

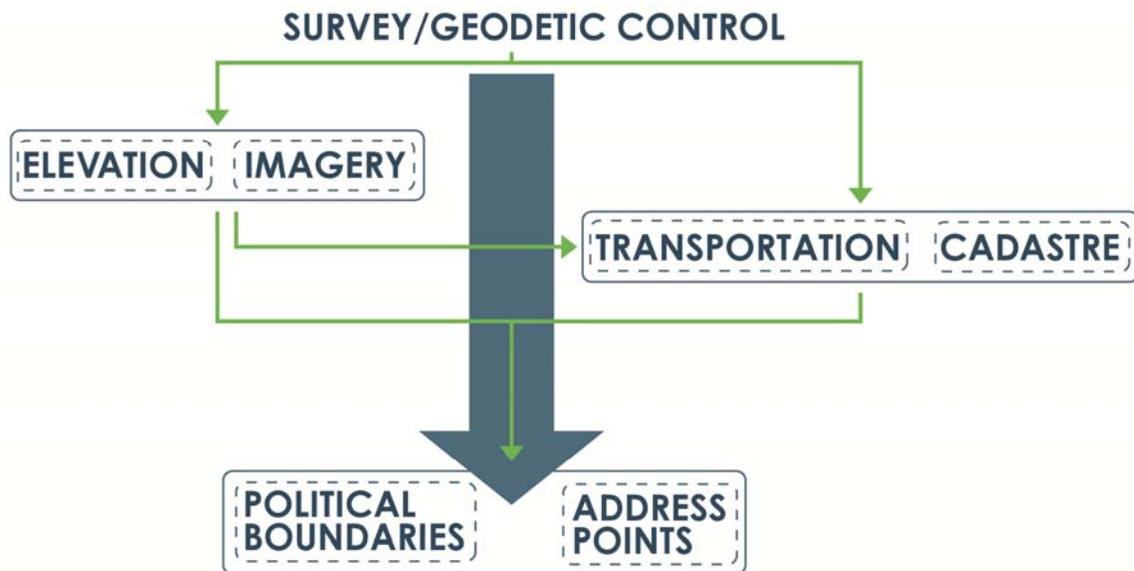
December 5, 2013

To: NITC Commissioners
From: Nathan Watermeier, State GIS Coordinator
Mike Preston, Chair, GIS Council
Josh Lear, Vice-Chair, GIS Council
Subject: GIS Council Report

Next Generation 9-1-1 and the Nebraska Spatial Data Infrastructure (NESDI)

Nebraska Legislative action prompted a new bill (LB 595) in 2013 to study the implications, costs, and necessary components for the development and implementation for a statewide Next Generation (NG9-1-1) program. Through an RFP process, the Public Service Commission selected a vendor, Mission Critical Partners (MCP), to conduct the study. The study is being conducted between September 2013 through January 2014. A draft report will be delivered to the Public Service Commission January 31, 2013 and a final report to the Transportation and Telecommunications Committee the first week of April 2014.

A key component to NG9-1-1 is GIS and geospatial data. Members of the GIS Council and the Street Centerline Address Geodatabase Working Group are working on related spatial data efforts that benefits NG9-1-1 prior to the bill and study. Many of the priority Nebraska Spatial Data Infrastructure (NESDI) contribute to the success of NG9-1-1 and are illustrated in the following figure. The GIS Council is independently assessing the status of the current data layers and needs for NG9-1-1. A recent [summary](#) report was compiled on the current status of several NESDI priority data layers. One of the primary ingredients will be to develop a statewide point address database. This does not currently exist. Efforts of the current E 9-1-1 has created preliminary street centerline data by county but there is no seamless street centerline database to support NG9-1-1 at this time. There are recommended national standards through the National Emergency Number Association (NENA) to develop this data.



The working group developed a survey mid-year with expectations to go out to PSAPs to inventory their current geospatial data and GIS capabilities. This started out as a national and state effort through the National States Geographic Information Council (NSGIC), other states, and the NITC GIS Council. The State GIS Coordinator is a member of the NSGIC NG9-1-1 and addressing working group that helped facilitate the development of the survey. The survey questions were incorporated into the data collection process by MCP. Rather than being sent out online to be completed, the data collected was conducted either through phone conversations and/or face to face meetings across the state by MCP. A summary of the findings are being organized by MCP and will be provided at a later date.

The Street Centerline Address Geodatabase Working Group has already drafted database schemas in relationship to both a state wide street centerline and address point database that not only meets NENA standards but other needs of the data beyond NG9-1-1.

Business Plans

Business plans are nearing completion for imagery, elevation, land records, street centerline and address geodatabase, and NebraskaMAP. An inventory and assessment of various NESDI data layers started in August to collect pertinent information to support the NESDI and needs for the business plans. Projected costs were recently completed in the last month. With the advent of the NG9-1-1 study, a significant discussion surfaced about the relationship between various NESDI framework layers and how they would work together. This prompted two new action items at the last GIS Council meeting to gather information for the business plans.

Membership

Action: Approve nomination of Todd Whitfield, Lamp, Ryneerson and Associates, Inc. to fill At Large (industry) GIS Council seat.

The GIS Council recommends to the NITC Commissioners that Todd Whitfield, Lamp, Ryneerson and Associates, Inc. be selected for the NITC for the At Large (industry) GIS Council seat.

At the April 19th meeting of the Nebraska Information Technology Commission (NITC) meeting, the commission moved to designate an "At-Large" seat for private industry on the GIS Council. At the May 1st, GIS Council meeting, a committee was established to identify qualified candidates for this seat and to make a recommendation to the NITC. The nomination committee established criteria for the seat, which was approved by the council at the June council meeting and solicitations were sent out to various private industry sector constituencies seeking nominations. The nomination was closed on July 19th.

The committee received two nominations for the At Large Council seat, Chad Kudym from Beehive Industries and Todd Whitfield from Lamp, Ryneerson and Associates, Inc. The committee used a selection process to identify the best candidate from the two nominations. The selection process was approved by the NITC at the July 31st commission meeting. The process included an evaluation worksheet for use by committee members to rank the candidates. A follow-up conference call was conducted on August 21st for further discussion the committee members. The nominations committee set a target date for final recommendations of Monday, August 26th. The final vote count was 5 votes for Todd Whitfield, 2 votes for Chad Kudym, with one inconclusive vote.