

# OKLAHOMA NG911 STANDARDS WORKSHOP

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*Download  
Workshop  
Materials*



**Charles Brady III**  
Municipal Representative, State Geographic Information Council

## Ada

January 27, 2026  
8:00 AM - 12:00 PM

## Lawton

February 19, 2026  
8:00 AM - 12:00 PM

## Oklahoma City

March 10, 2026  
8:00 AM - 12:00 PM

## Norman

April 28, 2026  
8:00 AM - 12:00 PM

## Tulsa

June 2, 2026  
8:00 AM - 12:00 PM

## Woodward

July 28, 2026  
1:00 PM - 5:00 PM

# SIGN IN & SETTLE DOWN

# Sign In & Full Workshop Attendance Required for Credit



**8:00 am**  
**8:10 am**

*If you don't  
sign in you  
were not  
here ☺*



**I DON'T KNOW**

**AND AT THIS POINT I'M TOO AFRAID  
TO ASK**

*How & where do I find answers to critical questions within my PSAP.*

**8:00 am  
8:10 am**

*"I Don't Know" is a valid pre-workshop answer that we are here to change.*

*What is my role with GIS & NG911 within my PSAP?*

*Why am I here?*

# PRE-WORKSHOP SURVEY123

- Do I maintain my data in house or hire a contractor?
  - If hiring a contractor, who is it?
- Do I plan on maintaining my GIS data in house or through a contractor?
- How comfortable am I at maintaining & updating my NG911 / GIS data?
- What is the process & schedule in updating my NG911 / GIS data?
- What role do I play in this process?
- How successful is this process & is it easily repeatable?
- What are my local current roadblocks or speedbumps?
- What is my local setup?
  - Default NG911 File Geodatabase
  - Extraction from larger SDE Geodatabase – Enterprise GIS
  - Contractor maintained

8:10 am  
8:30 am



[Access Pre  
Workshop Form](#)



# TAKE HOME SWISS ARMY KNIFE

 Oklahoma NG911 Standards Workshop

Oklahoma NG911 / GIS Swiss Army Knife  
**(Attendee Keeps)**

Date: \_\_\_\_\_ Class Location: \_\_\_\_\_

Name: \_\_\_\_\_ PSAP: \_\_\_\_\_

 [OKLAHOMA 9-1-1 Management Authority](https://oklahoma.gov/911.html)  
<https://oklahoma.gov/911.html>

**Statewide NG911 GIS Training**  
New Training In Progress / More Coming Soon

**Agency & Agency ID**  
 <https://oklahoma.gov/content/dam/ok/en/911/documents/legacy-documents/Agency-ID-list.pdf>  
Fill in Local Information  
Agency: \_\_\_\_\_

Agency ID: \_\_\_\_\_

**Municipal PSAP Maintenance Guidelines**  
 [https://oklahoma.gov/content/dam/ok/en/911/documents/psap/Municipal\\_PSAPmtGuidelines.pdf](https://oklahoma.gov/content/dam/ok/en/911/documents/psap/Municipal_PSAPmtGuidelines.pdf)

**Oklahoma NG911 GIS Data Repository Upload**  
 <https://ng911dev.okmaps.org/login>  
Fill in Local Information  
Local Login: \_\_\_\_\_

Issue # 2026 - NG911 GIS Repository 1<sup>st</sup> Successful Data Upload Deadline

**Oklahoma NG911 GIS Data Repository**  
Download / Connect To  
<https://okmaps.org/OGI/search.aspx>

**Download Statewide:**

- Official PSAP Boundaries
- Current Local Address Points
- Current Local Road Centerlines
- Other Official Statewide GIS datasets

## Local 3<sup>rd</sup> Party Integration Configuration Details

### Call Taking Software

Individual Responsible for updating GIS Data: \_\_\_\_\_

Required GIS data format: \_\_\_\_\_

Update Process: \_\_\_\_\_

Update Schedule: \_\_\_\_\_

Notes: \_\_\_\_\_

### Dispatching Software

Individual Responsible for updating GIS Data: \_\_\_\_\_

Required GIS data format: \_\_\_\_\_

Update Process: \_\_\_\_\_

Update Schedule: \_\_\_\_\_

Notes: \_\_\_\_\_

### Other 3<sup>rd</sup> Party GIS Data Integration Software

Individual Responsible for updating GIS Data: \_\_\_\_\_

Required GIS data format: \_\_\_\_\_

Update Process: \_\_\_\_\_

Update Schedule: \_\_\_\_\_

Notes: \_\_\_\_\_

### Current PSAP Upload / Neighbor Match Status

(June 1, 2026 - NG911 GIS Repository 1<sup>st</sup> Successful Data Upload Deadline)

Has my PSAP successfully submitted to the Repository? \_\_\_\_\_

When was the last time my PSAP successfully submitted to the Repository? \_\_\_\_\_

Is my PSAP Boundary the Official State provided PSAP Boundary? \_\_\_\_\_

Do my Road Centerlines enter & exit PSAP Boundary at the Snap To the Vertices of my neighbor's Road Centerline & PSAP Boundary? \_\_\_\_\_

8:30 am  
9:00 am



**Download  
Workshop  
Materials**

# TAKE HOME SWISS ARMY KNIFE

- Oklahoma 911 Authority & Oklahoma GI Council
- Oklahoma NG911 GIS Data Repository Upload & Download Access
- What is my Agency & Agency ID?
- 3<sup>rd</sup> Party NG911 GIS data integration configurations
  - Call Taking Software
  - Dispatching Software – *Statewide ODIS Integration / Cleanup*
  - Other 3<sup>rd</sup> Party Software – *GeoSafe, RapidSOS, Public Facing Google, Here, Cityworks, Tyler, Etc*
- Determine:
  - If PSAP data been successfully submitted to the Repository
  - If submitted PSAP Boundary is the Official State provided PSAP Boundary
  - If Road Centerlines enter & exit PSAP Boundary seamlessly at the Snap To Vertices between PSAP Boundaries

8:30 am  
9:00 am



Download  
Agency ID List



# REASONS FOR THE STANDARD CHANGE

- NENA changes – Format & Fields
  - New / Changed / Mandatory Fields, Widths, Domains, Etc
  - NGUID Format :
    - Old - (LayerName)\_(Local911UniqueID)@(Agency\_ID)
    - Example:  
**ROAD\_CENTERLINE\_24965@psap.5585.ok.gov**
  - New - (URN):(LayerName):(Local911UniqueID):(Agency\_ID)
  - Example:  
**urn:emergency:uid:gis: ROAD\_CENTERLINE: 24965: psap.5585.ok.gov**
- ESRI Changes
  - ArcGIS Desktop to ArcGIS Pro
- Functionally Necessary Changes
  - Users Asked for changes (*Domain Code/Description made identical*)
  - Toolkit & Repository required changes
  - Enhanced functionality (*Snap To Vertex, Routing, Cleaner Topology*)

9:00 am  
9:10 am

## Types of Change

- Schema
- Data
- Format
- Enhanced Features
- Domain Values
- Requirement

# LOCAL IMPACTS LOOKING UPSTREAM & DOWNSTREAM OF YOUR DATA

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- Determining who & how my data is being accessed
  - Internal Users
  - 3<sup>rd</sup> Party Applications
- How does this change impact my local workflow?
- What other operations does this change impact?
- What is your local update schedule?
- How does this update schedule fit within everyone else's update schedule?
- Do ALL the maps within my PSAP agree 100%?
  - How about throughout the entire call taking to citizen contact process?

9:10 am  
9:30 am

Call Taking Software

Dispatching Software

3<sup>rd</sup> Party Integrations

REFUEL  
&  
REFRESH

9:30 am  
9:45 am

# IMPLEMENTING CHANGES MOVING FORWARD

- Field mapping
- Modifying existing schema locally
- Adding new fields
- Adding new domains
- Looping back into what schema changes do to all local integrations
- Customizing your implementations to local needs (*Model Builder Streamline*)
- Tips & Tricks to streamline operations

[https://okmaps.onenet.net/address\\_standards.htm](https://okmaps.onenet.net/address_standards.htm)

**9:45 am  
10:30 am**

# 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: *Modifications Highlighted*

Oklahoma 9-1-1 Management Authority Approved: *Modifications Highlighted*

### *Version*

Oklahoma State Geographic Information Council - 10-7-2022

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# Modifications Highlighted

# PSAP BOUNDARY CHECK WARNING VS ERROR

*The processing of a new upload PSAP\_X\_MMDDYYYY.gdb for Agency: psap.XXXX.ok.gov has finished successfully with the following warnings:*

*The PSAP boundary check has failed.*

**Version 2.2 – Warning Allowed in Upload**  
*(Grace Ends Oct 1, 2026)*

**Version 3 – Error Not Allowed in Upload**

Download Official Current PSAP Boundary Polygons from the State of Oklahoma -

[https://okmaps.org/OGI/NG911/PSAP/OKMaps/current\\_okps\\_apboundary.gdb.zip](https://okmaps.org/OGI/NG911/PSAP/OKMaps/current_okps_apboundary.gdb.zip)

Download PSAP Boundary Change Request Form -

[https://oklahoma.gov/content/dam/ok/en/911/documents/psap/Municipal\\_PSAPMtcGuidelines.pdf](https://oklahoma.gov/content/dam/ok/en/911/documents/psap/Municipal_PSAPMtcGuidelines.pdf)

**10:30 am  
10:45 am**



Occurs when the Local PSAP Boundary Polygon is different from the Official State PSAP Boundary Polygon.

# TYPES OF AND REASONS FOR PSAP BOUNDARY CHANGES

- **Annexation / De-Annexation** - *Legal modification of official jurisdiction (All Annexations after July 1, 2000 must have the following to be considered legally effective. Title 11 §21-112 )*
  - *Have the attached ordinances approved by the local municipality*
  - *Be filed with the County Clerk*
  - *Have proof of submission & acceptance to the Ad Valorem Division of the Oklahoma Tax Commission*
- **Reduce Response Time / Local MOU** - *Deviations in the official jurisdiction to improve logical emergency response time*
  - *Requires all local acquiring / releasing service provider signatures & Local MOU / Jurisdictional Agreements*
- **Map Topology Correction** - *Correction to ANY vertex of the polygon that represents a PSAP boundary that does not involve the previous reasons*
  - *Only applies to minor corrections that do not substantially impact responding service providers*

10:45 am  
11:15 am

*Previously  
PSAP  
Boundary  
changes  
were only  
allowed once  
a year.*

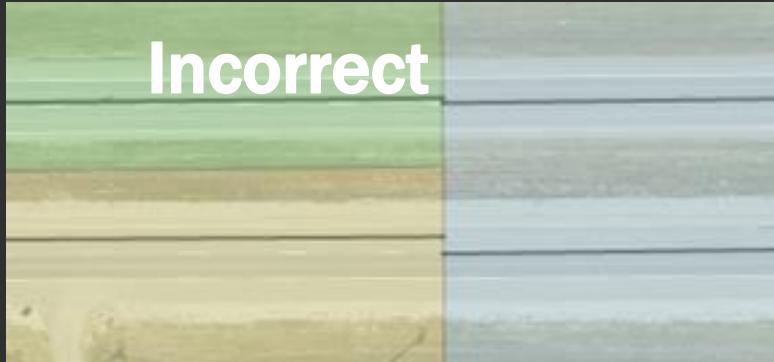
*Changes can  
occur at  
anytime  
during the  
year moving  
forward.*

# SNAP-TO-VERTEXES

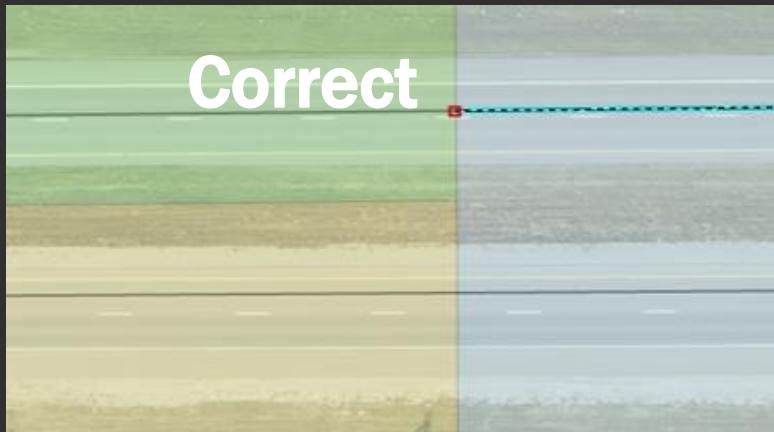
## CREATE A STATEWIDE ROUTABLE ROAD NETWORK

### Section 2.17 Snap-to-Vertices

Snap-to-vertexes (also known as *anchor points*, *agreement points*, *stitch points*, *edge-match points*, etc.) are vertexes that represent where data from one PSAP ends, and another begins.



**Incorrect**



*Road Centerline transitions across PSAP Boundaries are required for a seamless, statewide, routable network.*

**11:15 am  
11:30 am**

*The most Current Statewide Road Centerlines to use in snapping to neighbor PSAP Road Centerline data is downloadable on OKMAPS.org*

# WRAP UP

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- What is your plan moving forward within your local agency?
- What speedbumps or roadblocks do you currently have and how do you intend to overcome them?
- What speedbumps or roadblocks do you foresee in your near future and how do you intend to overcome them?
- Does your Swiss Army Knife have all its blades?  
*Verify all critical resources are listed & defined for each attendee.*
- Do you need more resources?
  
- Dates to know:
- Questions?



**11:30 am  
Noon**

## Dates To Know :

**January 1, 2026**

*Education on New Requirements*

**June 1, 2026**

*All PSAPS Shall be Uploaded to the State GIS NG911 Repository*

**July 1, 2026**

*Quarterly Updates Enforced*

**October 1, 2026**

*Address Standard 2.2 retired & 3 is mandatory*

**January 2, 2027**

*Version 3 Statewide Data Submitted*

## Oklahoma GIS NG911 Standards Workshop – ½ Day Workshop

Discuss Changes in the Standard and what changes will need to be made in the data to get it Standard / Toolkit complaint

### Oklahoma NG911 Standards Workshop

This workshop is designed to highlight the necessary changes in the State of Oklahoma's Geographic Information NG911 and Address Standard from version 2.2 to version 3.0. The workshop will focus on how these changes impact your data and daily workflow as well as how to successfully implement them into your current operations without breaking existing local requirements of your GIS/NG911 data. It will be a very interactive workshop where attendees are required to participate and take back valuable information to their respective PSAP.

#### Workshop Dates/Times & Locations

Jan. 27th - 8:00 A.M. – 12:00 P.M. Ada, OK

Feb. 19th - 8:00 A.M. – 12:00 P.M. Lawton, OK

Mar. 10th 8:00 A.M. – 12:00 P.M. Oklahoma City

Apr. 28th 8:00 A.M. – 12:00 P.M. Norman, OK (9-1-1 Coordinator Workshop)

June 2nd 8:00 A.M. – 12:00 P.M. Tulsa, OK

July 28th 1:00 P.M. – 5:00 P.M. Woodward, OK

*4 Hour Workshop Outline: (Goal – Successfully educate individuals on the changes within the State of Oklahoma's Geographic Information NG911 and Address Standard from version 2.2 to version 3.0 and help them implement them into their local workflow)*

Link To Workshop Material :

[https://oklahoma.gov/content/dam/ok/en/911/documents/psap/2026\\_NG911AddressStandardsWorkshop.pdf](https://oklahoma.gov/content/dam/ok/en/911/documents/psap/2026_NG911AddressStandardsWorkshop.pdf)

#### Workshop Agenda

- 8:00 - 8:10 am **Introductions**
- 8:10 – 8:30 am **Pre-Workshop Survey**
- 8:30 – 9:00 am **Swiss Army Knife**
- 9:00- 9:10 am **Reasons for the Standard Change**
- 9:10-9:30 am **Local Impacts Looking Upstream & Downstream of your data**
- 9:30-9:45 am **Refuel & Refresh**
- 9:45-10:30 am **Implementing changes moving forward**
- 10:30-10:45 am **PSAP Boundary Check Warning vs Error**
- 10:45-11:15 am **Types & Reasons For PSAP Boundary Changes**
- 11:15-11:30 am **Snap-To-Vertices**
- 11:30- noon **Wrap-up**



#### Dates to know

Jan 1, 2026	Education on New Requirements
Jun 1, 2026	All PSAPS Shall be Uploaded to the State GIS NG911 Repository
Jul 1, 2026	Quarterly Updates Enforced
Oct 1, 2026	Address Standard 2.2 retired & 3 is mandatory
Jan 2, 2027	Version 3 Statewide Data Submitted Questions?



# Oklahoma NG911 Standards Workshop

NG911 / GIS Assessment Survey Sheet

**(Attendee Turns In)**



<https://arcg.is/uzv1n0>

**HOMEWORK?**

Date : \_\_\_\_\_ Class Location: \_\_\_\_\_

Name : \_\_\_\_\_ PSAP: \_\_\_\_\_

**Do I currently maintain my GIS data in house or did I hire a contractor?**

*(If using a contractor which one is it & was it through a 911 Authority Grant?)*

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**Do I plan on maintaining my GIS data in house or through a contractor?**

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**How comfortable am I at maintaining & updating my NG911 / GIS Data? (Maintain vs Update)**

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**What is the process & schedule in updating my NG911 / GIS data?**

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**What role do I play in this entire process?**

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**How successful is this process & is it easily repeatable?**

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**What are my local current roadblocks or speedbumps?**

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**What is my local GIS data setup? (Default NG911 File Geodatabase / Extraction from larger SDE / Contractor)**

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## Local 3<sup>rd</sup> Party Integration Configuration Details

### **Call Taking Software**

*Individual Responsible for updating GIS Data:* \_\_\_\_\_

*Required GIS data format:* \_\_\_\_\_

*Update Process:* \_\_\_\_\_

*Update Schedule:* \_\_\_\_\_

*Notes:* \_\_\_\_\_

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### **Dispatching Software**

*Individual Responsible for updating GIS Data:* \_\_\_\_\_

*Required GIS data format:* \_\_\_\_\_

*Update Process:* \_\_\_\_\_

*Update Schedule:* \_\_\_\_\_

*Notes:* \_\_\_\_\_

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### **Other 3<sup>rd</sup> Party GIS Data Integration Software**

*Individual Responsible for updating GIS Data:* \_\_\_\_\_

*Required GIS data format:* \_\_\_\_\_

*Update Process:* \_\_\_\_\_

*Update Schedule:* \_\_\_\_\_

*Notes:* \_\_\_\_\_

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### **Current PSAP Upload / Neighbor Match Status**

*(June 1, 2026 – NG911 GIS Repository 1<sup>st</sup> Successful Data Upload Deadline)*

*Has my PSAP successfully submitted to the Repository?* \_\_\_\_\_

*When was the last time my PSAP successfully submitted to the Repository?* \_\_\_\_\_

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*Is my PSAP Boundary the Official State provided PSAP Boundary?* \_\_\_\_\_

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*Do my Road Centerlines enter & exit PSAP Boundary seamlessly at the Snap To Vertices between PSAP Boundaries?* \_\_\_\_\_

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*Notes:* \_\_\_\_\_

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