

**Nebraska Information Technology Commission
Meeting Agenda**

May 21, 2015
2:00pm

Main Site

Lincoln Executive Building
521 South 14th Street – Room 103
Lincoln, NE

Video Conference Sites

[Neb. Rev. Stat. § 84-1411(2)]

- University of Nebraska-Kearney
Communications Center Building
1918 University Drive
Kearney, NE

- Vocational Rehabilitation Services
505 Broadway #A131
Scottsbluff, NE

- | | |
|--------|--|
| 2:00pm | 1. Roll Call, Notice of Meeting & Open Meetings Act Information |
| | 2. Approval of Minutes - March 27, 2015* |
| | 3. Public Comment |
|
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| 2:15pm | 4. Statewide Technology Plan; Approval of Strategic Initiatives* |
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| 3:30pm | 5. Other Business |
|
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| 3:40pm | 6. Adjournment |

* Action item

The Nebraska Information Technology Commission will attempt to adhere to the sequence of the published agenda, but reserves the right to adjust the order of items if necessary and may elect to take action on any of the items listed.

Meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on May 4, 2015. The agenda was posted to the NITC website on May 12, 2015.

[Nebraska Open Meetings Act](#)

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Friday, March 27, 2015 at 9:00 a.m.

Governor's Residence, Lower Level Conference Room

1421 H Street, Lincoln, Nebraska

MINUTES

MEMBERS PRESENT:

Felix Davidson, Governor's Office, Chair
Brad Moline, Allo Communications
Senator Curt Friesen, Nebraska Legislature
Dr. Terry Haack, Bennington Public Schools
Dorest Harvey, USSTRACTCOM/AFLCMS-HBCC
Donna Hammack, Saint Elizabeth Foundation
Dan Shundoff, Intellicom
Gary Warren, Hamilton Telecommunications
Walter Weir, University of Nebraska

MEMBERS ABSENT: Randy Meininger, City of Scottsbluff

ROLL CALL, NOTICE OF MEETING & OPEN MEETINGS ACT INFORMATION

The meeting was called to order at 9:00 a.m. Roll call was taken. A quorum of eight voting members was present. The meeting notice was posted to the [NITC website](#) and the [Nebraska Public Meeting Calendar](#) on March 16, 2015. The agenda was posted to the NITC website on March 23, 2015. A copy of the [Nebraska Open Meetings Act](#) was available on a table in the back of the meeting room.

APPROVAL OF OCTOBER 28, 2014 MINUTES

Commissioner Weir moved to approve the **October 28, 2014** minutes as presented. Commissioner Haack seconded. Roll call vote: Davidson-Abstained, Haack-Yes, Hammack-Abstained, Harvey-Yes, Moline-Yes, Shundoff-Yes, Warren-Yes and Weir-Yes. Results: Yes-6, No-0, Abstained-2. Motion carried.

PUBLIC COMMENT

There was no public comment.

INTRODUCTIONS

Commissioners introduced themselves.

REPORTS FROM THE COUNCILS AND TECHNICAL PANEL

STATE GOVERNMENT COUNCIL

Rick Becker, I.T. Manager

IT Project Reviews and Recommendations. The [Recommendations on Technology Investments for the 2015-2017 Biennium Report](#) was submitted to the Legislature and Governor on November 15, 2014. After the report was submitted, the Office of the CIO was informed that there were six additional proposals. The councils and Technical Panel reviewed them. A supplemental report was submitted on December 22, 2014. Both reports are available on the NITC website.

Statewide Technology Plan – Timeline for Update. By statute, the Commission is responsible for updating the Statewide Technology Plan. The last update was done in December 2013 with revised action items for 2014-2016. The plan focuses on 9 strategic initiatives approved by the NITC. The initiatives are given to the Councils to develop action plans to accomplish the initiatives. The action plans are developed by the advisory groups and then reviewed by the Commission for approval. By group consensus, the Commission decided to have a special meeting to review and approve the NITC strategic initiatives. The Office of the CIO will poll the commissioners as

to their availability for video conferencing. Prior to the special meeting, the Commissioners requested the following:

- NITC staff's recommendations on the initiatives
- Barriers that have been experienced to accomplishing the initiatives
- Outcomes

Open Data Work Group. In 2014, Senator Mello introduced an Open Data bill that would require agencies to make their data more accessible to the public. The bill did not come out of committee. The State Government Council established a working group to review the issue and to work with the Senator's office on accomplishing the goals of the bill without the need for additional legislation.

COMMUNITY COUNCIL - REPORT

Anne Byers, Community I.T. Manager

Nebraska Broadband Initiative. The NITC Community Council has partnered with the Nebraska Public Service Commission, University of Nebraska-Lincoln, Nebraska Department of Economic Development, and AIM on a five-year broadband mapping and planning initiative. The grant ended in January 2015. An evaluation conducted by the Heartland Center for Leadership Development made the following recommendations:

- Continue the annual conference;
- Sustain collaboration among stakeholders, including providers;
- Maintain the mapping element;
- Find ways to continue youth engagement; and
- Maintain a public education strategy.

The Nebraska Broadband Initiative is discussing ways to continue the progress made through the grants:

- A new website (broadband.nebraska.gov) is scheduled to go live by March 20.
- Discussions are underway with the Nebraska Rural Futures Institute to include additional pre-sessions on broadband.
- Community Council members have been working with the Nebraska Library Commission to encourage libraries to offer youth coding opportunities.
- A workbook is being developed to help communities address broadband development.

Ms. Byers had a draft of the Community Workbook for the Commission. It was recommended to touch base with local chambers of commerce to educate them about the workbook.

Broadband Plan Update. The NTIA just updated the federal broadband map (broadbandmap.gov) with data from June 30, 2014. Updated information on our target measures can be found below:

Measure	Baseline-Data from December 31, 2013	Update-Data from June 30, 2014	2020 Target
% of population with broadband service of at least 25 Mbps down available	74.9%	79.3%	90%
% of population with broadband service of 1 gbps down available	11.5%	14.5%	25%

Nebraska ranked 10th in the availability of gigabit service and 38th in the availability of 25 Mbps service.

Membership*. Commissioners were given a written biography of Shonna Dorsey in the meeting materials. The Community Council recommended Shonna Dorsey's nomination as a member of the Community Council.

Commissioner Haack moved to approve the Community Council's nomination of Shonna Dorsey as a new council member. Commissioner Hammack seconded. Roll call vote: Weir-Yes, Warren-Yes, Shundoff-Yes, Moline-Yes, Harvey-Yes, Hammack-Yes, Haack-Yes, and Davidson-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

EHEALTH COUNCIL - REPORT

Anne Byers, eHealth Manager

E-Prescribing Controlled Substances Update. Nebraska is now a leader in e-prescribing controlled substances (EPCS). Nebraska ranks third in the nation for “prescriber readiness,” meaning that the prescriber is enabled and has sent EPCS within the last 30 days. As of February, Nebraska has 8.6% of the approximately 10,000 prescribers who have performed EPCS within the last 30 days. The national average is 3.2%. Nebraska ranks 8th in the nation for “pharmacy readiness,” defined as the pharmacy is enabled but may or may not have received an EPCS script. Of the 431 Nebraska pharmacies in the Surescripts system, 76% are EPCS enabled. The national average is 72%.

NeHII Update. NeHII now has approximately 4,400 users and data on over 2.9 million individuals. This spring NeHII has started working with Optum to migrate to a new platform which will enable additional functionality. NeHII has been working with the NDHHS Division of Medicaid and Long-term Care to obtain 90/10 matching funding for the support of meaningful use of health information. The Centers for Medicare and Medicaid Services has approved the contract with NeHII this week. Once the contract is signed, NeHII can start working with hospitals on their implementations.

Office of the National Coordinator - Funding Opportunity – Advanced Interoperable Health Information Technology Services*

In February, the Office of the National Coordinator for Health IT announced a new funding opportunity for states or state-designated entities to advance health information exchange. The NITC/Office of the CIO has been working with NeHII, the University of Nebraska Medical Center, and the DHHS Division of Public Health to develop a proposal. The primary goal of this grant proposal is to increase the adoption of health information exchange through NeHII by:

1. Bringing new facilities on-board the exchange with a specific focus on critical access hospitals/rural hospitals and long-term care facilities;
2. Providing assistance to new facilities with workflow analysis and use case based training on the use of NeHII;
3. Providing additional value-added functionality for existing participants, including a provider directory for direct secure e-mail, population analytics, and continuity of care document exchange; and
4. Implementing information exchange between neighboring states.

The application deadline is April 6, 2015. NeHII and other project partners are working on determining performance measures for the grant. Funding will only be released upon achieving performance measures. Commissioners expressed some concerns about the performance measures. The Office of the CIO's role is to assure that the State of the Nebraska is protected. When developed, Ms. Byers will send the Commissioners a draft of the performance standards.

A match is required and will be provided by in-kind staff time by NeHII.

Commissioner Moline moved to approve the eHealth Council's request to submit a grant to the Office of the National Coordinator. Commissioner Harvey seconded. Roll call vote: Harvey-Yes, Moline-Yes, Shundoff-Yes, Warren-Yes, Weir-Yes, Davidson-Yes, Haack-Yes, and Hammack-Yes. Results: Yes-6, No-0, Abstained-2. Motion carried.

Next Steps for eHealth Council. From 2010 to 2014, the eHealth Council was focused on administering the State HIE Cooperative Agreement. The eHealth Council met in November to discuss next steps. The council will meet again on March 30 to discuss the proposal for ONC funding. Sheri Dawson, Acting Director of the Division of Behavioral Health, has been invited to share information on the new behavioral health information system and how to address the exchange of behavioral health information.

EDUCATION COUNCIL

Tom Rolfes, Education I.T. Manager

The Education Council has met twice since the last NITC meeting.

Network Nebraska Education

Innovations in American Government Bright Idea. On March 17, 2015, the Ash Center for Democratic Governance and Innovation at the John F. Kennedy School of Government, Harvard University, recognized **Network Nebraska-Education** as part of the 2015 *Bright Ideas* program. This year's cohort includes 124 programs from all levels of government—school districts; county, city, state, and federal agencies; as well as public-private partnerships—that are at the forefront in innovative government action. Network Nebraska-Education began in 2006 as a Legislative initiative to interconnect the Nebraska schools and colleges on a single statewide network. Cooperatively managed by the State of Nebraska and University of Nebraska, membership has grown dramatically since its inception, the cost of telecommunications has decreased, and the project is now fully self-funded.

Financial Report. Mr. Rolfes reviewed the report detailing revenue and expenses from 2006-2014.

Public Service Commission Workshop. The Public Service Commissioners asked if Mr. Rolfes would provide a presentation on Network Nebraska. He provided a brief history on Network Nebraska and information on the current status, future development, e-Rate Modernization, and other community anchor institutions.

eRate Update. The FCC program that provides funding assistance to schools for telephone, transport and internet services is changing definitions and requirements. This will bring significant change for schools. Submission deadline is April 16. All districts are providing data for the application to the Office of the CIO. For Category 2 which provides internal connections, there is approximately \$56 million available for states. Network Nebraska has grown and is anticipating more demand. For Category 1 funding which provides the backbone, voice and internet, Nebraska's return is approximately \$2 million. The FCC has determined that funding for voice services will be gradually eliminated.

GIS COUNCIL - REPORT

Nathan Watermeier, GIS State Coordinator

Standards and Guidelines

NITC 3-205: Street Centerline Standards (New)*

Purpose: The purpose of this standard is to provide the necessary requirements for the creation, development, delivery, and maintenance of street centerline and address range data to support a statewide NSCD. These standards will help ensure that street centerline and address range data creation and development are current, consistent, accurate, publicly accessible, and cost effective.

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. Mr. Watermeier acknowledged the contributions and dedication of the GIS Council Work Group that assisted with the development of the standards.

Commissioner Warren moved to approve the NITC 3-205: Street Centerline Standards. Commissioner Moline seconded. Roll call vote: Warren-Yes, Shundoff-Yes, Moline-Yes, Harvey-Yes, Hammack-Yes, Haack-Yes, Davidson-Yes, and Weir-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

NITC 3-206: Address Standards (New)*

Purpose: The purpose of this standard is to provide the necessary requirements for the creation, development, delivery, and maintenance of address point data to support a statewide NAD (Nebraska Address Database). These standards will help ensure that address data creation and development are current, consistent, accurate, publicly accessible, and cost-effective.

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. This standard has completed two public comment periods. No comments were received through the recent 30-day public review process initiated by the Technical Panel.

Commissioner Hammack moved to approve the NITC 3-206: Address Standards. Commissioner Haack seconded. Roll call vote: Hammack-Yes, Harvey-Yes, Moline-Yes, Shundoff-Yes, Warren-Yes, Weir-Yes, Davidson-Yes, Haack-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

At the GIS Council meeting on March 26, members discussed non-compliance and what would warrant a waiver that would be submitted to the NITC.

NebraskaMAP. An updated inventory of the various geospatial data holdings has 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 website. The expectation is for a release later in 2015.

TECHNICAL PANEL

Walter Weir, Chair

Enterprise Projects - Status Report. An "Enterprise Project" is defined as "an endeavor undertaken by an enterprise over a fixed period of time using information technology, which would have a significant effect on a core business function or which affects multiple government programs, agencies, or institutions...." NEB. REV. STAT. § 86-506. The NITC uses this definition and the criteria set forth in the Enterprise Project policy to designate projects.

The Technical Panel monitors these projects and reports to the NITC. In addition, the panel has been developing "lessons learned." These are posted on the NITC website. The Technical has met twice since the NITC last met. Mr. Weir reviewed the enterprise project status report and opened the floor for comments.

Commissioner Haack stated that the math, science & reading tests will be coming up within the next few weeks and hopes that last year's issues do not repeat themselves. Kirk Langer, the Lincoln Public Technology Director,

serves on the Technical Panel and has been very involved. Lincoln Public Schools has been involved in the testing of the system. Commissioner Moline stated that the providers are very much aware of the traffic during online testing.

INFORMATIONAL UPDATES

Brenda Decker

RFP – Nebraska.gov. An RFP has been released for the state's Nebraska.gov website. The contract is held by the State Records Board. The OCIO was contracted to assist with the development of the RFP and vendor selection. The bids will be opened soon.

FirstNet State Consultation, March 18-19, 2015. The State of Nebraska received a \$1.5 million two-phase federal FirstNet grant. FirstNet is a public safety broadband project and will not replace the public safety radio system. The primary focus of phase 1 of the grant was to reach out to stakeholders and begin discussions about the project. The first State Consultation event was held in Kearney on March 18-19. Approximately 120 federal, state and local stakeholders discussed "how will FirstNet be implemented in the State of Nebraska." Part 2 of the project will involve gathering data from stakeholders. There is also a second consultation anticipated for each state. Within 90 days of receipt of the federal FirstNet plan, the Governor will need to determine if the State will accept the federal plan or build its own system. Bob Wilhelm was introduced as the Project Manager.

National Cyber Security Summit. On March 30-31, the National Governors Association Resource Center for State Cybersecurity is hosting a Summit on State Cybersecurity. Several representatives from each state have been invited. The Office of the CIO is sending Chris Hobbs, State Information Security Officer. Ms. Decker also reported that a group identified as Vikingdom2015 has been targeting state government networks. The State of Nebraska's network was down for approximately 20 minutes. Homeland Security and federal government agencies have assisted states.

State IT Spend Analysis

Felix Davidson, Governor's Office

Chair Davidson talked to the Commission about an initiative identifying the amount of money the State spends on IT. The information requested would include:

- Categorizing spending – software versus hardware versus service providers, etc.
- How are expenses coded
- Agencies spending
- Accounting systems are different for universities.

He asked Commissioners for their thoughts and feedback. The Commissioners agreed this would be valuable information as they completed their work. The staff will work with the State Budget office to collect the information and report out to the Commission.

ADJOURNMENT

Commissioner Haack moved to adjourn the meeting. Commissioner Weir seconded. Motion carried by unanimous voice vote.

The meeting was adjourned at 11:08 a.m.

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

NITC Strategic Initiatives

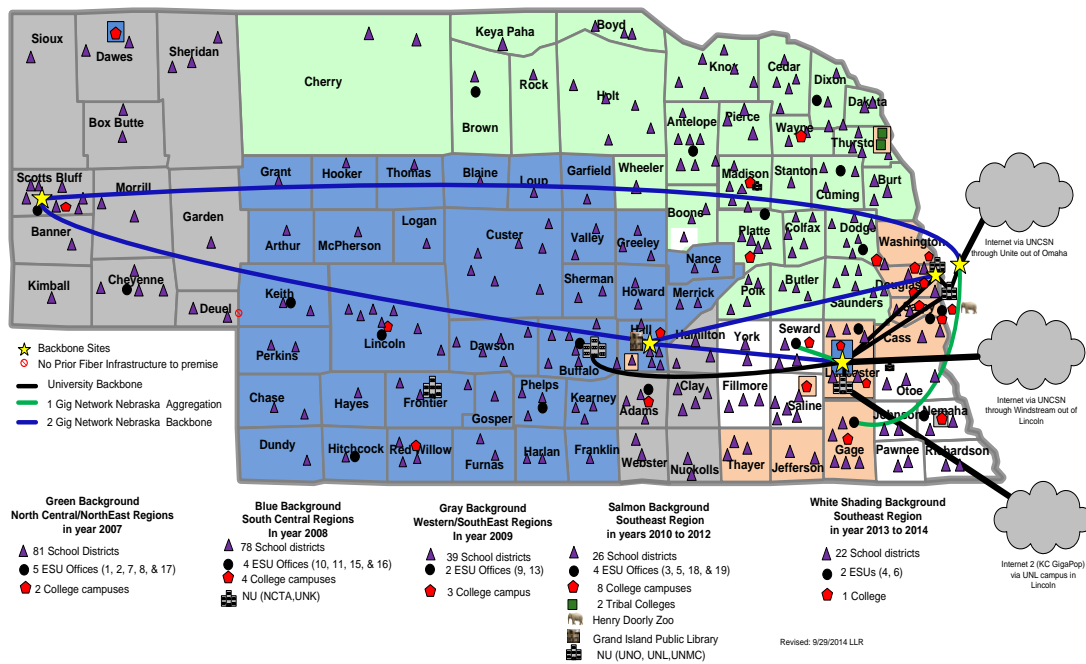
Overview and Staff Recommendations

Current Strategic Initiatives	Recommended Action	Proposed Strategic Initiatives
Network Nebraska	Continue	Network Nebraska
Community IT Planning and Development	Continue, but rename	Broadband-Related Development
eHealth	Continue	eHealth
Public Safety Communications System	Discontinue; Move related action items to State Government Efficiency	
Digital Education	Continue, but refocus	Digital Education
State Government Efficiency	Continue, but rename	State Government IT Strategy
E-Government	Discontinue; Move related action items to State Government Efficiency	
Nebraska Spatial Data Infrastructure (NESDI)	Continue	Nebraska Spatial Data Infrastructure (NESDI)
Security and Business Resumption	Continue	Security and Business Resumption
State IT Spending Analysis	New	State IT Spending Analysis

Network Nebraska

Objective: To develop a broadband, scalable telecommunications infrastructure that optimizes the quality of service to every public entity in the State of Nebraska.

Description: Network Nebraska interconnects disparate networks into a multipurpose core backbone extending from Omaha to Lincoln to Grand Island and Scottsbluff, with Ethernet clouds and aggregated Internet service extending out to the furthest corners of the state.



Collaborators:

- Collaborative Aggregation Partnership: Office of the CIO, University of Nebraska Computing Services Network, Nebraska Educational Telecommunications, Public Service Commission, Nebraska Department of Education, Nebraska Information Technology Commission
- Network Nebraska Advisory Group: 8 K-12 members; 8 higher education members
- Educational Service Unit (ESU) Coordinating Council, ESU-Network Operations Committee, ESU-Distance education Advisory Committee, higher education chief technology officers

Recent Accomplishments:

- Increased public school district participation to 99.6% starting 7/1/2015
- Public higher education participation at 100% by 7/1/2012
- Achieved one of the lowest commodity Internet rates in the entire country, made possible through aggregation of demand and statewide bidding
- Achieved 100% retention of voluntary membership, now reaching 290 entities by 7/1/2015

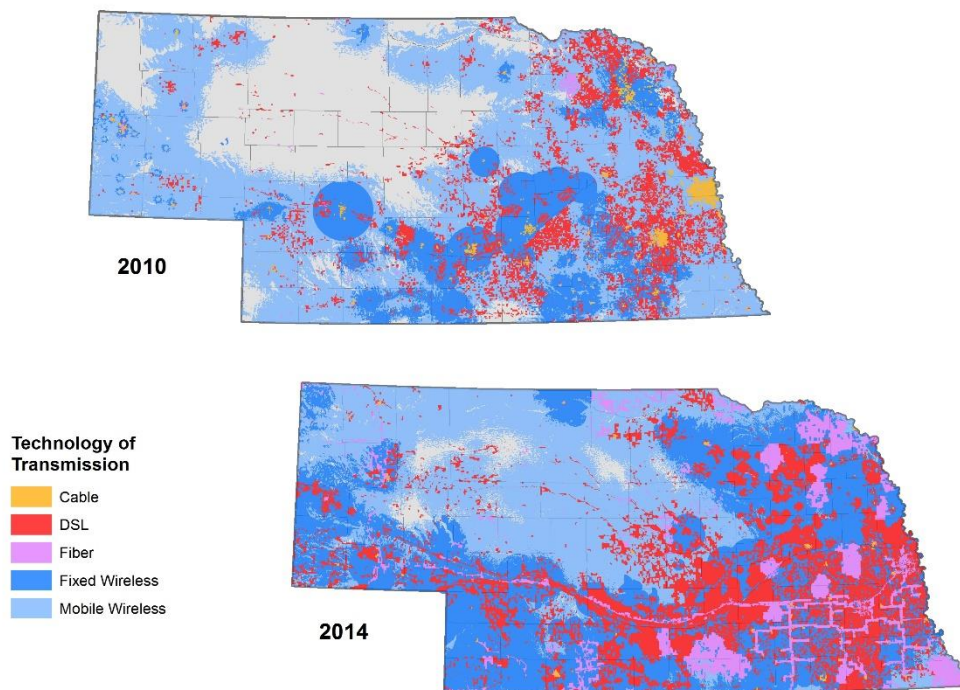
Recommendations:

- Continue this initiative.
- Position Network Nebraska to provide services such as statewide identity management, learning management, content management for K-20 education entities.

Community IT Planning

Objective: *To foster community and economic development in Nebraska communities through the effective use of information technology.*

Description: Although broadband availability in Nebraska continues to improve, some areas of the state are underserved or unserved. This action item leverages the resources of partner organizations in the state to stimulate demand for broadband by helping communities, businesses, and residents understand how to use new technologies.



Collaborators:

- Nebraska Public Service Commission
- University of Nebraska-Lincoln
- AIM
- Nebraska Department of Economic Development
- Nebraska Library Commission
- Other stakeholders

Recent Accomplishments:

- Development of a state broadband plan (2014)
- Development of a state broadband map (2010-2014)
- Development of a community broadband planning workbook, household and business surveys, and best practice videos
- Annual broadband conferences (2011-2014)

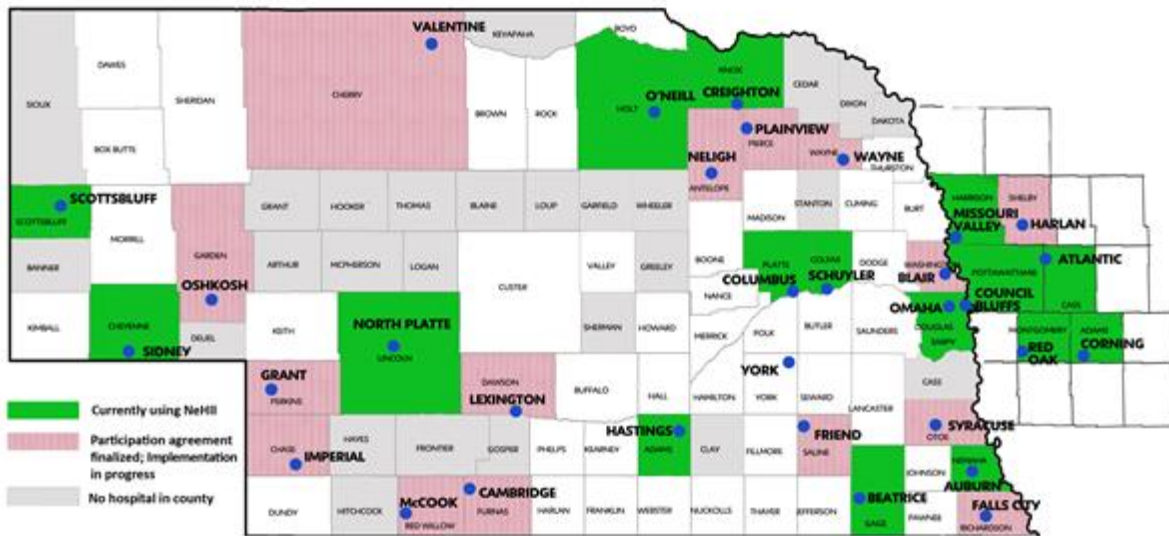
Recommendations:

- Continue this initiative, but rename this item “Broadband-Related Development.”
- Develop a program to help communities develop broadband plans.

eHealth

Objective: *To foster the collaborative and innovative use of eHealth technologies through partnerships between public and private sectors, and to encourage communication and coordination among eHealth initiatives in Nebraska.*

Description: The eHealth Council supports the adoption of electronic health records, e-prescribing, and health information exchange through NeHII (Nebraska Health Information Initiative). The following map shows pending and current NeHII hospital implementations.

**Collaborators:**

- Nebraska Department of Health and Human Services
- NeHII
- UNMC
- Other stakeholders

Recent Accomplishments:

- Prepared and submitted an application for nearly \$3 million in grant funding from the Office of the National Coordinator for Health IT (2015).
- Completed a four-year \$6.8 million State Health Information Exchange grant from the Office of the National Coordinator for Health IT (2010-2014). During the four year grant period, the number of NeHII users grew from 464 users to 3,590 users. Nebraska also ranked 13th in e-prescribing adoption in 2013, with 89% of physicians e-prescribing.

Recommendations:

- Continue this initiative.
- Future areas of focus may include better integration of health information technology into the provider workflow, encouraging greater patient engagement, and encouraging the adoption of health IT by behavioral health providers and long-term care facilities.

Public Safety Communications System

Objective: *Implement the Nebraska statewide radio system and migrate state law enforcement and other state agencies onto the system. Create the system user group to educate, train and develop best practices for agencies using the system. Develop interoperability options for local agencies to enable cost-effective, functional, and reliable communications between state, local and public power agencies.*

Description: The Nebraska Statewide Radio System serves local, state and federal agencies, and public utilities across the state. The system was funded through a partnership between the state and Nebraska Public Power District (NPPD) to jointly own, manage and operate the system. State and local agencies are using the system and learning about the many new capabilities.

There are 54 towers owned by a variety of entities, including NPPD, the state, and local agencies that provide radio coverage across the state. Users of the system are able to communicate directly with other users across large geographic areas, and have the ability to communicate with many users at once.

Through the partnership with NPPD, the state has been able to share the cost of network infrastructure, towers, and upkeep of the system. A system user group represents all user agencies on the system, including NPPD, the State Patrol, Fire Marshal, Game and Parks, Corrections, Department of Roads and several local and federal agencies.

Collaborators:

- Office of the Chief Information Officer
- Nebraska Public Power District
- Local, state, and federal agencies

Recent Accomplishments:

- During the past two years, much time has been spent on refining processes, developing standards, improving the methods of communication between the users and the system owners and expanding interoperability within the State of Nebraska.
- System acceptance of the Statewide Radio System was taken in September 2014.

Recommendations:

- Discontinue as an initiative and move any related action items to the State Government Efficiency initiative.

Digital Education

Objective: *To promote the effective and efficient integration of technology into the instructional, learning, and administrative processes and to utilize technology to deliver enhanced digital educational opportunities to students at all levels throughout Nebraska on an equitable and affordable basis.*

Description: The Digital Education initiative will involve the coordination and promotion of several major systems and applications that heretofore have either been developed mostly at the local level or have not been replicated statewide.

Initiative progress will be dependent upon adequate Internet connectivity and transport bandwidth for learners, instructors, administrators, and for educational attendance sites. A minimum acceptable level of classroom technology will have to be established for the initiative to be successful.

Collaborators:

- Educational Service Unit (ESU) Coordinating Council
- ESU BlendEd Initiative
- ESU Distance Education Advisory Committee,
- ESU Technology Affiliate Group
- Nebraska Department of Education

Recent Accomplishments:

- Collaborators and stakeholders testified at the LB 1103 and LB 519 hearings
- ESU collaborators have developed BlendEd briefing materials
- The Nebraska Department of Education has made progress on the Digital Dashboard pilot project involving nine Nebraska school districts

Recommendations:

- Continue this initiative.
- Encourage and/or incentivize collaborators and stakeholders to be more results-oriented using project management techniques.

State Government Efficiency

Objective: *To address multiple items improving efficiency in state government, including implementing enterprise shared services and adopting standards and guidelines.*

Description: The primary components of this initiative are the implementation of shared services and the development of standards and guidelines.

Collaborators:

- Office of the Chief Information Officer
- State government agencies
- Nebraska.gov

Recent Accomplishments:

- *Shared Services.* Over the past two years efforts have focused on the following shared services:
 - Enterprise Maintenance / Purchase Agreements. The Office of the CIO manages or supports several enterprise agreements that benefit state agencies. These include: Adobe; Enterprise Content Management (ECM) solutions development; IBM; Microsoft; and the Western States Contracting Alliance (WSCA).
 - E-mail and Collaboration Services
 - Enterprise Content Management
 - Interactive Voice Response
 - Server Virtualization
- *Standards and Guidelines.* In order to encourage interoperability and standardization, over 40 standards and guidelines have been adopted. Within the past two years, 10 new or revised standards and guidelines have been adopted.

Recommendations:

- Continue this initiative, but rename "State Government IT Strategy."

E-Government

Objective: *To further the use of e-government to improve services and increase the efficiency and effectiveness of agencies.*

Description:

The three goals for e-government are:

- *Government-to-Citizen and Government-to-Business.* Anyone needing to do business with state government will be able to go to the state's Web site, easily find the information or service they need, and if they desire, complete all appropriate transactions electronically. Areas to be addressed include citizen portal enhancement; business portal enhancements; education portal; and forms automation.
- *Government-to-Government.* State agencies will improve services and increase the efficiency and effectiveness of government operations through collaboration, communication, and data sharing between government agencies at all levels.
- *Government-to-Employee and Internal Operations.* Agencies will examine internal operations to determine cost-effective e-government applications and solutions. The purpose of these efforts is to improve efficiency and effectiveness by replacing manual operations with automated techniques.

Collaborators:

- Webmasters Workgroup
- Nebraska.gov
- State government agencies

Recent Accomplishments:

- An annual e-government conference is held to showcase successful e-government projects and to keep both managers and IT staff informed on developments in e-government and technology. The conference is presented in partnership with *Government Technology* magazine.
- The State's Web portal, Nebraska.gov, was recognized by the Center for Digital Government as one of the top state Web portals in 2012 and 2014.

Recommendations:

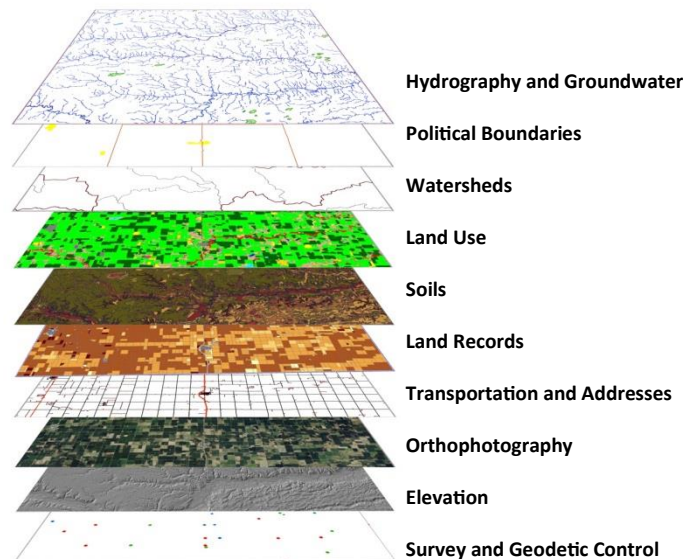
- Discontinue as an initiative and move any related action items to the State Government Efficiency initiative.

Nebraska Spatial Data Infrastructure (NESDI)

Objective: *To develop and foster an environment and infrastructure that optimizes the efficient use of geospatial technology, data, and services to address a wide variety of business and governmental challenges within the state. Geospatial technologies and data will be delivered in a way that supports policy and decision making at all levels of government to enhance the economy, safety, environment and quality of life for Nebraskans.*

- Facilitate the creation, maintenance, analysis and publishing of quality and authoritative data and information systems. Priority layers include: imagery, elevation, street centerlines, point addressing, and land records.
- Formalize data stewardship and encourage data sharing and provide widespread access to data and services through NebraskaMAP.gov.
- Facilitate technical assistance and education outreach opportunities for furthering the adoption of the NESDI and geospatial applications.
- Achieve sustainable and efficient allocation of resources to support the implementation and wise governance of GIS services and geospatial data.

Nebraska Core Data Layers



Collaborators:

- The State of Nebraska
- Local and County Government
- League of Municipalities
- Nebraska Association of County Officials
- Nebraska GIS LIS Association
- Natural Resource Districts
- Public Power Districts
- Federal Agencies
- Private Industry
- K-12, College, and University of Nebraska

Recent Accomplishments:

- Strategic Plan completed in 2012 serves as roadmap to setting statewide priorities and development of NESDI strategic initiative and action items.
- Working groups established involving volunteers to gather information and develop plans.
- New standards adopted for elevation, imagery, street centerlines and addresses. Metadata standards have been updated to reflect federal ISO requirements.
- Elevation business plan completed and implementation started with collaborators working to acquire data through a 4,400 acre project in western Nebraska.
- Established a statewide K-12 GIS Education Initiative by leveraging a statewide enterprise license agreement for software and services to private and public schools.

Recommendations:

- Continue this initiative. Current GIS Council goals are in line with strategic initiative and objectives. The next set of priority NESDI layers will become new action items in this initiative.
- Integrate NESDI data development, maintenance and application priorities into public safety, NG 9-1-1, and emergency management policy and activities.

Security and Business Resumption

Objective: *To define and clarify policies, standards and guidelines, and responsibilities related to the security of the state's information technology resources.*

Description: Information security serves statutory goals pertaining to government operations and public records. These include: insure continuity of government operations (Nebraska State Constitution, Article III, Section 29; Neb. Rev. Stat. § 28-901 and 84-1201); protect safety and integrity of public records (Neb. Rev. Stat. §§ 28-911, 29-2391, and 84-1201); prevent unauthorized access to public records (Neb. Rev. Stat. §§ 29-319, 81-1117.02, and 84-712.02); insure proper use of communications facilities (Neb. Rev. Stat. § Section 81-1117.02); and protect privacy of citizens (Neb. Rev. Stat. § 84, Article 7).

Major activities include:

- Development of an overall security strategy, including policies, security awareness, and security infrastructure improvements;
- Network security standards and guidelines;
- Education and training;
- Authentication (directory services);
- Disaster recovery for information technology systems (as part of a broader business continuity planning);
- Compliance with federal privacy and security mandates; and
- Security assessments.

Collaborators:

- Security Architecture Workgroup
- State government agencies

Recent Accomplishments:

- *Security.* The Security Architecture Workgroup has worked with the State Government Council, the Technical Panel, and agencies to formulate new policies for emerging technologies and to update existing policies. The Workgroup has also worked to develop a unified approach to federal audits to reduce individual agency work and to ensure consistent and accurate responses to audits. Also, the OCIO has annually hosted the Nebraska Cyber Security conference.
- *Business Resumption/Continuity of Operations.* Recent efforts have been focused on business continuity management practices for improving Continuity of Operations (COOP) planning and organizational resiliency.
 - Active interagency dependency planning for increased communication and coordination of planned maintenance events has been included in the OCIO's change management process.
 - A \$4.2 million Building Master Plan was developed which focuses on the resiliency of the facility to support the current mission of the OCIO and the agencies supported by the OCIO. Upgrades to the legacy electrical and mechanical services will be the main focus along with consolidating space for more energy efficient systems.
 - The Enterprise Mass Notification Service as a software contract was replaced with a new product which allows for improved rapid emergency notification with many new features such as mobile application, GIS integration and social media output. Several new state agencies, regional groups, and individual counties have signed up for this service.

Recommendations:

- Continue this initiative.