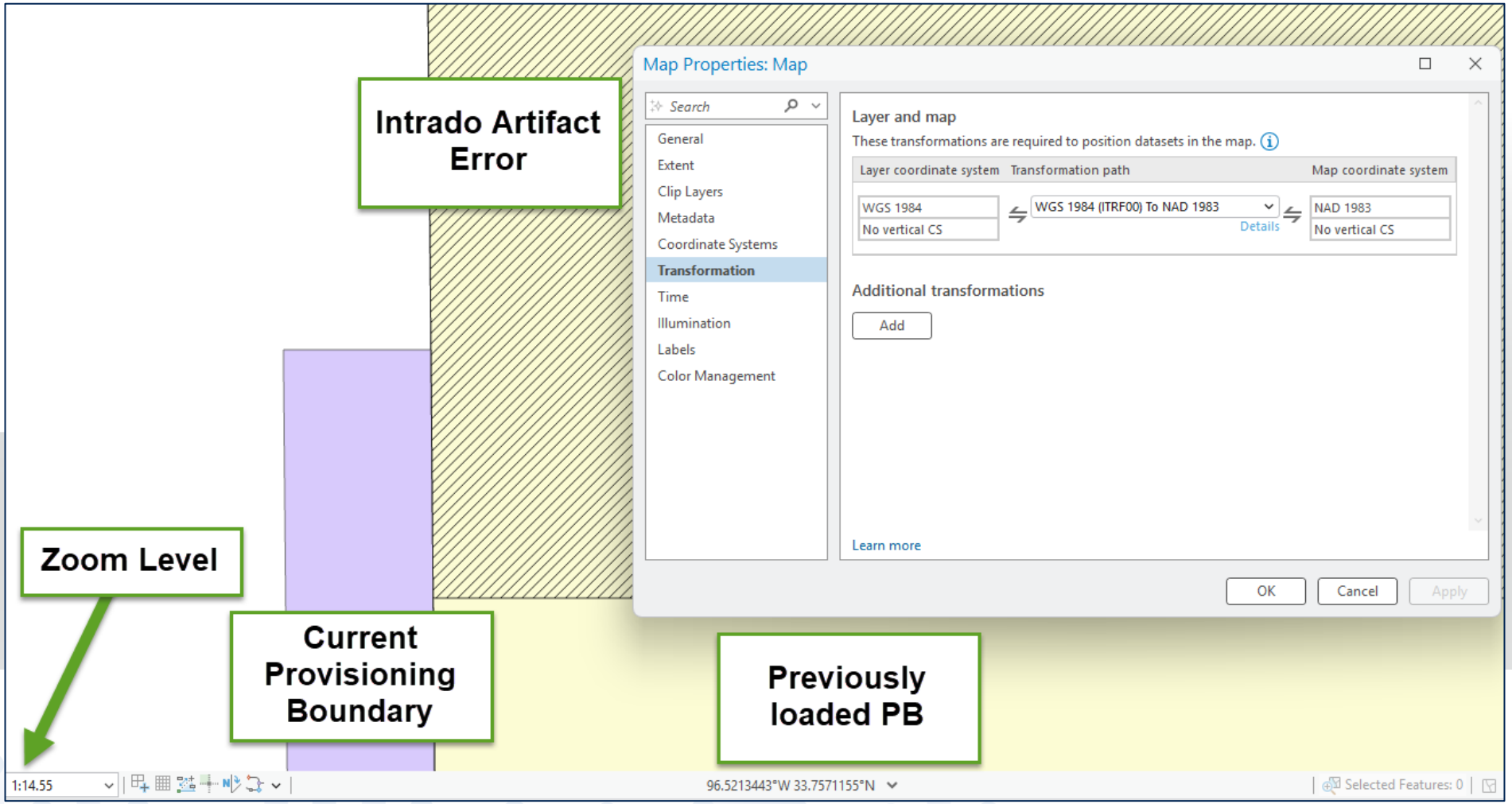
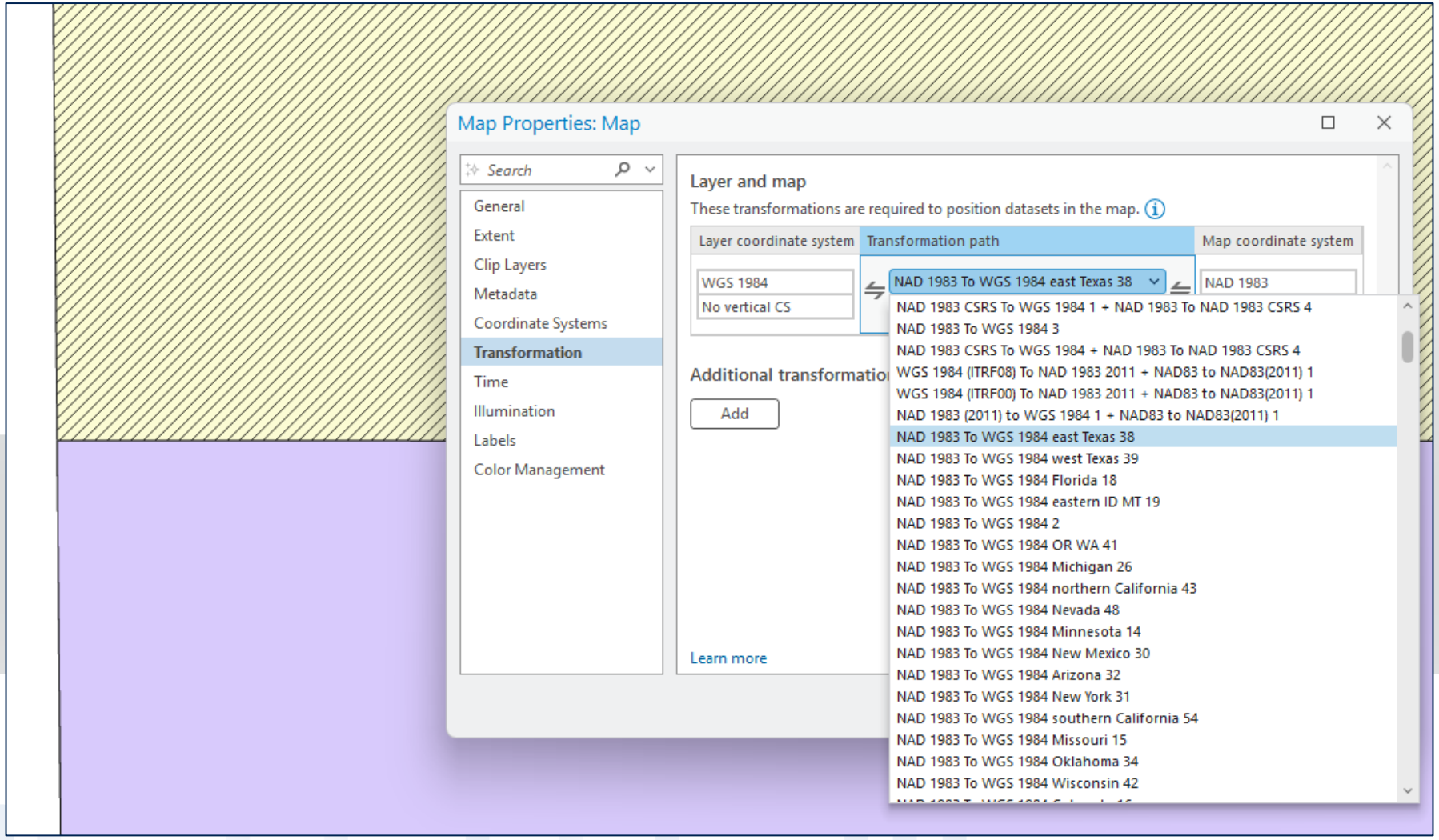
Working with Intrado Reported Errors

Boundary Gaps and Overlaps



Working with Intrado Reported Errors

Boundary Gaps and Overlaps



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Working with Intrado Reported Errors - Demo

- Boundary Gaps and Overlaps
- Address Range Overlaps
- Road Geometry Error

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Edge-matching Moving Forward

- Boundaries must align with neighbors in EGDMS to load PB per Intrado standards
- Previously we had more flexibility in overriding problem areas

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Updates to ALI Records

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CSEC Program Policy Statements (PPS)
PPS 030: 9-1-1 Database Maintenance

Regional Planning Commission Requirements

An RPC is responsible for ensuring the information contained in the 9-1-1 Database is current, accurate, and complete as defined in CSEC NG9-1-1 GIS Data Standard to enable accurate and timely determination of caller location.

GIS Data Standard

An RPC is required to implement the CSEC NG9-1-1 GIS Data Standard and ensure all required data layers are accurate, complete, and conform to the standard. To demonstrate compliance, an RPC is required to submit GIS data to the Commission (or designated contractor) for evaluation of the RPC's GIS data quality a minimum of once a month

Escalation Process

It is the responsibility of the RPC to escalate its 9-1-1 database errors to the appropriate SP. RPC 9-1-1 Database maintenance plans must include an escalation process which includes appropriate documentation of the error escalation and notice to the Commission prior to escalation with SP.

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Tips

1. Resent ALI DR through AT&T/Motorola portal
2. Determine telco and contact them directly

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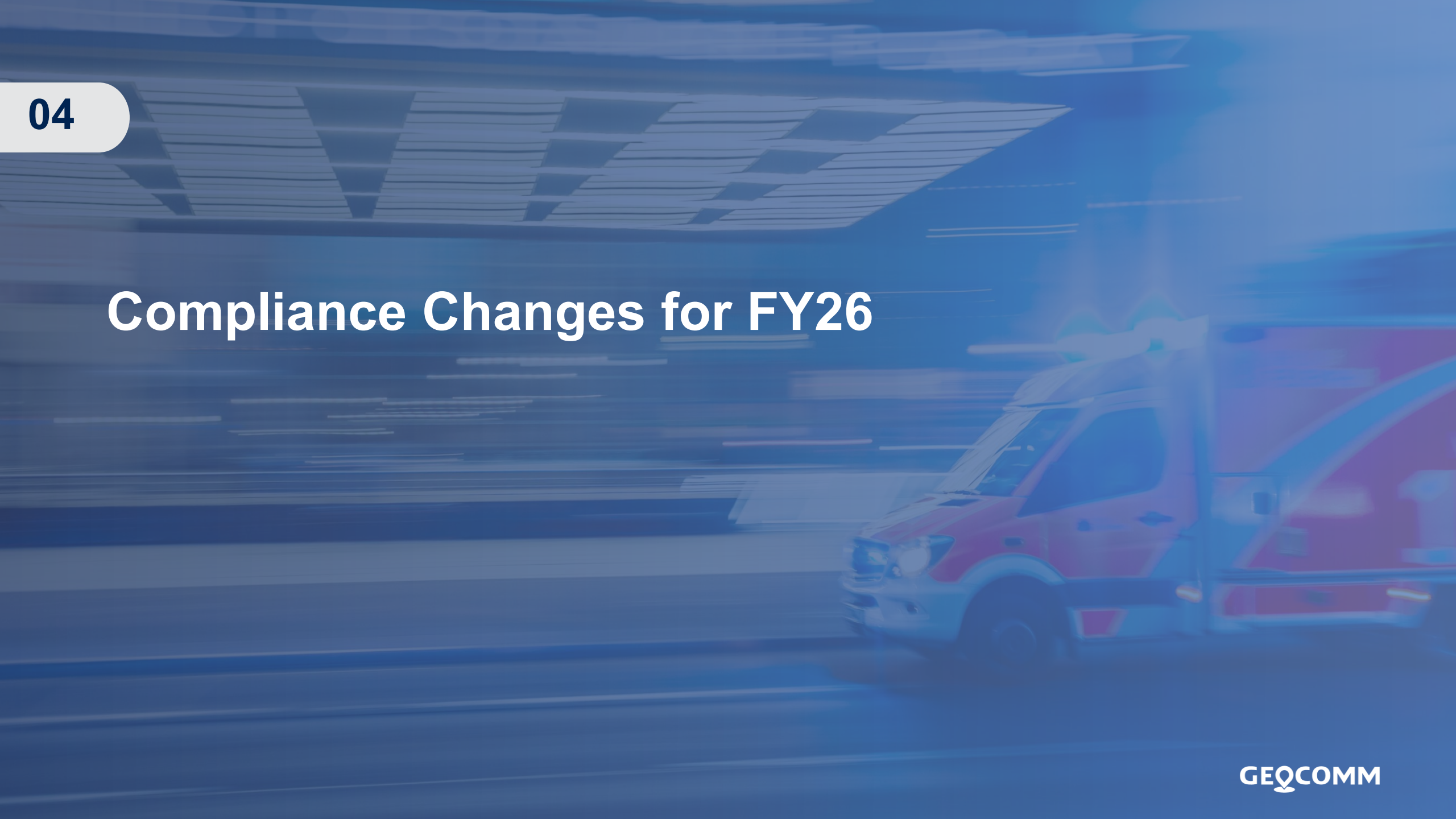
Compliance Changes for FY26



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Compliance Requirement Update for FY26

99.5%	ALI to RCL	*99.55%*
98.5%	ALI to SSAP	*98.75%*
1.1%	GIS Errors	*1.05%*

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Compliance Information

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Compliance Requirement

Monthly Uploads

ALI to RCL at or above 99.55%

ALI to SSAP at or above 98.75%

GIS Errors at or below 1.05%

Current RPC average GIS Error percentage is 0.3628%

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Compliance – GIS & Upload Criteria

	GIS Criteria	Uploads											
		2024			2025								
RPC	10-Sept 2025 Match Rates	October	November	December	January	February	March	April	May	June	July	August	September (In Progress)
AACOG	1.02%	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ATCOG	0.01%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
BVCOG	0.02%	Yes	Yes	Yes	Yes*	Yes*	Yes*	Yes	Yes	Yes	Yes*	Yes*	
CBCOG	0.76%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
CVCOG	0.05%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DETCOG	0.37%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ETCOG	1.35%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes*
GCRPC	0.09%	Yes*	Yes*	Yes	Yes*	Yes	Yes*	Yes*	Yes*	Yes*	Yes*	Yes	Yes*
HOTCOG	0.24%	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*
MRGDC	1.34%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
NRPC	0.00%	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
PBPRC	0.10%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
PRPC	0.64%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes*	Yes	
RGCOG	0.48%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SETRPC	0.02%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SPAG	0.04%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
STDC	0.04%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes*
TCOG	0.51%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes*	Yes	Yes	
WCTCOG	0.01%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

*Valid upload to GeoComm contained critical errors

†Valid upload to GeoComm but could not provision to ESInet because of Provisioning Boundary work or other special project with Intrado/AT&T

Meets Compliance

Missing one item from meeting compliance

Missing two or more items from meeting compliance

5.00% Does not meet compliance

0.50% Current meets compliance

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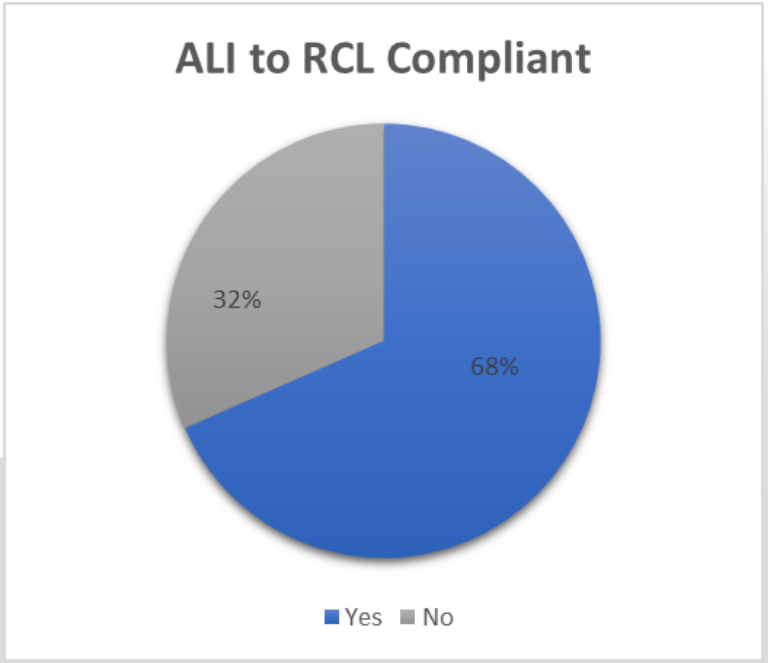
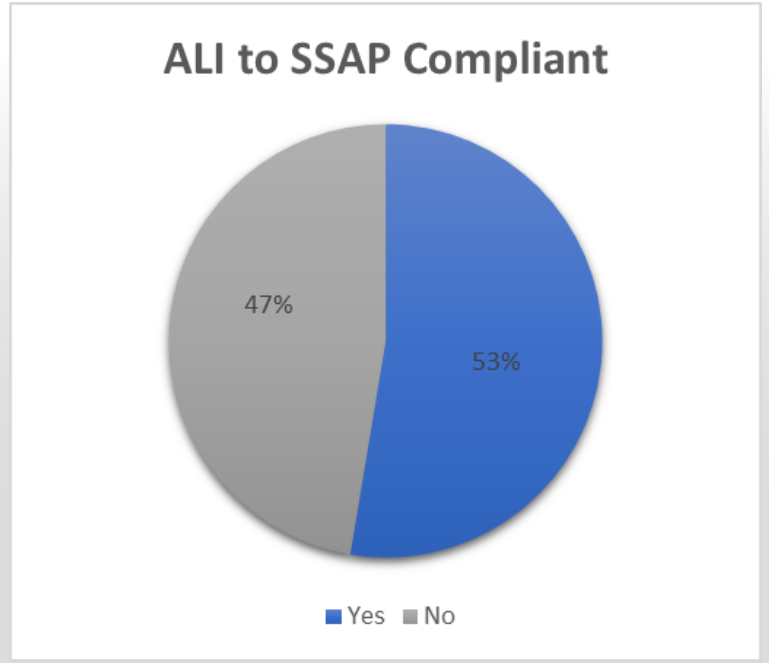
Compliance – ALI to SSAP & ALI to RCL Criteria

RPC	ALI to RCL	ALI to SSAP
AACOG	99.49%	98.27%
ATCOG	98.10%	93.84%
BVCOG	99.81%	98.57%
CBCOG	96.79%	87.19%
CVCOG	99.98%	98.63%
DETCOG	99.93%	99.03%
ETCOG	98.71%	95.39%
GCRPC	99.99%	99.59%
HOTCOG	99.97%	99.91%
MRGDC	99.85%	99.61%
NRPC	99.97%	99.49%
PBPRC	99.98%	99.53%
PRPC	99.73%	98.63%
RGCOG	99.47%	96.32%
SETRPC	99.93%	99.93%
SPAG	100.00%	99.17%
STDC	99.84%	99.81%
TCOG	99.45%	96.55%
WCTCOG	99.97%	99.36%





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Total Compliance

RPC	ALI to RCL	ALI to SSAP	GIS Match Rate	Monthly Upload (in last year)
AACOG	No	No	Yes	No
ATCOG	No	No	Yes	Yes
BVCOG	Yes	No	Yes	Yes
CBCOG	No	No	Yes	Yes
CVCOG	Yes	Yes	Yes	Yes
DETCOG	Yes	Yes	Yes	Yes
ETCOG	No	No	No	Yes
GCRPC	Yes	Yes	Yes	Yes
HOTCOG	Yes	Yes	Yes	Yes
MRGDC	Yes	Yes	No	Yes
NRPC	Yes	Yes	Yes	No
PBPRC	Yes	Yes	Yes	Yes
PRPC	Yes	No	Yes	Yes
RGCOG	No	No	Yes	Yes
SETRPC	Yes	Yes	Yes	Yes
SPAG	Yes	Yes	Yes	Yes
STDC	Yes	Yes	Yes	Yes
TCOG	No	No	Yes	Yes
WCTCOG	Yes	Yes	Yes	Yes

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GIS Data Error Reports

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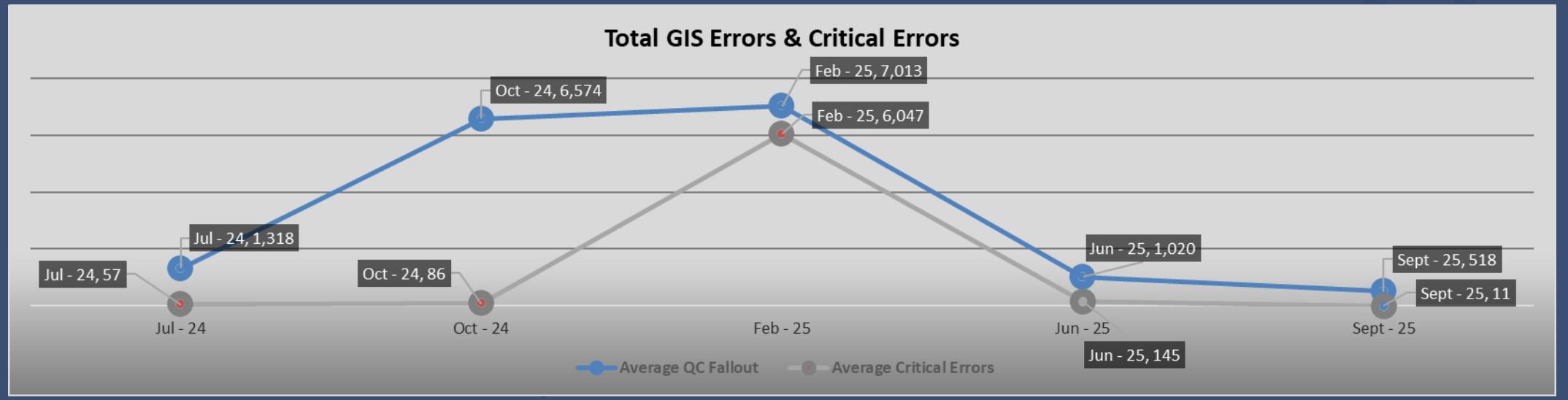
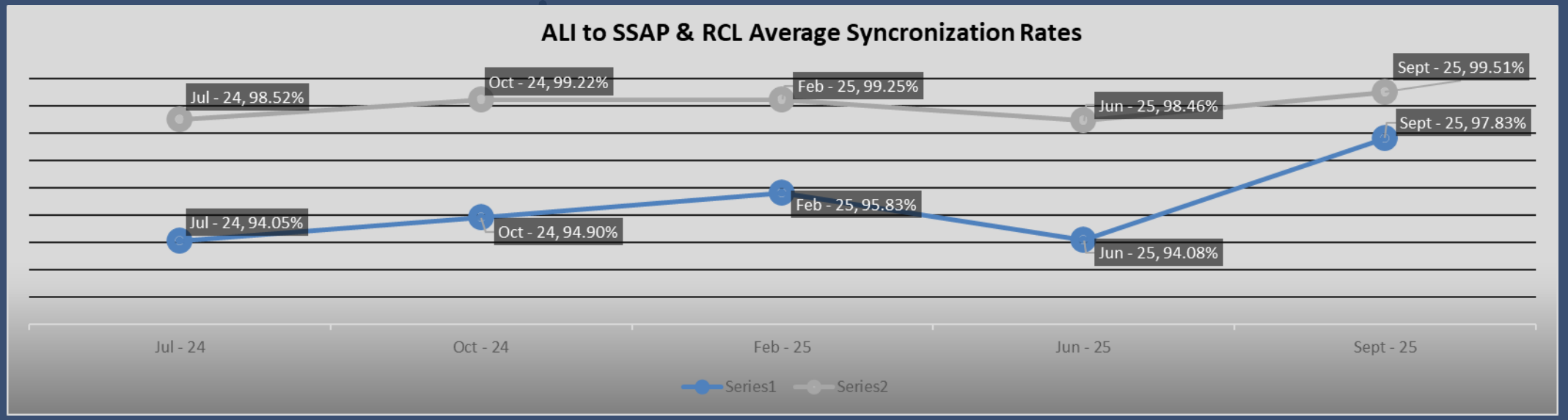
Average of Errors Over Time





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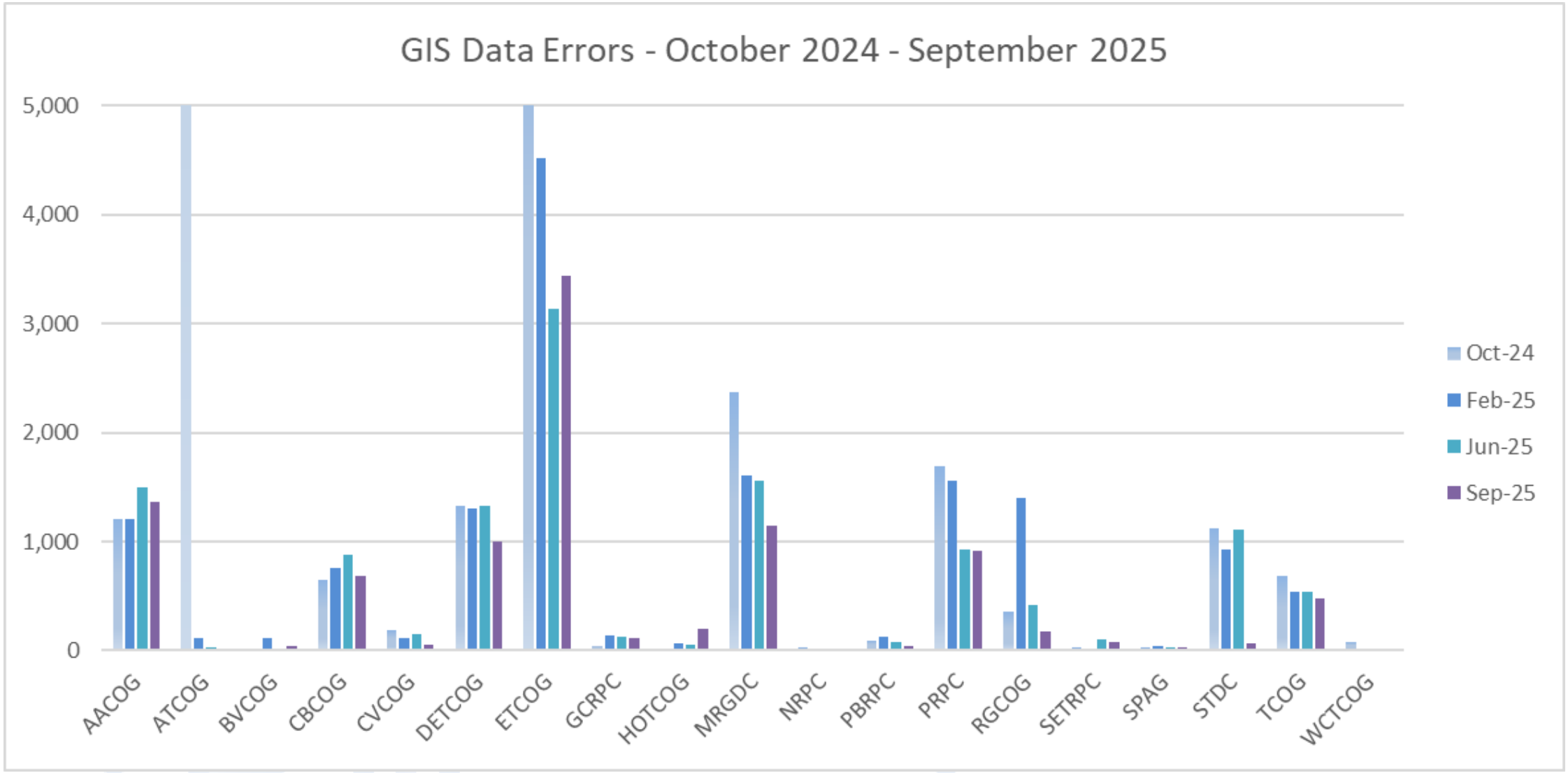
Status of GIS Quality Control Error Totals by RPC



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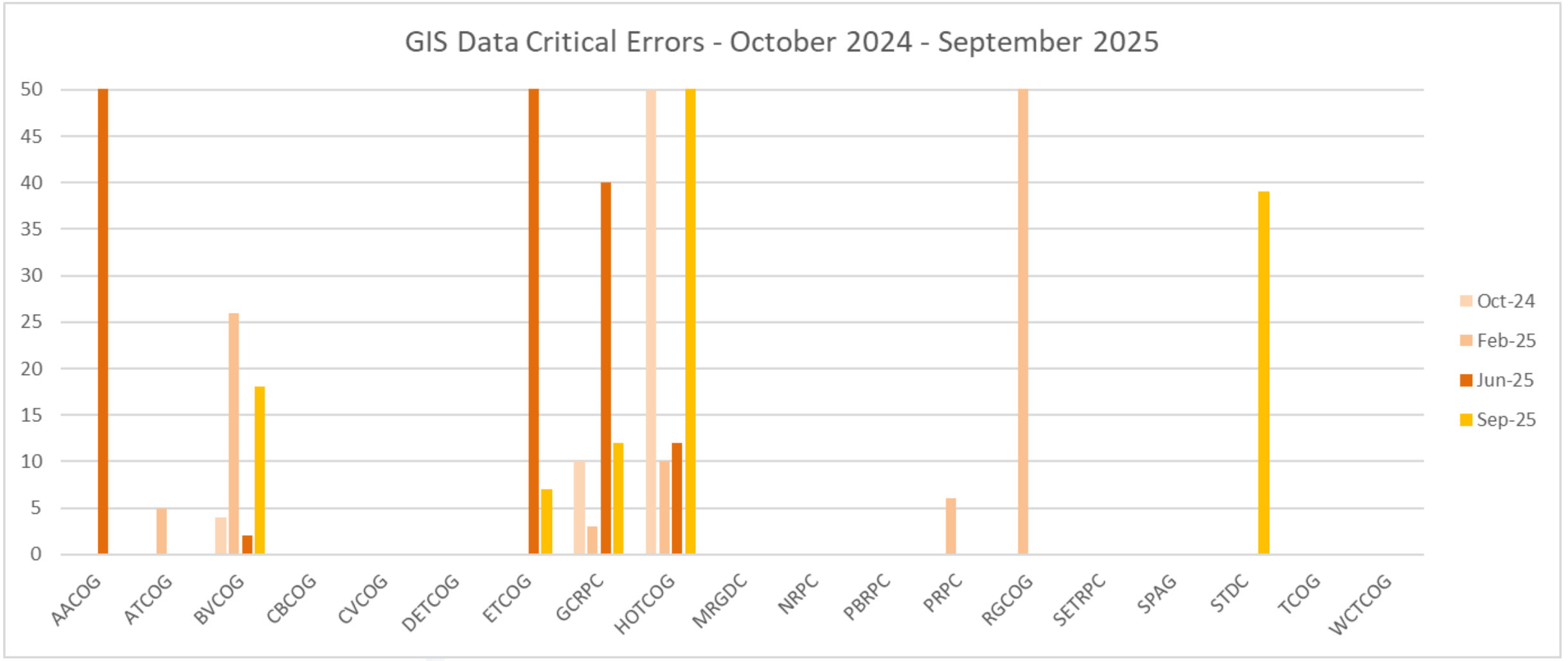
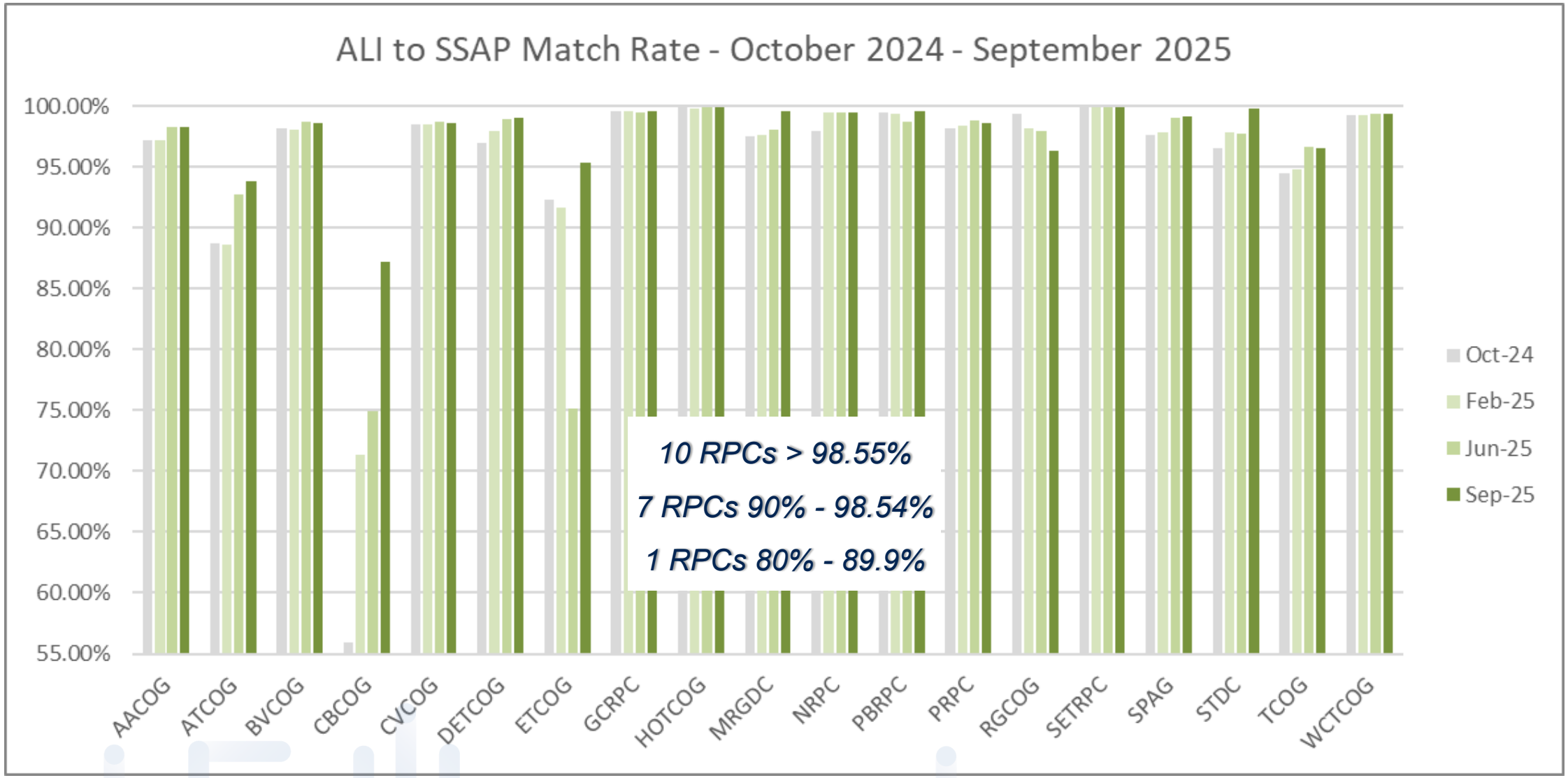
Status of GIS Critical Errors by RPC



Status of ALI to Address Point Match Rates



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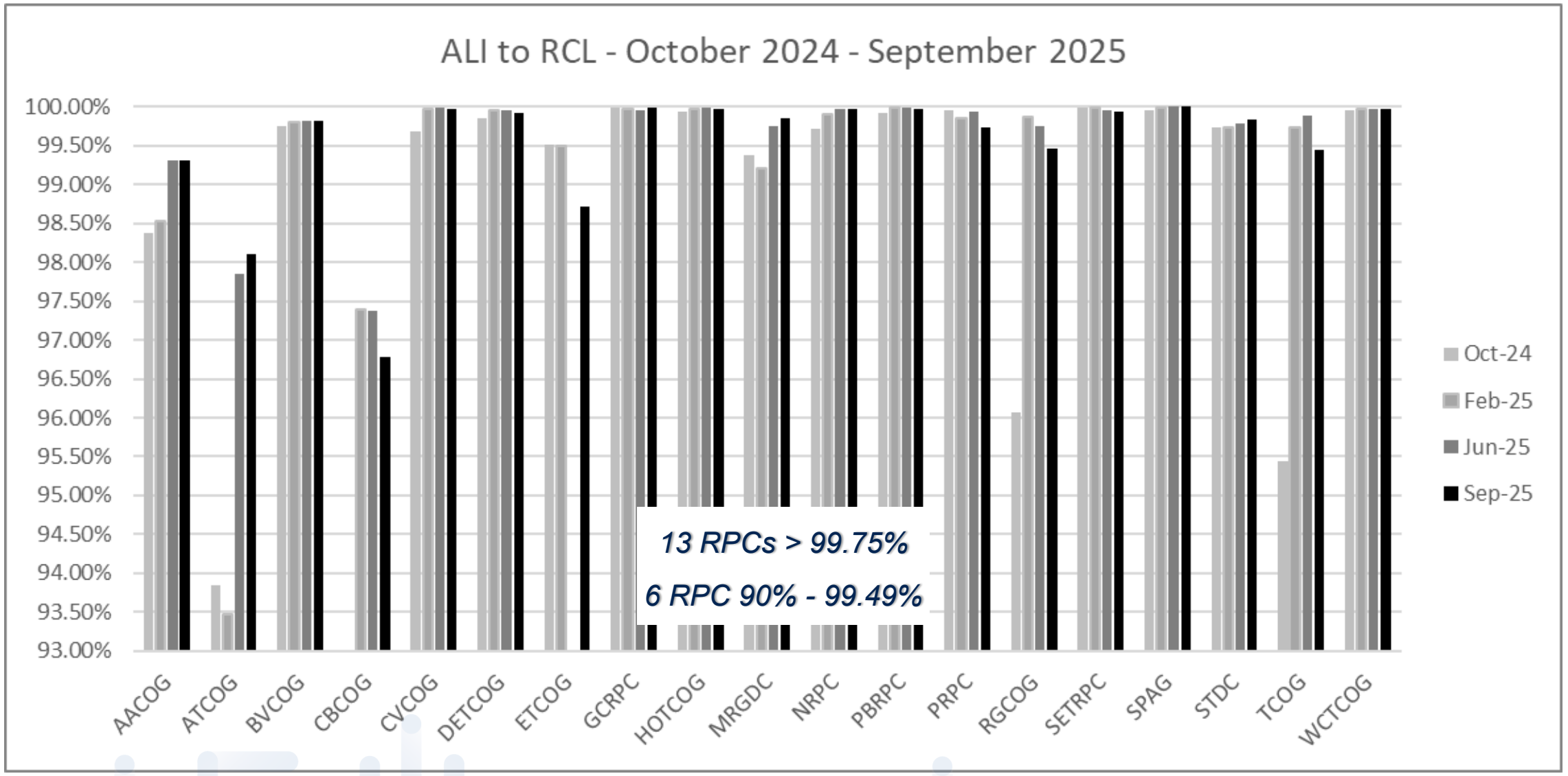
Status of ALI to Roads Match Rates



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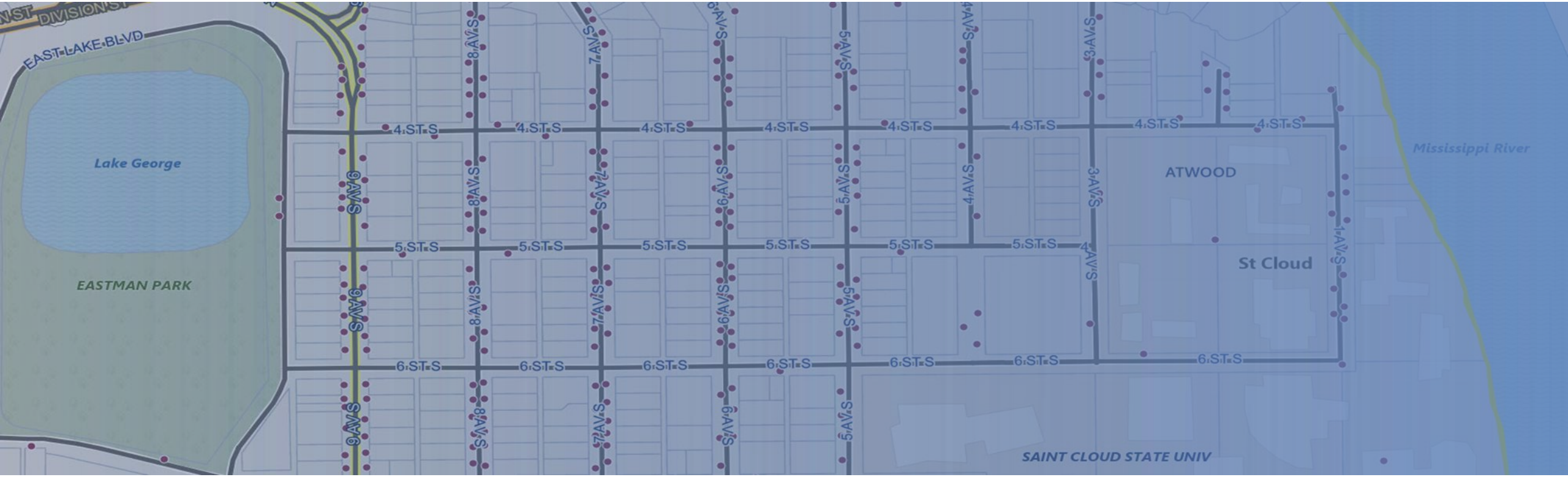
Questions + Discussion



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