

March 20, 2015

To: NITC Commissioners

From: Nathan Watermeier, State GIS Coordinator
Bill Wehling, Chair, GIS Council
Tim Cielocha, Vice-Chair, GIS Council

Subject: GIS Council Report

Approval of Standards

Action: Approve NITC 3-205 Street Centerline Standards

Technical Panel Recommendation: Approve
GIS Council Recommendation: Approve

There are multiple uses for street centerline data. These requirements will enable the data to be integrated not only with Next Generation 9-1-1 (NG9-1-1) but with existing state road network databases, routing services, emergency management, and public safety.

This standard provides requirements necessary for the creation, development, delivery, and maintenance of street centerline data to support a statewide Nebraska Street Centerline Database (NSCD). The database provides spatial location of a seamless road network including information tied to that location with appropriate attribute data. The standard provides a consistent structure for data producers and users to ensure compatibility of datasets within the same framework layer and when used between other Nebraska Spatial Data Infrastructure (NESDI) framework layers such as address points, parcels and administrative/political boundaries.

These standards can be used at local, state and federal level to ensure interdisciplinary compatibility and interoperability with other databases. These standards integrate with existing standards such as the US Federal Highways, National Emergency Number Association (NENA), U.S. Postal Service (USPS) Addressing Standard, and other NITC related standards. These standards have completed two public comment periods. No comments were received through the recent 30-day public review process initiated by the Technical Panel.

Action: Approve NITC 3-206 Address Standards

Technical Panel Recommendation: Approve
GIS Council Recommendation: Approve

There are multiple uses for address point data. These requirements will enable the data to be integrated not only with Next Generation 9-1-1 (NG9-1-1) but with existing state address databases, routing services, emergency management, public safety, tax assessment, and the state's enterprise geocoding application databases.

This standard provides requirements necessary for the creation, development, delivery, and maintenance of address point data to support a statewide Nebraska Address Database (NAD). The address database provides the spatial location and information tied to that location with appropriate attribute data. The standard provides a consistent structure for data producers and users to ensure compatibility of datasets

within the same framework layer and when used between other Nebraska Spatial Data Infrastructure (NESDI) framework layers such as street centerlines and parcels.

These standards can be used at local, state and federal level to ensure interdisciplinary compatibility and interoperability with other databases. These standards integrate with existing standards such as the National Emergency Number Association (NENA), Federal Geographic Data Committee (FGDC), U.S. Postal Service (USPS) Addressing Standard, and other NITC related standards. These standards have completed two public comment periods. No comments were received through the recent 30-day public review process initiated by the Technical Panel.

Membership

One of the Nebraska Association of County Officials (NACO) seat was vacated in November 2014. NACO has nominated, Todd Wiltgen, Lancaster County Commissioner, for this replacement and is awaiting Governor's approval. By statute, this seat is nominated by NACO and appointed by the Governor. The NITC does not provide further nomination for NACO.

Strategic Initiative Update

Elevation – The Elevation Business Plan has been presented to the GIS Council. Follow-up discussions and potential approval for this business plan is expected at the March 26 meeting. Once approved it will move to the NITC for review and discussion. The working group was awarded a LiDAR acquisition contract through the new United States Geological Survey (USGS) 3D Elevation Program in late 2014. The proposal covers almost a 4,500 square mile area in western Nebraska that abuts Colorado and Wyoming. The estimate for the project is \$1 million with USGS providing up to 50% match. The project will be awarded as soon as the remainder of the 50% match from other partners has been defined. These partners include local Natural Resource Districts (NRD), State agencies, and the Natural Resources Conservation Service (NRCS).

Land Records – Several OCIO members met with County Assessors in North Platte in late January. A draft development, implementation and maintenance plan is being developed as the next steps and processes involved for the state to acquire data.

NebraskaMAP - An updated inventory of the various geospatial data holdings have been completed. Some of the datasets required having their metadata updated prior to being made available for consumption. These datasets currently reside on the OCIO Cloud Services network and are shared through secure file services among many state agencies. The recent statewide 2014 NAIP imagery has been cached and made available to many agencies. A new open source platform is being evaluated to support the cataloging and sharing of data to the public through a new NebraskaMAP interface. A timeline is currently being discussed for the development and release of an infrastructure and public facing web site. The expectation is for a release later in 2015.