

SECRETARY'S RECORD, NEBRASKA PUBLIC SERVICE COMMISSION

BEFORE THE NEBRASKA PUBLIC SERVICE COMMISSION

In the Matter of the Commission,) Application No. 911-061/
on its own motion, seeking to) PI-192
investigate and review funding,)
standards and policies relating) ORDER OPENING DOCKET,
to Geographic Information) SEEKING COMMENT AND
Systems data necessary for the) SCHEDULING WORKSHOP
provision of Next Generation 911)
service.)
) Entered: March 21, 2017

BY THE COMMISSION:

The Nebraska Public Service Commission ("Commission") opens the present docket on its own motion, seeking to investigate and review funding, standards and policies relating to Geographic Information Systems (GIS) Data necessary for the provision of Next-Generation 911 (NG9-1-1) service.

Pursuant to the 911 Service System Act, the Commission has been designated as the coordinating authority responsible for statewide planning, implementation, coordination, funding assistance, deployment, and management and maintenance of the 911 service system in Nebraska, including NG9-1-1 service.¹

Accurate and timely GIS data is essential for an effective 9-1-1 system. For NG9-1-1 service, GIS data must be highly consistent across the state, standardized, normalized and constantly updated and maintained. In an effort to better define technical standards, policies, system requirements, funding priorities relating to GIS data, the Commission seeks comment on the following from all interested parties:

1. National Emergency Number Association (NENA) standards provide that certain GSA data layers, such as street centerline, PSAP boundaries and emergency service boundaries are designated as "core" or required data layers, while other GIS data layers, such as address points, cell site and sectors, and state, county and municipal boundaries are designated as "highly recommended" under NENA standards.²

Should the Commission prioritize funding of the NENA core layers over recommended layers?

¹ Neb. Rev. Stat. §§ 86-1001 to 86-1030.

² NENA Standard for NG9-1-1 GIS Data Model, NENA-STA-006.1-201X (DRAFT)

2. The forthcoming NENA standard for NG9-1-1 GIS data will "strongly advise" PSAPS to go through the process of standardizing and synchronizing existing GIS data with the Master Street Address Guide (MSAG) to a 98% or greater match rate (with optional ALI matching) before using GIS data for NG9-1-1.³
 - a. What tools and/or vendors are available to provide such matching services?
 - b. Should the Commission prioritize funding for PSAPs to synchronize their MSAG and GIS data by paying for such matching outside the 911-SAM funding model?
 - c. Should the Commission issue a statewide Request for Proposal (RFP) for MSAG and GIS matching services?
 - d. Should any such RFP also include quality assurance and quality control (QA/QC) services to validate the MSAG/GIS match?
3. Traditionally, the Commission has provided funding for third party GIS services to PSAPs from only two vendors, GIS Workshop and GeoComm.
 - a. Should the Commission make available funding for PSAPs to contract with additional third party GIS vendors?
 - b. Should the Commission issue an RFP to identify other reputable third-party GIS vendors?
 - c. What minimum standards should the Commission include in any such RFP for third-party GIS services?
4. Traditionally, the Commission has provided funding for in-house GIS personnel only to the PSAPs in Douglas, Lancaster and Sarpy counties.⁴
 - a. Should the Commission make funding available for in-house GIS personnel to all PSAPs?
 - b. If so, what minimum qualifications, if any, should a PSAP's GIS personnel have before being approved for such funding by the Commission?
 - c. Should such funding be available for both employees and independent contractors?

³ *Id.*

⁴ In the Matter of the Nebraska Public Service Commission, on its own motion, to implement provisions of LB 1222 [2006] and to establish a permanent funding mechanism for wireless enhanced 911 service, Application No. 911-019/PI-118, PROGRESSION ORDER NO. 1 (April 6, 2010).

5. The Nebraska Information Technology Commission GIS Council has adopted Standards and Guidelines for GIS data applicable to all state government agencies, state funded entities, and public entities in Nebraska (NITC Standards and Guidelines).⁵

Should the Commission require that GIS data used in connection with the 911 service system in Nebraska be in compliance with the NITC Standards and Guidelines?

6. Please comment as to any other issues that the Commission should address with respect to GIS data for the Nebraska 911 service system.

Interested parties providing comment should include justification for their stated position and to the extent available the necessary steps and estimated costs involved in the development of the data.]

All interested parties should file comments on the above-listed issues with the Commission **on or before April 20, 2017 at 3:00 p.m.** All parties filing comments should file one original and five (5) paper copies and email one electronic copy to matt.effken@nebraska.gov and brandy.zierott@nebraska.gov.

The Commission finds that a workshop should be scheduled to further explore the above-referenced issues. Therefore, a workshop is scheduled for **April 26, 2017 at 10:00 a.m. CDT** in the Commission Hearing Room at 1200 N Street, Suite 300, Lincoln, Nebraska.

O R D E R

IT IS THEREFORE ORDERED by the Nebraska Public Service Commission that the above-captioned docket be, and it is hereby, opened seeking to investigate and review technical standards, policies, system requirements and funding priorities relating to Geographic Information Systems (GIS) Data necessary for the provision of NG9-1-1 service.

IT IS FURTHER ORDERED that all interested parties should file comments on the above-listed issues with the Commission **on or before April 20, 2017 at 5:00 p.m.** All parties filing comments should file one original and five (5) paper copies and

⁵ <http://nitc.nebraska.gov/standards/index.html#3>

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email one electronic copy to matt.effken@nebraska.gov and brandy.zierott@nebraska.gov.

IT IS FURTHER ORDERED that a workshop is scheduled for **April 26, 2017 at 10:00 a.m. CDT** in the Commission Hearing Room at 1200 N Street, Suite 300, Lincoln, Nebraska.

MADE AND ENTERED at Lincoln, Nebraska, this 21st day of March, 2017.

NEBRASKA PUBLIC SERVICE COMMISSION

COMMISSIONERS CONCURRING:

Mary Ridd
Crystal Snodgrass
Frank E. Landis

Tim Schram
Chairman

ATTEST:

Sebbey L. Riley
Executive Director

//s//Frank E. Landis
//s//Tim Schram