



OKLAHOMA GIS NG911 UPDATE

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Next Generation 911 RFP



- Hired a Consultant (MCP)
- Revise the State NG911 Strategic plan (Complete by end of 2024)
 - www.ok.gov/911
- Main revisions is Cyber, Local Software, and GIS
- Develop RFP for NG911 (First quarter 2025)
- RFP released on July 14th, 2025. Due September 25th, 2025
 - *7 responses*
- Selection ~~before end of 2025~~, 2nd quarter of 2026.
- Deploy in ~~2026~~ 2027....

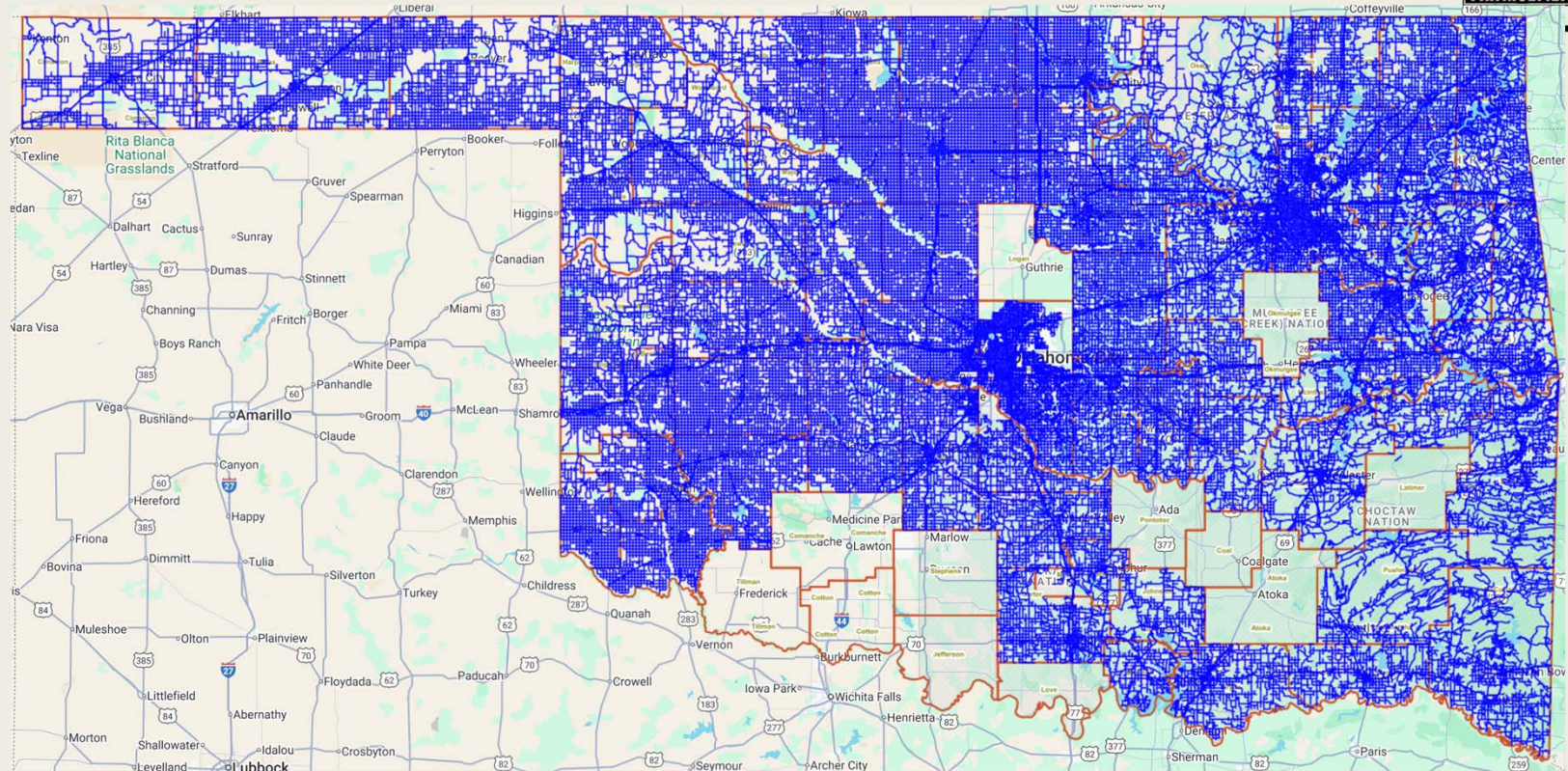
NG911 is dependent on GIS



- Citizen to 911
 - *Routes calls to the right 911 center*
 - *Provides a dispatchable address*
- 911 to Responder
 - *Validating addresses in CAD systems*
 - **Industry starting to recommend to use same map for 911 and CAD....**
 - *Improve accuracy for responders using Mobile software*
 - *Common data set for public safety*

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Where are we now?



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Deadlines for data upload and updates



- June 1st, 2026 - GIS Data Required to be Uploaded to State Repository

PSAPs shall remediate data to meet the Oklahoma NG911 GIS and Addressing Standard, pass the data through the state provided toolkit and upload finalized data to the repository.

- June 4th, 2026 PSAPs put on notice
- August 6th, 2026 Public Hearing

- July 1st, 2026 Quarterly update requirement enforced

PSAPs shall complete quarterly updates in accordance with GIS rules.

2026 Education, Warnings, Enforced



2026 Education - January through August

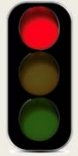
- Intro to ArcGIS Pro GIS Class with emphasis on NG9-1-1
- Transition to ArcGIS Pro from ArcGIS Desktop with emphasis on NG9-1-1
- *OK Geographic Information NG911 Address Standard Workshop (Mandatory)*
- State of Oklahoma NG911 Toolkit
- NG911 Topology Workshop
- Master Street Address Guide (MSAG)



2026 Warning



2027 Enforced



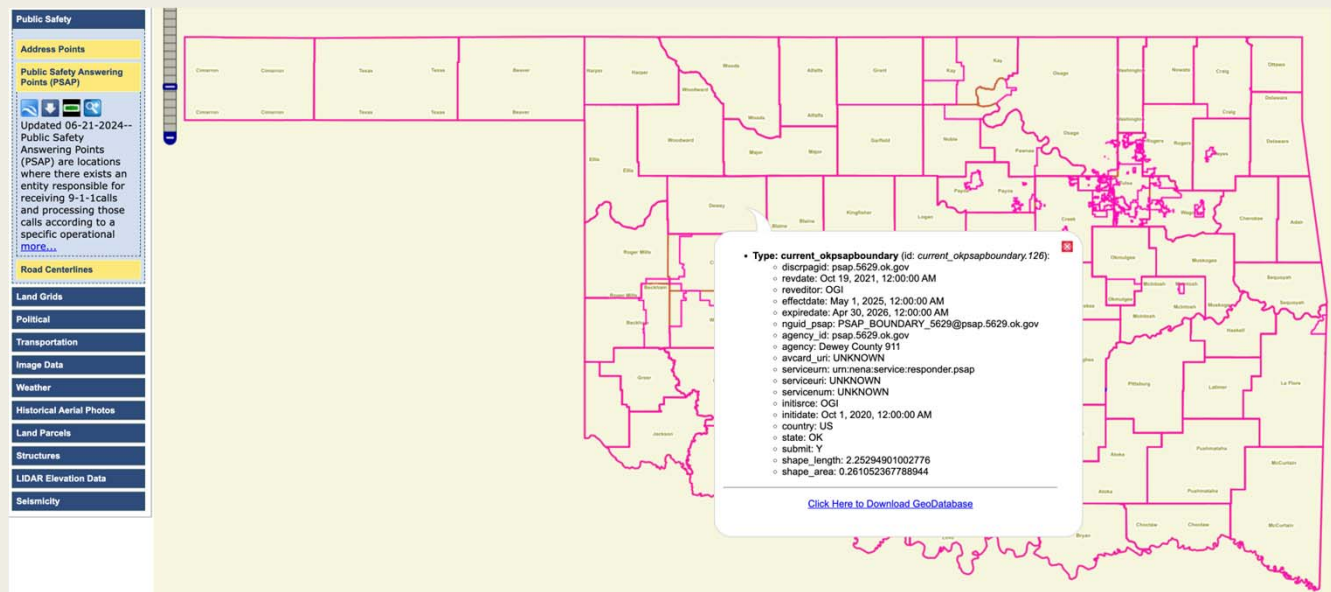
OK Geographic Information NG911 Address Standard Workshop (Mandatory)

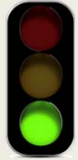
- Required Training – Oklahoma NG911 GIS Address Standard Workshops
- To support this transition, attendance at one (1) of the six (6) statewide training sessions listed below is required.
- Oklahoma's Geographic Information NG911 Address Standard Workshop
- | | | |
|---------|------------------------|-----------------------------------------|
| Jan 27 | 8:00 A.M. – 12:00 P.M. | Ada, OK |
| Feb 19 | 8:00 A.M. – 12:00 P.M. | Lawton, OK |
| Mar 10 | 8:00 A.M. – 12:00 P.M. | Oklahoma City, OK |
| Apr 28 | 8:00 A.M. – 12:00 P.M. | Norman, OK (9-1-1 Coordinator Workshop) |
| June 2 | 8:00 A.M. – 12:00 P.M. | Tulsa, OK |
| July 28 | 1:00 P.M. – 5:00 P.M. | Woodward, OK |



PSAP Boundary Warning January 2026

- Must download the official boundary from the State Repository (OKMAPS)
- All GIS data submittals to the State NG911 GIS Repository that currently receive the “**The PSAP boundary check has failed**” warning under Version 2.2 of the NG911 / GIS Address Standard are allowed to upload at this time.
- Beginning with Version 3 of the NG911 / GIS Address Standard, this warning will be elevated to an **error** that prevents successful submission. Under Version 3, the submitting PSAP Boundary must perfectly (topologically) match the current State PSAP boundary for each PSAP.

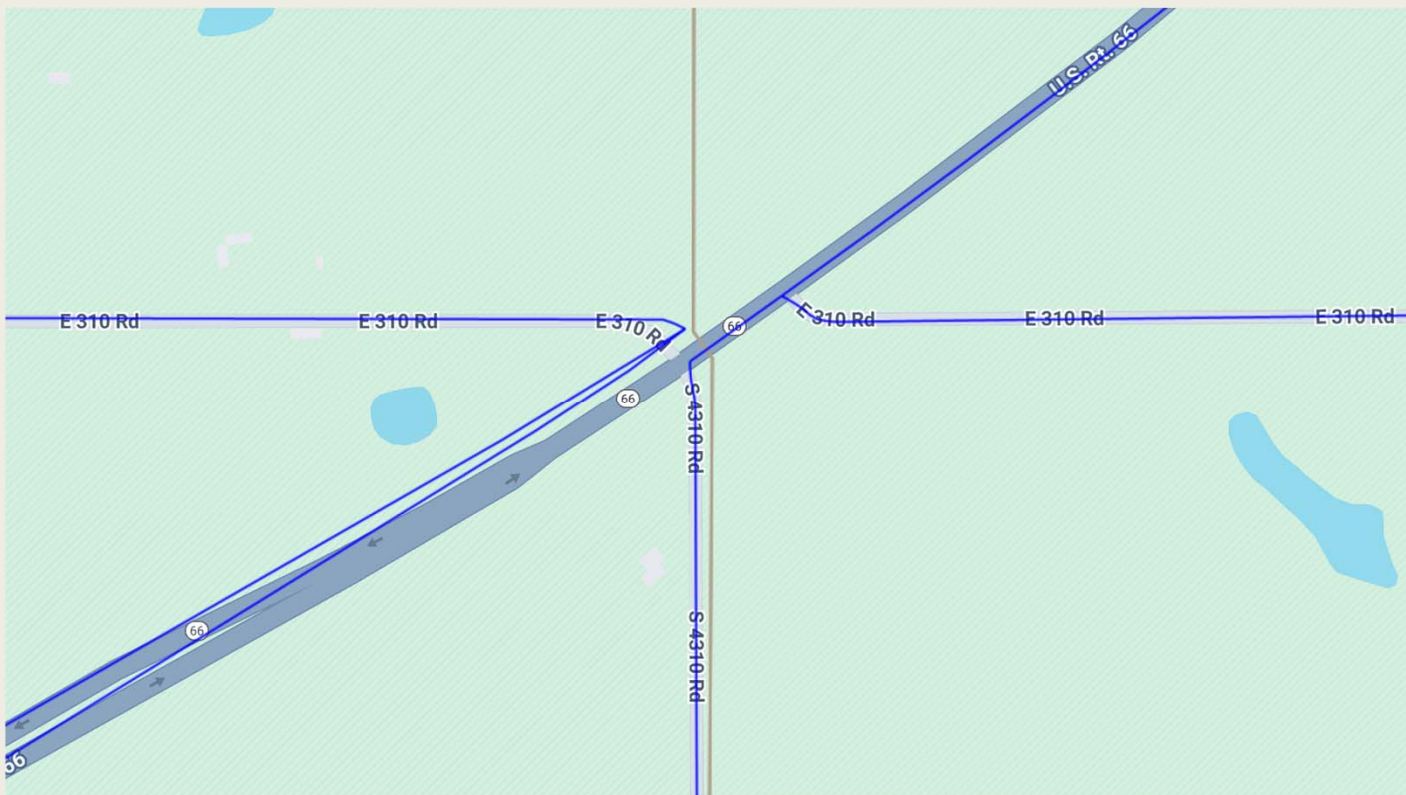




Snap to Vertex and Road Centerline



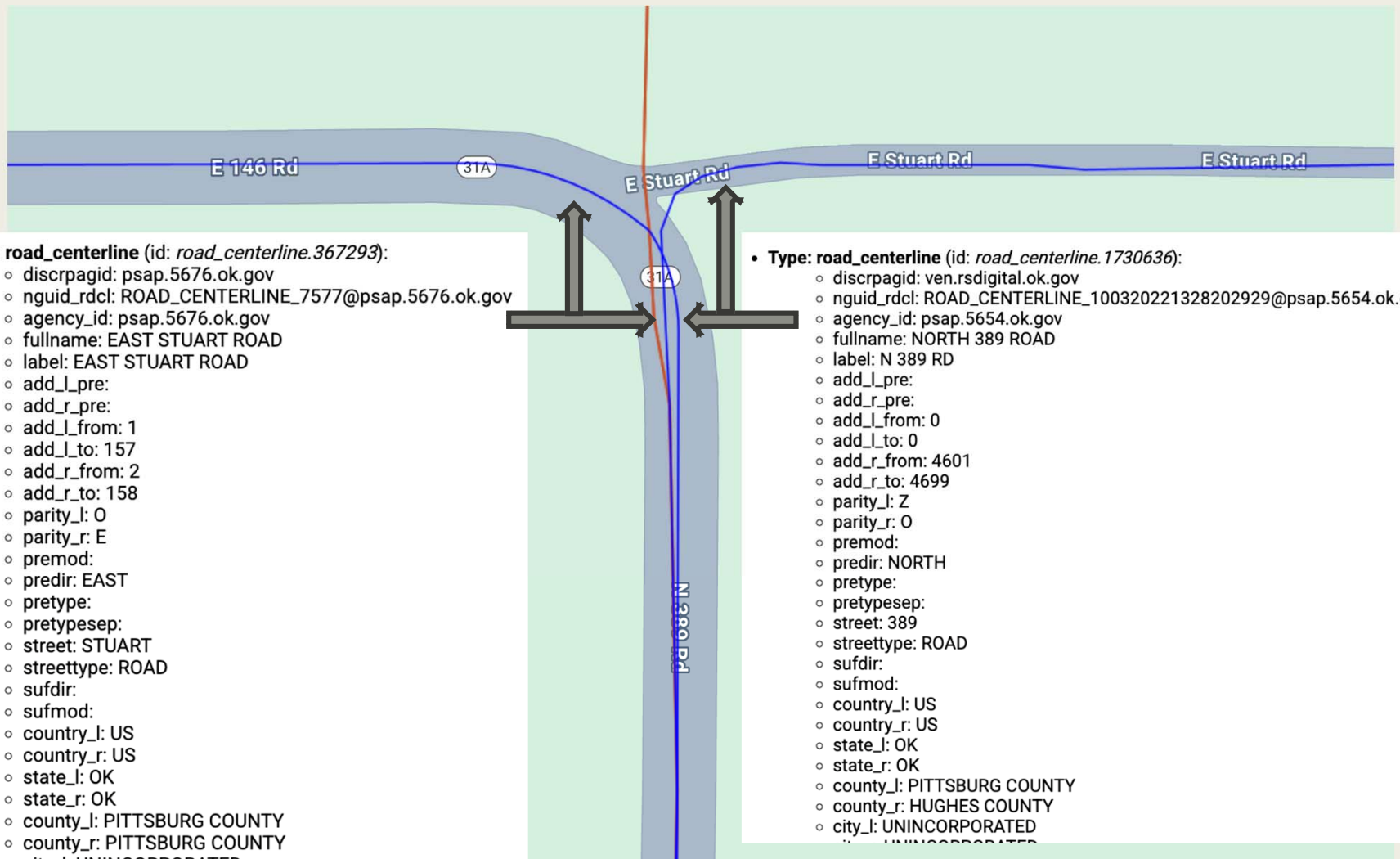
- A statewide standard of agreed-upon shared vertices along PSAP boundaries at roads is being implemented to ensure a seamless statewide road dataset.



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Road centerline between PSAPs





Additional Education that you need to know

- Education on Differences Between GIS Standard Versions 2.2 and 3
See the *Oklahoma NG911 Address Standard Workshop Schedule*.

The State of Oklahoma Geographic Information NG911 and Addressing Standard

Oklahoma GI Council / Office of Geographic Information / Oklahoma 9-1-1 Authority



Oklahoma Geographic Information Council Approved: **9-11-2020**

Oklahoma 9-1-1 Management Authority Approved: **10-1-2020**

Version 2.2

Oklahoma Geographic Information Council - 10/13/2020

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The State of Oklahoma Geographic Information NG911 and Addressing Standard

Oklahoma GI Council / Office of Geographic Information / Oklahoma 9-1-1 Authority



Oklahoma Geographic Information Council Approved: **04-05-2024**

Oklahoma 9-1-1 Management Authority Approved: **05-02-2024**

Version 3

Oklahoma State Geographic Information Council - 4/24/2025

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Additional Warnings (Automated Checks Prior to Successful Submission)

- Version 3 adds additional data integrity checks not present in Version 2.2.
- Additional Next-Gen versus Legacy field checks will ensure fully written-out Next-Gen field values match the abbreviated values in the corresponding Legacy fields. Example: a record with a StreetType attribute of **AVENUE** must have an LgcyType attribute of **AVE**.
- Expanded capitalization checks will be applied across all feature classes and fields. More in-depth topology relationship checks will be performed between **ROAD_CENTERLINE** and **ESB_FIRE/LAW/EMS** feature classes and attributes.
- Overall enhancements to the QA/QC process will further clean local data for inclusion in the statewide dataset.



October 1, 2026

- Warnings Transition to Required
- End of Life – GIS Address Standard Version 2.2
- PSAPs Shall Use GIS Address Standard Version 3



October 1, 2026

- Warnings Transition to Required
- End of Life – GIS Address Standard Version 2.2
- PSAPs Shall Use GIS Address Standard Version 3



January 2, 2027

- Requirements Enforced as **Errors!!**
All applicable requirements will be enforced as errors.
- Errors prevent successful submission.



Questions??

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