GIS Funding Standards – 2026 – Exhibit D

District III

Data Submission Requirements –

Data accuracy against two categories will be performed to determine qualification for funding: NG9-1-1 GIS Data Accuracy and ALI Standardization. Data submissions must also be critical error free to receive funding.

NG911 GIS Data Accuracy

Definition: Submission of all required NG911 GIS Data layers including Road Centerlines, Site/Structure Address Points*, Emergency Service Boundaries (Fire, LE, EMS), Provisioning (Authoritative) Boundary**, ALI and MSAG*** that meets the requirements of the NENA NGGIS Standard.

*where available
**provisioning boundary polygons must be provided by GeoComm; all local data must be realigned to provisioning boundary polygon provided by GeoComm.
**MSAG only required for PSAPs that have not transitioned to TDMS/i3 geospatial call routing

Criteria: Overall GIS accuracy at or above 98% and submission of all required data layers.

ALI Standardization

Definition: The process of standardizing the road names and their elements in the ALI database prior transitioning to NG911 call routing where the GIS road centerline is used to create a GIS based MSAG for call routing through TDMS.

Additional Information: It is typical for an ALI and MSAG to contain short forms of road names and their elements that do not meet the NG911 standards (e.g. AV – instead of AVE, 1 ST – instead of 1ST ST) each PSAP should focus on standardizing their ALI and MSAG to contain the official street names instead of the short formats. This will require a mass update of the ALI and MSAG through Intrado to ensure no wireline 911 calls are alienated and unable to be routed to the appropriate PSAP.

Criteria: ALI Synchronization to GIS Road Centerline accuracy rate of 98% or above.

Critical Errors

Definition: Critical errors in the GIS data will prevent GIS datasets from being provisioned to the statewide geodatabase for NG9-1-1 call routing and to TDMS.

Additional Information: All errors identified as critical are identified as such in the GIS Data Summary Report under the Analytics tab within GIS Data Hub each time the GIS data undergoes QC. The following are critical errors:

- Acceptable Values in all data layers [*formerly identified as: Value Outside Domain (mandatory fields)]*
- Address Range Overlaps
- Duplicate Values [*formerly identified as: Site/Structure Address Point Duplicates*]
- Empty Geometry in all data layers
- Features Outside of Polygon (Road Centerlines and Site/Structure Address Points [*formerly known as: Roads not covered by Provisioning Boundary and Site/Structure Address Points not covered by Provisioning Boundary*]
- Road Centerline features broken a Polygon (PSAP and Provisioning Boundary)
- Globally Unique ID in all data layers [*formerly identified as Duplicate Unique IDs*]
- Multipart Geometry (RCL) [*formerly known as Multi-part Geometry*]
- Null Value in Field in all mandatory fields [*formerly known as No Value (mandatory fields)*]
- Polygon Compare (Overhangs) [*formerly known as: Boundary must cover Provisioning Boundary*]
- Polygon overlap check [*formerly known as: Polygon overlaps*]

Criteria: Zero Critical Errors

<u>One-Time Cleanup</u>

In acknowledgement of the work required to get the GIS data to the level required, funding will be provided once for a one-time cleanup of the data to get the county's data into the <u>NENA NG9-1-1 GIS data standard</u> and accuracy to a minimum of 98% for both overall GIS accuracy with submission of all required data layers and ALI synchronization to GIS Road Centerline.

Data must also be critical error free as noted above to meet the benchmark for the one-time cleanup funding. Payments will be made upon verification of the benchmarks as indicated in the chart below:

- All required NG9-1-1 GIS Data Layer **<u>must</u>** be submitted
- All NG9-1-1 GIS Data Layers **<u>must</u>** contain all fields required or conditional within the NENA NG9-1-1 GIS data model
- The ALI to Road Centerline synchronization **<u>must</u>** be 98% or higher
- The GIS data **<u>must</u>** be critical error free and be 98% or higher

See below tables for counties covered by District III:

District III – ONE TIME CLEANUP	
Aurora	$3,000
Bennett	$3,000
Bon Homme	$3,000
Brule	$3,000
Buffalo	$3,000
Davison	$5,000

Gregory	$3,000
Haakon	$3,000
Hanson	$3,000
Hughes	$10,000
Hutchinson	$3,000
Hyde	$10,000
Jackson	$3,000
Jerauld	$3,000
Jones	$10,000
Lyman	$3,000
Mellette	$3,000
Sanborn	$3,000
Stanely	$10,000
Sully	$10,000
Tripp	$3,000
Yankton	$5,000
Total	**$105,000**

District III – ONE TIME CLEANUP (Additional)	
Lawrence	$20,000
McCook	$2,500
Union	$2,500
Total	**$25,000**

Quarterly Uploads

Definition: South Dakota NG 911 GIS data is now a critical component of the South Dakota 911 System. Updated GIS information is imperative for correct call routing. To incentivize providing updated GIS information, funding dollars will be paid at the beginning of the quarter for the previous quarter upon validation the criteria have been met. Billing may also occur bi-yearly.

Criteria: NG911 GIS Data meeting all the above benchmarks, uploaded quarterly.

Data uploads meeting all criteria will be reimbursed quarterly during the year. A minimum of 4 data submissions, once each quarter will result in $600 per quarter (except for Davison, Hughes, Lawrence and Yankton Counties at $1,200) be awarded for all criteria being met. If all criteria are met every quarter, a total $2,400 will be paid for the year for the counties listed below and $4,800 for Davison, Hughes, Lawrence and Yankton Counties.

District III	Annual	Quarterly
Aurora	$2,400	$600
Bennett	$2,400	$600
Bon Homme	$2,400	$600
Brule	$2,400	$600
Buffalo	$2,400	$600
Clay	$2,400	$600
Davison	$4,800	$1,200
Gregory	$2,400	$600
Haakon	$2,400	$600
Hanson	$2,400	$600
Hughes	$4,800	$1,200
Hutchinson	$2,400	$600
Hyde	$2,400	$600
Jackson	$2,400	$600
Jerauld	$2,400	$600
Jones	$2,400	$600
Lawrence	$4,800	$1,200
Lyman	$2,400	$600
McCook	$2,400	$600
Mellette	$2,400	$600
Sanborn	$2,400	$600
Stanley	$2,400	$600
Sully	$2,400	$600
Tripp	$2,400	$600
Union	$2,400	$600
Yankton	$4,800	$1,200
Total	**$72,000**	**$18,000**

Payments at the beginning of the following quarter are based on the criteria being met. If the benchmarks during a particular quarter are not met, there will not be any compensation for that quarter, however you are still eligible the following quarter if the benchmarks are met for that quarter.

Counties should review the most recent QA/QC report which will give counties an idea of where they currently stand. The updated QA/QC report will be provided monthly. *(If your county's row contains an "N/A" this indicates that state GIS aggregation provider has not received data sets to run for QA/QC or ALI/MSAG synchronization.)*

Please ensure this information is reviewed among the county staff, GIS Data Provider and PSAP Manager so all parties understand the importance of the requirements to receive funding. State contract GIS aggregator is available to assist each county with guidance on meeting the benchmarks.