

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Regional West Medical Center-Education Center
4021 Avenue B, Scottsbluff, Nebraska
Thursday, July 14, 2016, 10:00 a.m. (Mountain Time)

MINUTES

MEMBERS PRESENT:

Ed Toner, Chief Information Officer, Chair
Senator Curt Friesen, Nebraska Legislature
Shane Greckel, Greckel Farms, LLC
Dr. Terry Haack, Bennington Public Schools
Dorest Harvey, US Strategic Command/J84
Randy Meininger, City of Scottsbluff
Dan Spray, Precision Technologies, Inc.
Gary Warren, Hamilton Telecommunications
Walter Weir, University of Nebraska

MEMBERS ABSENT: Dan Shundoff, Intellicom

ROLL CALL, NOTICE OF MEETING & OPEN MEETINGS ACT INFORMATION

The meeting was called to order at 10:14 a.m. Roll call was taken. A quorum was present. The meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on June 23, 2016. The agenda was posted to the NITC website on July 8, 2016. A copy of the Nebraska Open Meetings Act was located on the table at the back of the room.

NEW COMMISSIONER INTRODUCTIONS

Commissioners Shane Greckel and Dan Spray introduced themselves to the Commission.

APPROVAL OF MARCH 10, 2016 MINUTES

Commissioner Harvey moved to approve the March 10, 2016 meeting minutes. Commissioner Meininger seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Meininger-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

REPORTS AND ACTION ITEMS FROM THE COUNCILS AND TECHNICAL PANEL

STATE GOVERNMENT COUNCIL

Ed Toner reported on the CIO Roadmap. The roadmap is available on the OCIO website and lays out the OCIO's priorities, mission, and values. Major initiatives have been occurring across the state to better achieve security, consolidation, and availability.

Phase I of the Resources IT Consolidation is almost complete. The OCIO surveyed everyone in state government regarding their IT tasks and job duties in each agencies. The Office of the CIO worked with agency HR staff to evaluate the positions for the IT consolidation under the OCIO working group. Mr. Toner attended the first staff meeting and the morale was high. The group is working together collaboratively. Not all of the consolidation staff are physically located in the Office of the CIO. Some positions are still housed at their agency. The OCIO is continuing to meet with agencies to discuss server consolidation under the OCIO.

Mr. Toner also commented on the data center consolidation effort and the regional support center concept.

Mr. Toner indicated that the roadmap timelines are aggressive but the OCIO leadership and their team members have been meeting the timelines. Commissioners commended Mr. Toner for his efforts.

COMMUNITY COUNCIL

Anne Byers, eHealth and Community Information Technology Manager, provided an update on broadband-related activities.

Updated Broadband Map. The Nebraska Public Service Commission (PSC) with assistance from the Office of the CIO has updated the broadband mapping website (broadbandmap.nebraska.gov). The map shows the rapid deployment of broadband technologies between 2010 and 2015. The increased deployment of fiber-based broadband is particularly noteworthy.

Nebraska Broadband Today Conference. Approximately 160 community leaders, resource providers, and telecommunications providers attended the Nebraska Broadband Today conference on May 24 at the Cornhusker Marriott in Lincoln. The conference was sponsored by the Nebraska Telecommunications Association in partnership with the Nebraska Broadband Initiative. Scholarships for community members were provided by the University of Nebraska Rural Futures Institute.

Nebraska Rural Poll Report on Broadband. The University of Nebraska-Lincoln's Nebraska Rural Poll included several questions on broadband. Eighty-two percent of rural Nebraskans subscribe to broadband at home, and 70 percent of rural Nebraskans access the Internet using their cell phones according to a new report by the Institute of Agriculture and Natural Resources at the University of Nebraska Lincoln. The report is available at <http://ruralpoll.unl.edu/pdf/16broadband.pdf>.

Meeting with Ponca Technology Committee. On June 23, Tom Rolfes and Anne Byers from the NITC, along with Gene Hand, Cullen Robbins, and Jeff Pursley from the Public Service Commission, traveled to Ponca, Nebraska to meet with members of the Ponca technology committee. Representatives of Great Plains Communications also attended. Committee members and representatives of Great Plains discussed issues about broadband service in Ponca and began working on steps to resolve those issues.

Nebraska Broadband Today Newsletter. The NITC Community Council has started publishing a bimonthly newsletter to share broadband success stories and resources. We currently have about 50 subscribers and received about 200 clicks on the newsletter. A copy of the first issue is included in the meeting materials. The May/June issue is also available at <http://goo.gl/Vt921N>.

Social Media Campaign. The Community Council started a social media campaign to share broadband success stories and resources in April. The Community Council Twitter account has earned 2,000-9,000 impressions (the number of times users saw the tweet on Twitter) per month. Ms. Byers invited Commissioners to follow the Community Council on social media:
Twitter: @NITCcommunity1 and Facebook: <https://www.facebook.com/NITCcommunity/>

Commissioners discussed broadband availability. Although there have been tremendous improvements in broadband availability, there are still areas of Nebraska that are underserved. Commissioner Greckel expressed concerns about broadband connectivity in rural locations. Rather than looking at the percent of population served, it may be helpful to look at percent of land mass covered. Commissioner Greckel relies on technology for his agriculture operation but often times the connectivity is not there. Mr. Toner stated that the last mile has always been an issue. Commissioner Spray commented that on the industry side access to fiber would be beneficial. If the state could assist in providing the fiber, it would be of benefit to the citizens of smaller rural communities. After discussion, Mr. Toner recommended that Mrs. Byers and Mr. Rolfes work together to provide additional information on broadband funding and policies for the Commissioners. It was suggested to have the Public Service Commission attend the next NITC meeting. The legislature is planning an interim study on telecommunications later this year.

REPORT - EHEALTH COUNCIL

Anne Byers, eHealth and Community Information Technology Manager

Ms. Byers gave an update on the Advance Interoperable Health IT Services to Support Health Information Exchange Cooperative Agreement Project Overview. The Nebraska Information Technology Commission (NITC) received approximately \$2.7 million in funding on July 27, 2015 from the U.S. Department of Health and Human Services Office of the National Coordinator for Health Information Technology. The grant supports greater adoption of health information exchange and to help health care facilities integrate health information technology into their workflow. The NITC is partnering with the Nebraska Health Information Initiative (NeHII) and the University of Nebraska Medical Center (UNMC) on the grant.

Overall, implementation is going well, but there have been some delays. Although the grant team has experienced delays due to NeHII's migration to the new HIE 2.0 platform, delays and roadblocks in working with Critical Access Hospitals (very small rural hospitals) and their electronic health record (EHR) vendors have been a bigger issue. Some Critical Access Hospitals are finding that their EHR vendors are charging exorbitant interface fees. One Critical Access Hospital has decided to implement a new EHR system and can't begin implementation with NeHII until after the grant period. A couple have had new CEOs come on board who are now rethinking the decision to participate. NeHII has been documenting these challenges and has shared them with the Office of the National Coordinator (ONC). Other states are also experiencing similar challenges. As an alternative approach, NeHII will be contacting Federally Qualified Health Centers to see if they are interested in participating. ONC is on board with including Federally Qualified Health Centers.

EDUCATION COUNCIL REPORT

Tom Rolfes, Education IT Manager

Membership*. Every two years, the Council members come up for renewal of membership terms. In addition, two members have resigned and are being replaced by Tom Peters and Alan Moore. Commissioner Haack recognized Randy Schmailzl for his contributions and work on the Education Council.

The Education Council members would like to nominate the following higher education representatives to serve on the council for the 2016-18 term:

- Mary Niemiec, representing the University of Nebraska System
- Greg Maschman, representing Independent Colleges & Universities
- Tom Peters (pro tem), representing Community College System
- John Dunning, representing the Nebraska State College System

The Education Council members would like to nominate the following K-12 representatives to serve on the council for the 2016-18 term:

- Gary Needham, representing Educational Service Units
- Dan Hoelsing, representing Administrators
- Alan Moore, representing School Board Members
- Burke Brown, representing Public Teachers

Commissioner Warren moved to approve the Education Council's membership nominations. Commissioner Haack seconded. Roll call vote: Harvey-Yes, Meininger-Yes, Spray-Yes, Warren-Yes, Weir-Yes, Toner-Yes, Greckel-(out of room at time of voting), and Haack-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Network Nebraska and Digital Education Updates. The Education Council has developed action items for Network Nebraska and Digital Education Strategic Initiative. Network Nebraska, along with the University of Nebraska team, is working with vendors to upgrade circuits for 245 school districts. South Platte Public Schools has joined the network so the project is now at 100% participation of public school districts. All circuit upgrades are scheduled to be in place by August 5. Mr. Toner commended Mr. Rolfes and Mr. Weir for their efforts with Network Nebraska.

GIS COUNCIL REPORT

Bill Wehling, Department of Roads

Membership Update. There are four GIS Council seats up for renewal in September 2016. These seats include Public Power Districts, Lincoln Metro, Nebraska geospatial professional association, and one Member at Large. The GIS Council nomination and selection committee provided notice in June that they are seeking nominations. The current member seat representatives were also notified to express interest if they wanted to be re-nominated. Specific selection criteria were used in the process that was in accordance with the GIS Council charter. The following candidates are the nominations coming forward from the GIS Council selection committee. The final appointments of these individuals are subject to approval by the Commission and appointed by the Governor.

The GIS Council would like to nominate the following slate of nominees to serve for a 3-year term on the GIS Council:

- Tim Cielocha of Nebraska Public Power District to fill Nebraska Public Power Districts GIS Council seat. Mr. Cielocha is also the current Chair of the GIS Council.
- Jeff McReynolds of the City of Lincoln/Lancaster County to fill the Lincoln Metro GIS Council seat.
- Lesli Rawlings of the Geographic Educators of Nebraska to fill the Nebraska geospatial professional association GIS Council seat.
- Todd Whitfield of Lamp Rynearson to fill the Member-At-Large GIS Council seat.

Commissioner Harvey moved to approve the GIS Council's membership nominations.

Commissioner Warren seconded. Roll call vote: Spray-Yes, Meininger-Yes, Harvey-Yes, Haack-(out of room at time of voting), Greckel-Yes, Toner-Yes, Weir-Yes, and Warren-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Nebraska Statewide Elevation Program. Nebraska has identified the collection of topographic (i.e., land surface, elevation) information as a priority and employs the Nebraska GIS Council's Elevation Working Group as a coordinating group for the effort. The group includes individuals representing federal, state and local entities. Since 2008, the group, its members, and partner agencies have worked to collect LiDAR data over more than 75% of Nebraska's land area.

LiDAR is an acronym for Light Detection and Ranging, a technology that is used in conjunction with GPS technology, an aerial collection platform, and a processing computer to collect data points that can be used to define the location of objects that reflect near infrared light, including the land surface, structures and vegetation.

The Elevation Working Group has outlined a plan earlier this year to complete the initial phase of the program. This involves collecting LiDAR over uncompleted areas of the state. This area encompasses the Sandhills region. Currently, the project has secured nearly \$3.5 million in seed funding from federal, state and local partners. The remaining funding is contingent on additional support of local, state, and federal entities. The current federal partners include the Natural Resources Conservation Service (NRCS), U.S. National Forest Service, and the U.S. Geological Survey (USGS). State partners involve the Nebraska Department of Natural Resources, Nebraska Department of Roads, Nebraska Department of Environmental Quality, and the Office of the Chief Information Officer. Local partners include the Twin Platte Natural Resources District, Upper Elkhorn Natural Resources District, Upper Loup Natural Resources District, Upper Niobrara-White Natural Resources District, and the Lower Loup Natural Resources District.

Sandhills Project Area Metrics. The following are details about the current project area. All values are estimated and subject to change. The estimated unit cost of collection is anticipated to decrease somewhat during contracting.

Area = 18,111 square miles (the white area in the figure below)

Cost = \$4 to \$4.6 Million (depends on level of involvement for price break per square mile)

Benefit/Cost* = 5:1 for QL2 data, the project value is estimated at \$23,000,000.

**Reference:* Dewberry, 2011, Final report of the National Enhanced Elevation Assessment (revised 2012): Fairfax, Va., Dewberry, 84 p. plus appendixes, <http://www.dewberry.com/Consultants/GeospatialMapping/FinalReport-NationalEnhancedElevationAssessment>.

Other LiDAR Collection Projects include the following:

- South Platte Basin. The South Platte Basin project completed data flight acquisition in mid-April. This project covers approximately 4,500 square miles using \$1.3 million among several stakeholders including a 50% match from the USGS awarded in 2015. The project is contracted through USGS who contracts out for data collection and preparation of the data. They are currently processing all the data files for quality control measures. The final data deliverable is not due until early 2017.
- Omaha Metro Area. Partners in Douglas County, the City of Omaha, Sarpy County, the City of Fremont, the City of Blair, and the Papio-Missouri River Natural Resource District have received a 3DEP USGS matching grant to acquire high-resolution LiDAR data across 800+ square miles around the metropolitan Omaha area. This amounts to approximately \$230,000 in total cost. Data acquisition could begin as early as the fall of 2016.

NebraskaMAP – Data Sharing and Web Services Network

The new public facing NebraskaMAP (<http://www.NebraskaMAP.gov>) has been unveiled to state agencies to begin uploading their data sets and begin using the new web site. All state agencies that use geospatial data are working together to reduce duplicated datasets and streamline the data sharing process. This also involves accessing data in one sole location for the most current information. The basis for cataloging data and resources to include on NebraskaMAP require metadata. An initial set of data has been peer-reviewed by the NebraskaMAP Data Subcommittee and approved for being cataloged in the new system. There are more than 40 data resources involving more than 150 files that are currently available for public access. The next phase of the project is to partner with other data stewards who share public data through local and county governments and other political subdivisions. New modifications to the existing Metadata Standards (NITC 3-201) have been approved by the NITC Technical Panel and will need to have action by NITC. The changes to these standards include detailed documentation on definitions on minimum and complete metadata categories for use with creating and maintaining geospatial data. The web site will eventually include a component to provide an easier way to view and access available imagery, LiDAR and other raster and large file size datasets for Nebraska. This component is currently under development. NebraskaMAP is a product of the State of Nebraska Geospatial / GIS Enterprise platform that is currently underway through the OCIO Roadmap.

TECHNICAL PANEL REPORT

Walter Weir, Chair

Charter Amendments*. The panel has updated and revised the Technical Panel charter regarding membership, frequency of meeting and meeting procedures.

Commissioner Harvey moved to approve the Technical Panel charter amendments. Commissioner Warren seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-(out of room at time of voting), Harvey-Yes, Meininger-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Standards and Guidelines

Amendments to NITC 1-201 Agency Information Technology Plan*. The Office of the CIO would like to have the form available online this year.

Commissioner Spray moved to approve amendments to NITC 1-201 Agency IT Plan on-line form. Commissioner Harvey seconded. Roll call vote: Warren-Yes, Spray-Yes, Meininger-Yes, Harvey-Yes, Haack-(out of room at time of voting), Greckel-Yes, Toner-Yes, and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Amendments to NITC 1-202 Project Review Process*. The dates were amended to reflect the upcoming fiscal year.

Commissioner Warren moved to approve amendments to NITC 1-202 Commissioner Harvey seconded. Roll call vote: Weir-Yes, Warren-Yes, Spray-Yes, Meininger-Yes, Harvey-Yes, Haack-Yes, Greckel-Yes, and Toner-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

Amendments to NITC 3-201 Geospatial Metadata Standard*. The amendments includes metadata lite, metadata categories and definitions to provide clarity and timelines.

Commissioner Spray moved to approve the amendments to NITC 3-201 Geospatial Metadata Standard and Guideline. Commissioner Warren seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Meininger-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

Enterprise Projects

The approval of the closure of the Network Nebraska project was tabled until the next meeting. Network Nebraska has been a collaborative project between the Office of the CIO and the University of Nebraska.

Status Report. Mr. Weir provided the status report on enterprise projects. The Technical Panel and the NITC are charged with oversight of these enterprise projects. On the NITC website, there are lessons learned from closed projects.

Mr. Weir entertained questions from the Commissioners. Mr. Toner indicated that the status reports are self-reports from the agency.

INFORMATIONAL ITEMS

Ed Toner, Chief Information Officer

Update on Security Audits. The state has gone through multiple agency audits with a few recommendations. The state has redesigned this process and utilizing current tool.

Cyber Security Conference. The 2016 Nebraska Cyber Security Conference will be held on September 29, at Southeast Community College in Lincoln, Nebraska.

Cloud Computing Update. The State Government Council is in the process of developing cloud standards. The standard has been posted for the public 30-day comment. The Office of the CIO wants to provide guidance to agencies wanting to move to the cloud.

Office of the CIO. The Office of the CIO has created and filled two new positions. Annie King, Solution Architect, will assist and recommend overall architect solutions for state government and will be heavily involved with the CIO Road Map. Holly West has been hired as the OCIO Public Information Officer.

PRESENTATION: CITY OF SCOTTSBLUFF – PATHWAYS IN GIS

Commissioner Randy Meininger

Commissioner Meininger, along with representatives from the North Platte Natural Resources District, provided a presentation on their GIS efforts and initiatives. The presentation was followed by a tour of the Regional West Medical Center.

ADJOURNMENT

Commissioner Harvey moved to adjourn. Commissioner Spray seconded. All were in favor. Motion carried.

The meeting was adjourned at 1:39 p.m. The next meeting of the NITC will be held on November 10, 2016.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by the NITC IT Managers.