

AGENDA
NEBRASKA INFORMATION TECHNOLOGY COMMISSION
Varner Hall - Board Room
3835 Holdrege Street
Lincoln, Nebraska
Thursday, March 12, 2020
10:00 a.m.

10:00 a.m. 1. Roll call; meeting notice; Open Meetings Act information.

2. Public comment.

3. **Approval of November 14, 2019 meeting minutes.*** (*Attachment 3*)

4. Reports from the advisory councils and Technical Panel.

10:05 a.m. a. Technical Panel report – Kirk Langer.

i. Enterprise projects.

1. Enterprise project status dashboard report. (*Attachment 4-a-i-1*)

2. **Project closure: Nebraska State Accountability (NeSA) project, Dept. of Education.*** [Motion to close project.]

ii. Technical standards and guidelines.

1. **Approval of Proposal 14. Adopt a new section relating to authority and applicability.*** (*Attachment 4-a-ii-1*)

2. **Approval of Proposal 15. Amend the Information Security Policy.*** (*Attachment 4-a-ii-2*)

10:30 a.m. b. Education Council report – Tom Rolfes. (*Attachment 4-b*)

i. **Digital Education status report; approval of recommendations.***

ii. **Network Nebraska status report; approval of recommendations.***

10:50 a.m. c. GIS Council report –John Watermolen. (*Attachment 4-c*)

i. **Approval of amendments to the council charter.***

ii. **Nebraska Spatial Data Infrastructure status report; approval of recommendations.***

11:10 a.m. d. Community Council report – Anne Byers. (*Attachment 4-d*)

i. **Approval of membership nominations.***

ii. **Rural Broadband and Community IT Development status report; approval of recommendations.***

11:25 a.m. e. eHealth Council report – Anne Byers. (*Attachment 4-e*)

i. **Approval of membership nominations.***

ii. **eHealth status report; approval of recommendations.***

11:30 a.m. f. State Government Council report – Ed Toner. (*Attachment 4-f*)

i. **State Government IT Strategy status report; approval of recommendations.***

ii. **IT Security status report; approval of recommendations.***

11:45 a.m. 5. Adjourn.

* Indicates an action item.

The Commission will attempt to adhere to the sequence of the published agenda, but reserves the right to adjust the order and timing of items 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 February 10, 2020. The agenda was posted to the NITC website on March 5, 2020.

[Nebraska Open Meetings Act](#)

Attachment 3

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Thursday, November 14, 2019, 9:00 a.m.

Varner Hall - Board Room

3835 Holdrege Street, Lincoln, Nebraska

MINUTES

MEMBERS PRESENT:

Ed Toner, Chief Information Officer, Chair
Senator Bruce Bostelman, Nebraska Legislature
Shane Greckel, Greckel Farms, LLC
Dr. Terry Haack, Bennington Public Schools
Dorest Harvey, US Strategic Command/J84
Tom Nutt, Phelps County Commissioner
Gary Warren, Hamilton Telecommunications
Walter Weir, University of Nebraska

MEMBERS ABSENT: Dan Spray, Precision Technologies, Inc. and LaShonna Dorsey, Mutual of Omaha

ROLL CALL; MEETING NOTICE; OPEN MEETINGS ACT INFORMATION

The Chair, Ed Toner, called the meeting to order at 9:05 a.m. There were eight members present at the time of roll call. A quorum existed to conduct official business. A copy of the Open Meetings Act was posted on the south wall of the meeting room. The meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on October 4, 2019. The agenda was posted to the NITC website on November 8, 2019.

APPROVAL OF JULY 25, 2019 MEETING MINUTES

Commissioner Harvey moved to approve the July 25, 2019 minutes as presented. Commissioner Weir seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Nutt-Yes, Warren-Yes, and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

REPORTS FROM THE ADVISORY COUNCILS AND TECHNICAL PANEL

TECHNICAL PANEL REPORT

Kirk Langer

Enterprise projects

Project closure: Oracle Fusion project, Dept. of Administrative Services. At the July NITC meeting, the Commission postponed a decision to close the project until the Commission had received the lessons learned report from the project. Commissioner Weir reviewed the project history and lessons learned.

Commissioner Warren moved to designate the Oracle Fusion Project as a closed project. Commissioner Nutt seconded. Roll call vote: Weir-Yes, Warren-Yes, Nutt-Yes, Harvey-Yes, Haack-Yes, Greckel-Yes, and Toner-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Project update and project closure: Nebraska State Accountability (NeSA) project, Dept. of Education

Jeremy Heneger

The Department of Education was not present to discuss the project. Action was postponed until the next meeting.

Nebraska Regional Interoperability Network (NRIN) project

Sue Krogman and Tim Hofbauer

Project Description: The Nebraska Regional Interoperability Network (NRIN) is a project that will connect a majority of the Public Safety Access Points (PSAPs) across the State by means of a point to point microwave system. The network will be a true, secure means of transferring data, video and voice. Speed and stability are major expectations; therefore there is a required redundant technology base of no less than 100 mbps with 99.999% availability for each site. It is hoped that the network will be used as the main transfer mechanism for currently in-place items, thus imposing a cost-saving to local government. All equipment purchased for this project is compatible with the networking equipment of the OCIO.

At the July NITC meeting, the Commission requested an update from the project sponsors regarding the build out status. Ms. Krogman and Mr. Hofbauer were present for the requested update. Once the system is built, the local entities maintain control and are responsible for governance and sustainability. The project is currently federally funded by Homeland Security grants with approximately \$500,000 awarded annually. There is a sustainability plan in place which will be a fee structure system. The Governance Board has researched what service providers would charge customers and are attempting to charge less.

The goal for the completion date is August 31, 2021 and it is possible that parts of the Sandhills areas in Central Nebraska may not be covered. The current build outs are already being used by the local entities for 911. Platte Valley Communications is currently doing any needed repairs and is available 24/7 for maintenance. Recently, the Tri-County area has decided to be part of NRIN.

A funding request was made to hire a Network Engineer. Since the project is utilizing many of NPPD's towers, NPPD may be hiring staff dedicated to the project.

The Commissioners requested a coverage map showing 1) current coverage, 2) what is left on the build out, 3) current coverage projects, and 4) timelines. The NRIN Governance Group meeting dates will also be sent to Commissioners. Ms. Krogman thanked the Office of the CIO for their assistance.

Draft Report on the Status of Enterprise Projects. A copy of the draft report was included with the meeting documents. The report is submitted annually by the CIO.

Technical standards and guidelines: Proposal 12, amend the accessibility policy

The revised standards will align the state with the federal accessibility standards. Proposal 12 was posted for the 30-day public comment period. No comments were received.

Commissioner Weir moved to approve Proposal 12. Commissioner Nutt seconded. Roll call vote: Haack-Yes, Harvey-Yes, Nutt-Yes, Warren-Yes, Weir-Yes, Toner-Yes, Greckel-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

GIS COUNCIL REPORT

John Watermolen

Membership nominations. The GIS Council is submitting the following names for approval by the commission and to forward to the Governor's Office.

Nomination for Council member to represent GIS related industry (2 seats):

- Nominee- Don Linquist, Precision Agriculture Support Specialist, Mitchell Implements
- Nominee- Matt Tinkham, Surveyor Lamp Rynearson

Nomination and Approval for Council at large position (vacated this year):

- Nominee- Bailey Gibson, GIS Coordinator, Hall County

Commissioner Haack moved to approve the GIS Council's membership nominations. Commissioner Greckel seconded. Roll call vote: Nutt-Yes, Harvey-Yes, Haack-Yes, Greckel-Yes, Toner-Yes, Weir-Yes, and Warren-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Mr. Watermolen highlighted the following activities from his council report:

- Department of Revenue. The OCIO continues to visit with state agencies every few months to continue discussions and any GIS needs. The OCIO worked with the Department of Revenue to release a sales tax rate finder tool. Revenue project focused due to time. Municipal boundary set is much more robust NSGIC.
- Presented summary of pilot project at the GeoElection Summit in Washington DC and the National State Geographic Information Council (NSGIC) in Utah.
- NSGIS Geospatial Maturity Assessment (GMA). This is a self-reported survey collected by NSGIC to see how states are utilizing GIS. The 2019 GMA will be the first one that has been graded. NSGIC is looking at giving states a single grade, when the final report is published.

Senator Bostelman discussed a legislative committee's work on a study of Nebraska's levees. The committee is discovering that there is not one resource to go to for this information. He asked if GIS could assist on this study. Mr. Watermolen will follow up with Senator Bostelman.

EDUCATION COUNCIL REPORT

Tom Rolfes

Membership nominations. The Education Council would like to recommend the following Higher Education membership nominations to serve on the council for 2019-21:

- Chuck Lenosky, Independent Colleges & Universities
- Carla Streff, Community College System
- Dr. Paul Turman, State College System

Commissioner Haack moved to approve the Education Council's membership nominations.

Commissioner Harvey seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Nutt-Yes, Warren-Yes, and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

The Council met in August and in October. A Teacher Homework Gap Survey was conducted and results shared with the Council. The survey indicated that homework is done mostly digitally. Equity of access is a concern. Teachers are making accommodation for students who do not have internet at home by making study areas available before and after school, providing printed copies, or allowing more days to complete assignments. Education is considered lifelong so the Homework Gap could affect all learners. In October, Executive Director Jim Smith of Blueprint Nebraska gave a presentation to the Council. Mr. Rolfes offered to present Network Nebraska information at one of their future Education Attainment Industry Council meetings.

COMMUNITY COUNCIL REPORT

Anne Byers

Membership nomination. The Community Council met on September 26, 2019. They recommended the nomination of Allison Hatch to represent the Nebraska Department of Economic Development.

Commissioner Nutt moved to approve the Community Council's membership nomination.

Commissioner Warren seconded. Roll call vote: Warren-Yes, Harvey-Yes, Haack-Yes, Greckel-Yes, Toner-Yes, Nutt-Yes, and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

County Broadband Fact Sheets. The NITC Community Council is partnering with the Nebraska Library Commission to develop broadband fact sheets for counties in Nebraska. A sample fact sheet was included in the meeting materials. The fact sheets will help engage community leaders and local libraries in efforts to address digital inclusion and/or broadband planning.

EHEALTH COUNCIL REPORT

Anne Byers

Membership nomination. The eHealth Council met on September 26, 2019. They recommended the nomination of Dr. Laura Petersen to represent the Nebraska Department of Health and Human Services Division of Medicaid and Long-Term Care on the eHealth Council.

Commissioner Weir moved to approve the eHealth Council's membership nomination. Commissioner Haack seconded. Roll call vote: Greckel-Yes, Haack-Yes, Harvey-Yes, Nutt-Yes, Warren-Yes, Weir-Yes, and Toner-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

STATE GOVERNMENT COUNCIL REPORT

Ed Toner

Amendments to the council charter. As amended, section 7 of the charter provides for meetings of the council to be held at the call of the chairperson with at least 30 days prior notice. The other changes to the charter are clean-up in nature.

Commissioner Weir moved to approve the State Government Council Charter Amendments. Commission Greckel seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Nutt-Yes, Warren-Yes, and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Mr. Toner discussed the OCIO's application portfolio management project.

RURAL BROADBAND TASK FORCE REPORT

Anne Byers

Ms. Byers thanked Commissioner Bostelman, Commissioner Toner and Commissioner Spray for their work on the Rural Broadband Task Force. The Task Force has met 10 times and the task force's five subcommittees have met 30 times. The report to the Legislature was submitted on Oct. 31, 2019. The Transportation and Telecommunications Committee has scheduled a hearing on December 4, 2019 to review the findings and recommendations of the Task Force.

Commissioners were given an opportunity to ask questions.

APPROVAL OF UPDATE TO THE STATE BROADBAND PLAN

In 2014, the Nebraska Information Technology Commission approved the state broadband plan, *Broadband in Nebraska: Current Landscape and Recommendations*. The 2014 plan was developed in collaboration with the Nebraska Broadband Initiative. Current Nebraska Broadband Initiative partners include the Nebraska Public Service Commission, University of Nebraska-Lincoln, Nebraska Information Technology Commission, Nebraska Library Commission, and USDA. The initiative was formed to implement the planning component of the Nebraska Public Service Commission's broadband mapping and planning grant from the National Telecommunications and Information Administration through the American Recovery and Reinvestment Act.

The state broadband plan is now five years old. Last year, USDA awarded bonus points to ReConnect grant applicants if their state had a broadband plan that had been updated in the last five years. Staff has proposed updating the state broadband plan by affirming the vision, objectives, goals, and recommendations included in the 2014 broadband plan and appending the Rural Broadband Task Force report. A draft of an updated broadband plan was in the meeting materials.

Commission Harvey moved to approve the update to the State Broadband Plan. Commissioner Warren seconded. Roll call vote: Harvey-Yes, Nutt-Yes, Spray-Yes, Warren-Yes, Weir-Yes, Toner-Yes, Greckel-Yes, and Haack-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

APPROVAL OF STRATEGIC INITIATIVES FOR STATEWIDE TECHNOLOGY PLAN UPDATE

The Statewide Technology Plan will need to be updated in 2020. The process begins with the commission's approval of strategic initiatives for the plan. Once these are approved, the councils will begin to work on developing action items. The proposed strategic initiatives are as follows:

- State Government IT Strategy. The objective of this initiative is to develop and implement a comprehensive strategy for the use of information technology by Nebraska state government.
- IT Security. This initiative will define and clarify policies, standards and guidelines, and responsibilities related to the security of the State's information technology resources.
- Nebraska Spatial Data Infrastructure (NESDI). The objective of this initiative is 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.
- Network Nebraska. In order to develop a broadband, scalable telecommunications infrastructure that optimizes the quality of service to every public entity in the state of Nebraska, the Office of the CIO and the University of Nebraska engaged in a collaborative partnership that used existing and new resources to aggregate disparate networks into a multipurpose core backbone extending from Omaha, Lincoln, Grand Island to Scottsbluff.
- Digital Education. The primary objective of the Digital Education Initiative is 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.
- Rural Broadband and Community IT Development. Broadband availability, widespread adoption of broadband technologies, and a skilled IT workforce have become requirements for communities wishing to grow their economies.
- eHealth. Electronic health information exchange (HIE) allows doctors, nurses, pharmacists, other health care providers and patients to appropriately access and securely share a patient's vital medical information electronically—improving the speed, quality, safety and cost of patient care.

Commissioner Haack move to approve the strategic initiatives for the Statewide Technology Plan update. Commissioner Harvey seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Nutt-Yes, Warren-Yes, and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

ADJOURNMENT

Commissioner Nutt moved to adjourn. Commissioner Greckel seconded. All were in favor. Motion carried.

The meeting was adjourned at 11:10 a.m.

The meeting minutes were taken by Lori Lopez Urdiales and reviewed by the IT Managers of the Office of the CIO.

Attachment 4-a-i-1

Projects Status Dashboard

March 2020

Enterprise Projects - Current

Agency/Entity	Project	NITC Designated
Department of Health and Human Services	New Medicaid Management Information System (MMIS)	07/08/2009
Department of Education	Nebraska State Accountability (NeSA)	07/08/2009
Nebraska Council of Regions	Nebraska Regional Interoperability Network	03/15/2010
Department of Health and Human Services	Medicaid Eligibility & Enrollment System	10/28/2014
Office of the CIO	Centrex Replacement	07/12/2018

Note: Status is self-reported by the agency

Project Storyboard: Centrex Conversion (65060012)

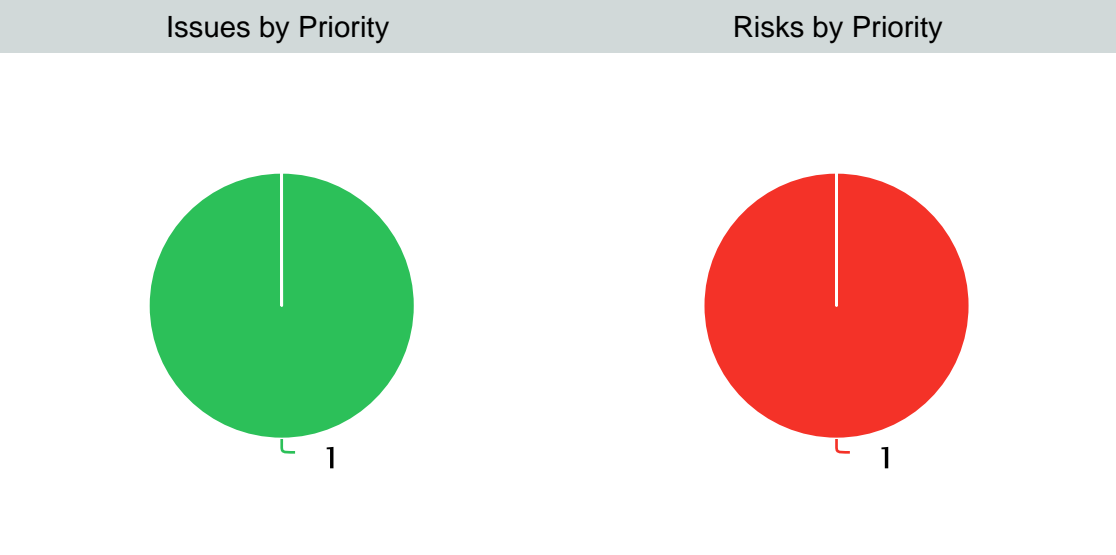
Project Manager	Kortus, Julie	Status Report Date	3/5/20
Project Type	Major Project	Status	Approved
Stage	Build	Progress	Started
Total Estimated Cost	\$2,800,000.00	Estimate to Complete	
Actual Cost To Date			

Project Dates		
	Start	Finish
Plan	10/10/17	6/30/20
Baseline	10/10/17	6/30/20
Days Late	0	0

Status Report Indicators		
Overall		
Schedule		
Scope		
Cost and Effort		

Project Description	Key Accomplishments
To secure the most cost efficient Hosted Voice Over Internet Protocol Telephony (VOIP) Services. This solution will replace the State’s Centrex service throughout the State of Nebraska. The purpose of the project is to provide phone service that includes the most up-to-date VOIP features and functionality as a hosted service with equipment ownership, maintenance and service remaining with the Contractor.	An additional resource has been identified to assist with the project on a part-time basis.









Status Report Update	Upcoming Activities
<p>As of 2/29/2020 we are at 28% complete. Currently March has two installs scheduled, and two additional orders placed and ready to schedule. The expected percent complete by end of March is 33%. We have moved 110 DHHS lines of approximately 3000.</p> <p>Issues</p> <ul style="list-style-type: none">* State of Nebraska is forced to convert to a VoIP product due to the non-renewal of the Centrex contract with the current carrier.* Time needed to reconcile final inventories with the agencies to ensure a seamless conversion* Limited project resources* Agencies needing additional cable/wiring prior to install/port* Agencies requiring circuit upgrades, and time this takes for carrier to complete* Teammates at some agencies frequently moving their physical location <p>Benefits</p> <ul style="list-style-type: none">* Latest technology* Service is not being compromised during the conversion, as the service will not be removed.* Agencies will have a correct inventory of their telephones.* 10% reduction of phone lines to date.	We have three sites finishing their re-wiring in March, and will be able to install and port those sites in April.











Current Issues					More Issues...	
Issue	Priority	Status	Target Resolution	Owner		
Rates		Work in Progress	6/30/20	Kortus, Julie		

Current Risks							More Risks...	
Risk	Probability	Impact	Priority	Status	Target Resolution	Owner		
Bandwidth at Sites				Work in Progress	6/30/20	Kortus, Julie		

Project Storyboard: Medicaid Eligibility & Enrollment System

Project Manager		Gartin, Dan	Status Report Date	11/6/19	Project Dates			Status Report Indicators		
Project Type			Status	Approved		Start	Finish	Overall		
Stage		Build	Progress	Started	Plan	6/1/18	4/30/22	Schedule		
Total Estimated Cost		\$81,200,000.00	Estimate to Complete	77.98%	Baseline	6/1/18	4/30/22	Scope		
Actual Cost To Date		\$63,318,485.00			Days Late	0	0	Cost and Effort		
Project Description					Key Accomplishments					
<p>The Affordable Care Act (ACA) included numerous provisions with significant information systems impacts. One of the requirements was to change how Medicaid Eligibility was determined and implement the changes effective 10/1/2014. As a result of the lack of time available to implement a long-term solution, the Department of Health and Human Services implemented a short-term solution in the current environment to meet initial due dates and requirements. This solution did not meet all Federal technical requirements for enhanced Federal funding but was approved on the assumption that a long-term solution would be procured. An RFP was developed and procurement has been completed with Wipro selected as the Systems Integrator for the IBM/Curam software.</p>					<p>Gartner completed these deliverables:</p> <p>A set of Imperatives and Drivers that established the purposes and intent for EES. An Assessment of the EES Project governance, execution and outcomes. An Alternatives Analysis of options to move forward. A recommendation on how to move forward, with a roadmap of actionable steps.</p> <p>Executive review of these outputs with DHHS, OCIO and IS&T leaders occurred in September, 2019.</p>					
Status Report Update					Upcoming Activities					
<p>In 2014, the contract for an Eligibility and Enrollment System (EES) was awarded to the SI, Wipro Inc., using the IBM Cúram software product. The EES project’s budget was approximately \$80 million leveraging enhanced FFP of 90% Federal and 10% State dollars. The SI began in the summer of 2014.</p> <p>The anticipated Return on Investment was not achieved, including:</p> <ul style="list-style-type: none">More complete and timely analyticsClient benefits, such as real time eligibility determinationsBringing MLTC into Federal compliance with updated technologies <p>Throughout the SI development efforts, concerns were raised about the quality of deliverables, significant lack documentation, slippage in schedule and major concerns of budget expended without tangible results.</p> <p>Following a review of the EES project conducted between October and December 2018, State executive leadership agreed to terminate the SI contract and seek a new partner.</p> <p>Before procuring a new partner, however, the State asked Gartner, Inc. to review the then current state of EES, conduct an alternatives analysis, and identify strategies for moving forward with the DHHS integrated eligibility initiative.</p> <p>Gartner spent four months analyzing the project, reviewing processes, governance, software, and documentation while conducting interviews with more than 100 DHHS staff and contractors, including leaders in DHHS, the OCIO and IS&T.</p> <p>Gartner's recommendation was to go to market with a new procurement for an Integrated Eligibility and Enrollment Benefits Management (IE&E BM) system built from a framework of shared components that include:</p> <p>Modern development tools and frameworks, business rules and process management systems, integration middleware, user experience/engagement and data mgmt. software.</p>					<p>The newly branded Integrated Eligibility and Enrollment / Benefits Management project (IE&E / BM) is anticipated to begin procurement in Q3 of SFY20.</p> <p>Significant investment in DHHS Enterprise Project Management Office (EPMO) processes, Architectural standards and procedures, data governance and management and Organizational Change Management processes will happen in parallel to this activity, setting foundations that will improve the potential for success in a new project.</p>					

Project Storyboard: Medicaid Management Information System Replacement Project (MMIS)

Project Manager	Gartin, Dan	Status Report Date	1/23/20	Project Dates			Status Report Indicators		
Project Type	Major Project	Status	Approved		Start	Finish	Overall		
Stage	Test	Progress	Started	Plan	7/1/14	4/30/20	Schedule		
Total Estimated Cost	\$113,600,000.00	Estimate to Complete	15.29%	Baseline	7/1/14	4/30/20	Scope		
Actual Cost To Date	\$17,363,786.07			Days Late	0	0	Cost and Effort		
Project Description				Key Accomplishments					
Medicaid and Long-Term Care (MLTC) has undertaken a strategic transformation toward a vision for a Medicaid enterprise that is fundamentally data-driven. This project supports the programmatic shift by giving the stakeholders access to claims and clinical data and appropriate analytic tools. This project of building a comprehensive data management and analytics (DMA) platform is aligned with the CMS modular approach to building system and operational capabilities. The current system consisting of legacy MMIS and Truven DW/DSS has several limitations that warrant the need to re-engineer the data management and analytical operations. The DMA system is envisioned to be the core repository for the State to address all its information and data needs.				1. Certification task re-baseline schedule identified. 2. Deferred scope analysis completed 3. RAI (request for additional info) response being communicated 1/23 4. Certification Evidence now prepared for 197 of 299 Cert. Evidence Docs.					
Status Report Update				Upcoming Activities					
A certification task re-baseline that adds six weeks to the critical path is expected to move the project go-live from April 14 to June 1st. Before being locked into place, a resource impact assessment is needed to understand project portfolio impacts to other projects, such as Heritage Health. Review of deferred scope items found 362 (of 1213 reviewed) user stories the business considers important or critical to achieve certification may need to be moved back to DDI. The vendor identified all of these items as not critical to certification and considers them enhancements. Reconciliation of these two differing positions is underway.				1. Continue work to define operational readiness processes. 2. Continue work on data conversion activities. 3. Submit updates to CMS (I-APD) (budget centric activity) 4. Prepare contract amendment 3.					
Issues by Priority		Risks by Priority		Current Issues					
				No matching records were found					

Project Storyboard: Nebraska Regional Interoperability Network (NRIN)

Project Manager		Krogman, Sue	Status Report Date	3/2/20	Project Dates			Status Report Indicators		
Project Type		Major Project	Status	Approved		Start	Finish	Overall		
Stage		Build	Progress	Started	Plan	10/1/10	8/31/21	Schedule		
Total Estimated Cost		\$12,500,000.00	Estimate to Complete	83.24%	Baseline	10/1/10	8/31/21	Scope		
Actual Cost To Date		\$10,405,204.00			Days Late	0	0	Cost and Effort		
Project Description					Key Accomplishments					
<p>The Nebraska Regional Interoperability Network (NRIN) is a project that will connect a majority of the Public Safety Access Points (PSAP) across the State by means of a point to point microwave system. The network will be a true, secure means of transferring data, video and voice. Speed and stability are major expectations; therefore there is a required redundant technology base of no less than 100 mbps with 99.999% availability for each site. It is hoped that the network will be used as the main transfer mechanism for currently in-place items, thus imposing a cost-saving to local government. All equipment purchased for this project is compatible with the networking equipment of the OCIO.</p>										
Status Report Update					Upcoming Activities					
<p>Installation in the NE Region is being accomplished. An agreement with NPPD to configure the routers for the network has been established. Path calculations are being done from Dakota City down to Blair, Nebraska.</p>										
Issues by Priority		Risks by Priority		Current Issues						
				No matching records were found						

Project Storyboard: Nebraska State Accountability (NeSA- Reading, Math, Science and Writing)

<div>Project Manager<div>Heneger, Jeremy</div></div>		<div>Status Report Date<div>6/11/19</div></div>		<div>Project Dates</div>			<div>Status Report Indicators</div>		
<div>Project Type</div>		<div>Status<div>Approved</div></div>		<div><div>Start</div><div>Finish</div></div>			<div>Overall<div><div></div><div></div></div></div>		
<div>Stage<div>Launch</div></div>		<div>Progress<div>Completed</div></div>		<div>Plan<div>7/1/17</div><div>11/30/18</div></div>			<div>Schedule<div><div></div><div></div></div></div>		
<div>Total Estimated Cost<div>\$9,781,606.00</div></div>		<div>Estimate to Complete<div>100.00%</div></div>		<div>Baseline<div>7/1/17</div><div>11/30/18</div></div>			<div>Scope<div><div></div><div></div></div></div>		
<div>Actual Cost To Date<div>\$9,781,606.00</div></div>				<div>Days Late<div>0</div><div>0</div></div>			<div>Cost and Effort<div><div></div><div></div></div></div>		
<div>Project Description</div>				<div>Key Accomplishments</div>					
<div>Legislative Bill 1157 passed by the 2008 Nebraska Legislature required a single statewide assessment of the Nebraska academic content standards for reading, mathematics, science, and writing in Nebraska's K-12 public schools. The new assessment system was named Nebraska State Accountability (NeSA), with NeSA-R for reading assessments, NeSA-M for mathematics, NeSA-S for science, and NeSA-W for writing. The assessments in reading and mathematics were administered in grades 3-8 and 11; science was administered in grades 5, 8, and 11; and writing was administered in grades 4, 8, and 11.</div>									
<div>Status Report Update</div>				<div>Upcoming Activities</div>					
<div>Recommend for closure</div>									
<div>Issues by Priority</div>		<div>Risks by Priority</div>		<div>Current Issues</div>					
				<div>No matching records were found</div>					

Attachment 4-a-ii-1

TO: NITC Commissioners

MEETING DATE: March 12, 2020

SUBJECT: Proposal 14. Adopt a new section relating to authority and applicability.

RECOMMENDED ACTION: Approve Proposal 14.

BACKGROUND: This proposal would adopt a new section relating to authority and applicability. The authority subsection cites the relevant statute. The applicability subsection provides that the technical standards and guidelines apply to all state agencies, boards, and commissions, except for entities established by the constitution.

RECOMMENDED BY: State Government Council
Technical Panel

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 14
Final

A PROPOSAL to adopt a new section relating to authority and applicability.

Section 1. 1-102. Authority; applicability.

(1) Authority. These technical standards and guidelines are adopted pursuant to Neb. Rev. Stat. § 86-516, which provides:

“The commission shall: ... (6) Adopt minimum technical standards, guidelines, and architectures upon recommendation by the technical panel. Such standards and guidelines shall not unnecessarily restrict the use of new technologies or prevent commercial competition, including competition with Network Nebraska;”

(2) Applicability. These technical standards and guidelines apply to all state agencies, boards, and commissions, except the following:

(a) The Legislature;

(b) The Supreme Court and other judicial branch entities;

(c) Offices of the constitutional officers established in article IV of the Nebraska Constitution;

(d) Educational entities established in article VII of the Nebraska Constitution; and

(e) Such other agencies or entities established by the Nebraska Constitution.

(3) For the agencies and entities listed in subsections (2)(a) through (2)(e), standards or other mandatory requirements contained in these technical standards and guidelines should be treated as guidelines or recommendations.

Sec. 2. This proposal takes effect when approved by the commission.

Attachment 4-a-ii-2

TO: NITC Commissioners

MEETING DATE: March 12, 2020

SUBJECT: Proposal 15. Amend the Information Security Policy.

RECOMMENDED ACTION: Approve Proposal 15.

BACKGROUND: This proposal would amend the Information Security Policy.

Section 1 of the proposal amends section 8-102 as follows:

- An applicability sentence is stricken. That sentence is no longer needed after the adoption of Proposal 14; and
- A subsection is added that references the NIST Cybersecurity Framework.

Section 2 amends section 8-103 to revise certain roles and responsibilities.

Section 3 amends section 8-204 to clarify certain requirements relating to email.

Sections 4 and 5 are amendments to correct errors.

RECOMMENDED BY: State Government Council
Technical Panel

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 15
Final

A PROPOSAL relating to the Information Security Policy; to amend sections 8-102, 8-103, 8-204, and subsections 8-802(1)(d)(iii) and 8-802(1)(e); and to repeal the original sections and subsections.

Section 1. Section 8-102 is amended to read:

8-102. Scope.

~~(1) This policy is applicable to state agencies, boards, and commissions, excluding higher education entities.~~ This policy applies to all information technology systems for which the state has administrative responsibility, including systems managed or hosted by third parties on behalf of an agency. In the event an agency has developed policies or additional requirements for information security, the more restrictive policy will apply.

(2) Portions of this policy are based on the standards, guidelines, and best practices developed by the National Institute of Standards and Technology (NIST), including the NIST Cybersecurity Framework (<https://www.nist.gov/cyberframework>) and related publications (<https://csrc.nist.gov/publications>). Additional items contained in these NIST publications—that are not included in this policy—should be treated as guidance and best practices to be followed by agencies as appropriate.

Sec.2. Section 8-103 is amended to read:

8-103. Roles and responsibilities.

(1) State Agencies. Agencies that create, use, or maintain information systems for the state must ~~create and maintain~~ establish and manage an information security program consistent with

1 this policy to ensure the confidentiality, availability, and integrity of the state's information
2 assets. Agencies may work with the Office of the Chief Information Officer for assistance with
3 implementing an information security program.

4 (2) Office of the Chief Information Officer. The Office of the Chief Information Officer is
5 responsible for recommending policies and guidelines for acceptable and cost-effective use of
6 information technology in noneducation state government.

7 (3) State Information Security Officer. The state information security officer ~~performs~~ serves
8 as a security consultant to agencies and agency information security officers to assist the
9 agencies in meeting the requirements of this policy. The state information security officer may
10 also perform ~~periodic reviews~~ assessments of agency security for risk and compliance with this
11 policy and other security policies and standards the NIST Cybersecurity Framework.

12 (4) Agency Information Security Officer. An agency information security officer may be
13 designated at the discretion of the agency. The agency information security officer has ~~overall~~
14 the responsibility for ensuring ~~the~~ implementation, enhancement, monitoring, and enforcement
15 of ~~the~~ information security policies and standards for their agency. The agency information
16 security officer may collaborate with the Office of the CIO on information security initiatives
17 within the agency. ~~The agency information security officer is responsible for providing direction~~
18 ~~and leadership to the agency through the recommendation of security policies, standards,~~
19 ~~processes and education and awareness programs to ensure that appropriate safeguards are~~
20 ~~implemented, and to facilitate compliance with those policies, standards and processes. The~~
21 ~~agency information security officer is responsible for investigating all alleged information~~
22 ~~security violations. In this role, the agency information security officer will follow agency~~
23 ~~procedures for referring the investigation to other investigatory entities, including law~~
24 ~~enforcement. The agency information security officer will coordinate and oversee security~~
25 ~~program activities and reporting processes in support of this policy and other security initiatives.~~

1 (5) Nebraska Information Technology Commission. The Nebraska Information Technology
2 Commission is the owner of this policy with statutory responsibility to adopt minimum technical
3 standards, guidelines, and architectures.

4 (6) Technical Panel. The Technical Panel is responsible for recommending technical
5 standards and guidelines to be considered for adoption by the Nebraska Information
6 Technology Commission.

7 (7) State Government Council. The State Government Council is an advisory group
8 chartered by the Nebraska Information Technology Commission to provide recommendations
9 relating to state government agencies.

10 (8) Security Architecture Workgroup. The Security Architecture Workgroup is ~~a workgroup~~
11 chartered by the State Government Council to make recommendations to the State Government
12 Council and Technical Panel on matters relating to security within state government; provide
13 information to state agencies, policy makers, and citizens about real or potential security threats
14 or vulnerabilities that could impact state business security issues; document and communicate
15 existing problems, potential points of vulnerability, and related risks; and, determine security
16 requirements of state agencies stemming from state and federal laws, ~~or~~ regulations, and other
17 applicable standards.

18 Sec.3. Section 8-204 is amended to read:

19 8-204. Email.

20 (1) Users of the state email system must not set up rules, or use any other methodology, to
21 automatically forward all or substantially all emails to a personal or other account outside of the
22 state network unless approved by the state information security officer ~~or~~ and if applicable, the
23 agency information security officer.

24 (2) CONFIDENTIAL or RESTRICTED data must not be sent by email, or stored in the email
25 system, unless it has been encrypted using technology approved by the state information
26 security officer ~~or~~ and if applicable, the agency information security officer.

1 Sec.4. Subsection 8-802(1)(d)(iii) is amended to read:

2 Report to ~~state of~~ agency management on a regular schedule with status and action plans;

3 Sec.5. The second sentence in the second paragraph of subsection 8-802(1)(e) is
4 amended to read:

5 All personnel involved ~~any~~ in an incident management support activity will communicate only
6 with the parties necessary for incident analysis or recovery activity, and to the state information
7 security officer, Office of the CIO, or the agency information technology team.

8 Sec.6. Original section sections 8-102, 8-103, 8-204, and subsections 8-802(1)(d)(iii)
9 and 8-802(1)(e) are repealed.

10 Sec.7. This proposal takes effect when approved by the commission.

Attachment 4-b

Education Council Strategic Initiatives

Status Report and 2020-2021 Recommendations

March, 2020

Strategic Initiative, Action Item and Deliverable/Target		Status	2020-21 Recommendations
Digital Education			
4	Address technical challenges for students in the transition from secondary to post-secondary education.		Discontinue
1.1	Conduct a collaborative research project to identify existing infrastructure and pedagogical efforts in both secondary and post-secondary institutions.	No progress	Delete
1.2	Based on the results of the research project and other resources, identify opportunities for collaboration to ease transition for students.	No progress	Delete
1.3	Identify key challenges for transitioning students and conduct an environmental scan to identify successful approaches to mitigate those challenges.	Little progress	Delete
1.4	Create a guide for effective practices in the use of flexible learning technologies. (MOVE TO ACTION ITEM 1.1)	Relocated	Delete
1.5	Develop a strategy to encourage vendors to implement data exchange standards in their products and services.	Little progress	Delete
1	Disseminate information in the form of reports, effective practices, qualitative and quantitative data, and national trends to ensure the success of Nebraska digital education.		Add
1.1	Compile and create a guide for effective practices in the use of flexible learning technologies.	In progress	Continue
1.2	Locate and redistribute materials to Nebraska K-20 education, public and private.	New	Add
2	Expand awareness and address the need for equity of access as it relates to digital education		Retain as is
2.1	Identify opportunities and actions to ensure equitable access for students when away from school or campus.	In progress	Continue with minor modification
2.2	Education Council members will work in collaboration with other stakeholders to find solutions for accessible, reliable, secure, and affordable Internet access to support academic success.	In progress	Continue with minor modification
2.3	Identify and promote the use of accessible products and services to achieve equitable access	Little progress	Delete

Strategic Initiative, Action Item and Deliverable/Target		Status	2020-21 Recommendations
Network Nebraska			
1	Prepare for the future of Network Nebraska as a statewide, multipurpose, high capacity, scalable telecommunicatoins network that shall meet the demands of state agencies, lcoal governments, and educational entities as defined in section 79-1201.01.		Retain as is
1.1	The Network Nebraska Advisory Group (NNAG) Participant Criteria subcommittee and Office of the CIO (OCIO) staff will accommodate and enforce affiliate connections into Network Nebraska.	Completed	Delete
1.2	The Network Nebraska support team will use automated tools to monitor network utilization and uptime (COMPLETE) and develop a web-based graphic for real-time depiction of WAN circuits, backbone and Internet. (DISCONTINUE)	Completed/ Discontinued	Delete
1.3	The Network Nebraska support team will implement incident management (COMPLETE) and change control frameworks appropriate to the staffing of Network Nebraska. (MOVE TO ACTION ITEM 2.4)	Completed / Relocated	Delete
1.4	NNAG and the Collaborative Aggregation Partnership (CAP) will guide OCIO decisions regarding network capacity, services, and reliability.	In progress	Continue
1.5	Evaluate the effectiveness of the current Network Nebraska fee structures and address changes related to the associated business models as related to core function and additional services.	New	Add
2	The Education Council, OCIO/NITC staff, and Network Nebraska support staff will sufficiently and appropriately communicate to, and in support of, current and potential Network Nebraska Participants		Retain with modifications to wording
2.1	Develop and implement a communications strategy.	In progress	Continue
2.2	Conduct a <i>periodic</i> services survey of all Participants to guide direction and service development.	In progress	Continue with minor modification
2.3	Develop, maintain, and publish a catalog of Network Nebraska services comprised of services offered directly by Network Nebraska as well as member-offered services to other members.	New	Add
2.4	Enhance communications regarding change control events affecting Network Nebraska membership.	In progress	Continue

3	Review the NITC IT Security Initiative and cloud computing components of the State Government IT Strategy Initiative as drafted by the NITC State Government Council.		Discontinue
3.1	Develop applicable practices and strategies for security and cloud applications in educational environments.	No progress	Delete
3.2	Determine how to incorporate cloud and security strategies within Network Nebraska services.	No progress	Delete
3	Identify needs and deliver advanced services to Network Nebraska membership, including security, cloud computing, and education infrastructure, to meet the growing needs of members.		Add
3.1	Develop applicable practices and strategies for advanced services to be delivered across Network Nebraska in educational environments and determine how to incorporate them into the Network Nebraska business model.	New	Add
3.2	Select and implement additional value-added services for Network Nebraska members.	New	Add

Attachment 4-c

March 12, 2020

To: NITC Commissioners

From: John Watermolen, State GIS Coordinator
Michael Schonlau, Chair, GIS Council
Casey DunnGosslin, Vice Chair, GIS Council

Subject: GIS Council Report

GIS Council Updates

The GIS Council met on February 12, 2020 – Here are some highlights from that meeting.

22 of the 27 council members were present. The most that have attended.

Discussed and approved a change to the GIS Council Charter to address procedures if more than 1 person volunteers for an at-large position. The revised change is at the end of this document.

Nebraska's State Surveyor gave a presentation about the progress the State is making to make sure the State will be ready for the change to the 2022 Datum

Council member reports are in the update section

Nebraska Spatial Data Infrastructure (NESDI) Updates

Below are the updates for the Strategic Initiatives, which are also at the end of this document in table form.

Nebraska Statewide Imagery

Not much progress has been made. Only a few NRD's have suggested that they would be interested in cost sharing as part of an imagery subscription.

Nebraska Geodetic and Survey Control

State Surveyor is preparing for the implementation of the 2022 datum. OCIO GIO staff and State Surveyor submitted a grant project to the State Records Board in 2019. We finally received notification that the grant project was rejected by the State Records Board.

Nebraska Street Centerline and Address Program

Public Service Commission and their vendor are continuing to make progress on the NG911 data sets. The OCIO GIO staff and PSC are working to get the data into the Enterprise Geodatabase to share with other agencies and publish on NebraskaMap.

NebraskaMap

We have added several more applications and data sets for the public. One of the most popular features of NebraskaMap is the page that has all the different county assessor parcel viewers on it

Nebraska Statewide Elevation Program

Natural Resource Conservation Service, FEMA and U.S. Geological Survey are planning for a 2020 LiDAR Collection. The focus of this collection will be Northeast Nebraska. How much will be covered will be determined by the amount of

available funds. NRCS and the vendor are still working on finishing the collection that was part of the 2019 project because of flooding issues

State Agency and Partners GIS Updates:

OCIO

- Met with ESRI and agencies for this year's Enterprise Advantage Program (EEAP). We came up with several activities to help the state Enterprise and some support activities to help multiple agencies
- Response from ESRI premium support – Complemented State of Nebraska on pushing the limits of the software based on the number of bugs that we have found
- Department of Agriculture - piloting a mobile collection form on software that may be more efficient than current solution
- Department of Corrections- piloting a project to collect incident information at facilities to identify hot spots for analytical purposes
- Census gearing up for the actual Census
- Retiring old servers and working on infrastructure improvements and efficiencies
- Working with PSC NG911 to migrate the 911 data repository to NebraskaMap
- Creating a Fiber map and web application for a task mentioned in the Rural Broadband report

State Surveyor

- Gave a presentation on the 2022 datum changes that will affect just about anything related to survey, GPS and GIS

Game and Parks Commission

- Mapping campgrounds
- Updated Open Water Atlas
- Purchased an ELA from ESRI and will be standing up their own Enterprise Portal

Department of Natural Resources

- Hiring more GIS staff
- Utilizing GIS and LiDAR derived products for new flood mapping panels
- Gearing up for field season with mobile
- Story map related to last year's flood has been made public (add link) GIS applications
- Updating older applications to the new GIS environment an example would be a Groundwater Well application

Hall County

- Has stood up their own open data hub
- New hosted parcel viewer

Sarpy County

- GeoElection project on hold
- Rolling out new local applications

Department of Health and Human Services

- Preparing maps and data for potential flooding this spring
- Getting their DHHS data into the NEGIS Enterprise system

Nebraska Emergency Management Agency

- Working on web mapping applications to support operations
- Mobile damage assessment application

Department of Transportation

- Preparing for any flooding and using the mobile application and GIS data that was developed for last year flood events
- DOT districts starting to show more interest and usage of GIS

USGS-Federal Government

- Status of 2019 Lidar collection and shared proposed 2020 LiDAR collection

Industry-Precision Ag

- Working with ESRI to develop a plug-in in order to be able to import proprietary data from equipment. Information from state surveyor was very helpful to relay back to the Precision Ag community

NE GIS Educations

- Geofest was last December to help teachers understand and use GIS
- Promoting state story map contest and trying to get schools interested in competing

Douglas County

- Implementing a mobile food and beverage inspection application
- Rental property registration app based on new City of Omaha ordinance
- Internal crime dashboard for Omaha Police and soon Douglas County Sheriff
- Internal sludge app showing where sludge from waste treatment plant is being distributed to on farm fields

Public Service Commission

- New hire in November and PSAP boundary layer for NG911 is just about complete.
- Continuing to work on street centerlines and address points for NG911

Lincoln-Lancaster

- GIS colocation for City and County- Reinitiating their Open data governance board
- Location based tracking of equipment for applications such as snowplows
- Imagery collection potential to help detect EAB this summer

Nebraska State Patrol

- Internal application has gone live and working to develop other internal GIS based applications

Industry Surveying

- Many clients of engineering firms want apps for facility maintenance and asset management- goal of the Professional Survey Association Nebraska is to help promote surveying in GIS

Legislative Research

- Requests for maps from Senators for the current session and starting to focus on redistricting

University of Nebraska –Lincoln- Conservation and Survey

- Developing a LIDAR class for NRD's to help them be able to utilize the data

GIS Council Charter Amendment Approved 2/12/2020

This amendment is to address the selection process when there is more than 1 person nominated for any of the at-large or industry specific Council positions. This does not apply to state agency appointments. This amendment would fall under Section 6 - Membership

6.4.1 Voting for multiple nominees

When there are multiple nominees for an open position on the council, the GIS Council will follow the process described below:

Council members will vote on the nominated members. Each Council member has one (1) vote

The nominee receiving a majority of votes is selected.

If there is a tie, the Council members revote until a nominee receives a majority of the votes

If there are 3 or more nominees and no one receives more than half of the total number of votes gets a clear majority, then the following shall happen:

The nominee with the lowest vote total will be removed from consideration and those remaining will be eligible for another round of voting. This process will continue until one nominee receives a majority of the votes.

If after 3 consecutive votes result in a tie of the number of votes received by two or more nominees, then the GIS Council will be considered deadlocked, and will forward the names of each remaining nominee to the Nebraska Information Technology Commission (NITC) to make a decision

Report Date: March 12, 2020

NITC Strategic Initiatives Status Report			
Strategic Initiative, Action Item and Deliverable Target		Status	2019-2021
Nebraska Spatial Data Infrastructure (NESDI)			
1	Formalize the definition of the Nebraska Spatial Data Infrastructure (NESDI) and data stewardship		Continue As Is
1.1	Establish an ad hoc committee of GIS Council representatives	Completed	
1.2	Develop a document that defines the NESDI and the role of data stewardship	In Progress-NESDI is defined in the statewide technical plan	
2	Geodetic and Survey Control Inventory and Assessment		Continue As Is
2.1	Establish an ad hoc committee involving stakeholders from government, private industry and the survey community	Completed	
2.2	Develop a current inventory and assessment report of geodetic and survey control	In Progress- Nationwide in 2022 there will be a new datum implemented that will affect geodetic and survey controls- State Surveyor is the lead on this endeavor	
3	Nebraska Statewide Elevation Program		Continue As Is
3.1	Establish an Elevation Working Group	Completed	
3.2	Identify standard elevation product(s) and develop a set of standards	Completed	
3.3	Develop a business plan	Completed	
3.4	Implement the program	In Progress- USGS is working on the next plan for elevation data for the United States. The program is called 3DEP. Interested nonfederal partners have been surveyed and interviewed by the USGS and now	

		awaiting the final report. NRCS and FEMA has identified the 2020 collection area and NRCS is still working on the 2019 collection because of the flooding in 2019	
4	Nebraska Statewide Imagery Program		Continue As Is
4.1	Establish an Imagery Working Group	Completed	
4.2	Identify standard imagery product(s) and develop a set of standards	Completed	
4.3	Develop a business plan	Completed	
4.4	Implement the program	Not Started-Funding is the issue to implementing this initiative	

5	Street Centerline-Address Database		Continue As Is
5.1	Establish a Street Centerline and Address Working Group	Completed	
5.2	Identify standard street centerline and address product(s) and develop a set of standards	Completed	
5.3	Develop a business plan	In Progress	
5.4	Implement the program	In Progress- PSC is working with a vendor to QA/QC the data and collect missing data for Next Generation 911	
6	Statewide Land Record Information System		Continue As Is
6.1	Establish a Land Records Working Group	Completed	
6.2	Update the current NITC 3-202 Land Record and Information Mapping Standards	In Progress	
6.3	Develop a Nebraska Statewide Parcel Geodatabase Development and Maintenance Plan	Completed	
6.4	Implement the program	In Progress- OCIO staff is working with Department of Revenue to collect the information for 2019 Statewide Parcel data. Have done this project consistently for the past 3 years	
7	NebraskaMap-Geospatial Sharing Portal		Continue As Is
7.1	Establish a NebraskaMAP Working Group	Completed	
7.2	Develop NebraskaMAP Geospatial Data Sharing and Web Services Network Business Plan	In Progress	

7.3	Develop and implement NebraskaMAP data clearinghouse enterprise platform	In Progress- The current version of NebraskaMap (3.0) has been rolled out the public and continues to have data and applications added to the site	
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Attachment 4-d

March 4, 2020

To: NITC Commissioners
From: Anne Byers
Subject: Community Council Report

The Community Council met on February 19 with other interested stakeholders to discuss developing a collaborative community broadband outreach initiative. The group identified several next steps:

- **Coordinate with the Department of Economic Development.** Anne Byers met with Dan Curran to learn more about DED's plans to address broadband availability and to coordinate efforts.
- **Develop Case Studies of Successful Community Broadband Initiatives.**
- **Solicit New Community Council Members.** Bios of new nominees are included in the meeting materials.

Community Broadband Fact Sheets. The NITC Community Council and the Nebraska Library Commission have partnered to develop broadband fact sheets for all Nebraska counties. The fact sheets are available at <http://nlc.nebraska.gov/stats/broadband/>. We are currently looking at ways to more efficiently update the fact sheets.

Action Item. The Community Council approved one action item for the following year:

Work with the Nebraska Department of Economic Development and other stakeholders to explore the development of a collaborative broadband outreach effort.

New Member Nominations. The Community Council has several nominations for three new members: Judy Petersen, Central Nebraska Economic Development District; Dr. Mehmet Can Vuran, University of Nebraska-Lincoln; and David Young, City of Lincoln. Their bios are included on the following pages. I will be asking you to approve their nominations.

Community Council Nominations

Judy Petersen

Judy Petersen, Executive Director for the Central Nebraska Economic Development District, assumed her duties in January 2014, after serving as the Housing Director since 2006. Ms. Petersen is responsible for the organization's business, community and housing efforts within a 14-county region in North Central Nebraska. She is certified by the State of Nebraska to administer Community Development Block Grants (CDBG). She brings a strong desire to work with rural Nebraska communities to provide business, community and housing opportunities that will improve the quality of life for their residents, as well as the sustainability of their communities for the future. To date, CNEDD and its partner, Central Nebraska Housing and Economic Developers, have raised over \$10 million dollars to enhance communities in the region.

Mehmet Can Vuran

Mehmet Can (Jon) Vuran received his B.Sc. degree in Electrical and Electronics Engineering from Bilkent University, Ankara, Turkey in 2002. He received his M.S. and Ph.D. degrees in Electrical and Computer Engineering from Georgia Institute of Technology in 2004 and 2007, respectively.

Currently, he is the Susan J. Rosowski Professor of Computer Science and Engineering at the University of Nebraska-Lincoln. Dr. Vuran received an NSF CAREER award in 2010 for "Bringing Wireless Sensor Networks Underground". He was named a highly-cited researcher by Thomson Reuters three years in a row as a top 1% most cited researcher for Computer Science. He received a Parents Recognition Award from UNL Parent's Association in 2016. He is the co-author of Wireless Sensor Networks textbook, TPC Co-Chair of IEEE INFOCOM 2020, and an editor in Computer Networks Journal, IEEE Transactions on Mobile Computing, and IEEE Communications Surveys and Tutorials Journal. His current research interests include Internet of Things, rural broadband connectivity, underground communications, cognitive radio networks, and cyber-physical networks.

David Young

Chief Information Officer

City of Lincoln – Lincoln, Nebraska

Dates Employed Oct 2019 – Present

Employment Duration 6 mos

Location Lincoln, Nebraska

BDAC, Vice-chairman

Federal Communications Commission

Dates Employed Apr 2018 – Present

Employment Duration 2 yrs

Location Washington, District Of Columbia

Serving on the Broadband Deployment Advisory Committee.

CEO

David Young and Associates INC

Dates Employed 2012 – Present

Employment Duration 8 yrs

Deputy Director

Unified Government Of Kansas City, Kansas and Wyandotte County

Dates Employed Feb 2019 – Oct 2019

Employment Duration 9 mos

Location Kansas City, Kansas

Fiber Infrastructure and Right of Way Manager

City of Lincoln, NE

Dates Employed Jul 2012 – Feb 2019

Employment Duration 6 yrs 8 mos

Location Lincoln, Nebraska Area

Danny Rockhill

Loan Officer with a demonstrated history of working in the banking industry. Skilled in Budgeting, Operations Management, Sales, Farms, and Sales Management. Strong finance professional with a Bachelors of Science focused in Agri-Business from Wayne State College. ...

Experience

Loan Officer, BankFirst

Dates Employed Oct 2017 – Present

Employment Duration 2 yrs 6 mos

Location Wayne, Nebraska

Sales Representative, Company Name

Helena Chemical Company

Dates Employed Mar 2012 – Oct 2017

Employment Duration 5 yrs 8 mos

Location Pender, NE

Sales of chemical, fertilizers, seed, seed treatments, and other services. Supervise day-to-day management.

Maintain safety and compliance standards.

Keep the proper balance and coordination between sales and operations as to create a true team with the same goal. ... see more

Education

Wayne State College

Degree Name Bachelors of Science

Field Of Study Agri-Business

Dates attended or expected graduation 2006 – 2009

Community Council Strategic Initiatives Status Report and 2020-2021 Recommendations

March 2020

Strategic Initiative, Action Item and Deliverable/Target		Status	2020-2021 Recommendations
Rural Broadband and Community IT Development—2017-2018			
1	Support the efforts of communities to address broadband-related development by sharing broadband-related news and highlighting exemplary programs through the Broadband Nebraska newsletter, social media, and other activities through an expanded Nebraska Broadband Initiative. Lead	Completed	Completed.
1.1	1. At least 4 issues of Broadband Nebraska Newsletter per year		
	2. Other partnership activities		
2	Action: Expand awareness and address the need for digital inclusion and equitable broadband access through educational materials, best practices and community outreach.	Not completed. Efforts were refocused on Rural Broadband Task Force	A new action item is being developed which will replace this action item.
2.1	1. Develop and share educational materials and profiles of exemplary programs.		
2.2	2. Work with the Community Council, Education Council and Nebraska Broadband Initiative to develop an outreach program to help communities better understand and address digital equity issues.		
3	Action: Support the efforts of Network Nebraska and the Education Council to address digital equity and to explore partnerships to improve library broadband access.	Completed	Further efforts will be rolled into the new Community Council action item.

Rural Broadband and Community IT Development—New 2020-2021			
	Strategic Initiative, Action Item and Deliverable/Target	Status	2020-2021 Recommendations
1	Action: Work with the Nebraska Department of Economic Development and other stakeholders to explore the development of a collaborative broadband outreach effort.		New

Attachment 4-e

March 6, 2020

To: NITC Commissioners
From: Anne Byers
Subject: eHealth Council Report

Action Item. The eHealth Council met on March 6, 2020. Data governance was identified as a key issue. The Nebraska Department of Health and Human Services, the Nebraska Hospital Association, and NeHII are engaging in data governance activities. The eHealth Council is planning to meet again this summer to get updates on these initiatives and to discuss next steps.

The eHealth Council will continue working on the following action item

1. Action: Learn more about data governance and discuss follow-up steps including possibly forming a Data Governance Work Group

New Member Nominations.* Allison Wisco was nominated to represent the Nebraska Department of Health and Human Services Division of Medicaid and Long-term Care. I will be asking you to approve her nomination. Her bio is below:

Allison Wisco was raised in Sioux City Iowa. As a daughter of a physician and a physical therapist, she was introduced to the importance of accessible and appropriate healthcare at an early age. Professionally, she has advocated for appropriate healthcare for underserved populations for over a decade in her work for DHHS and agencies who serve individuals with developmental disabilities and traumatic brain injuries.

Allison has worked for the Nebraska Department of Health and Human services since 2011, where she has had many opportunities to serve the people of Nebraska. She has held several roles over the past nine years, in both the Division of Developmental Disabilities and the Division of Medicaid and Long-Term Care. She has managed the Medicaid EHR Incentive Program since 2019, and has worked with numerous providers to encourage meaningful use of electronic health record technology. She is currently the Medicaid IT Business Systems Compliance Supervisor, overseeing State health information technology initiatives and working with internal and external stakeholders to promote interoperability and health information exchange. Allison holds a bachelor's degree from Grinnell College and a Master of Business Administration from Concordia University. She is honored to be considered for participation in the eHealth Council and the crucial work it performs.

eHealth Council Strategic Initiatives Status Report and 2020-2021 Recommendations

March 2020

Strategic Initiative, Action Item and Deliverable/Target		Status	2020-2021 Recommendations
eHealth—2017-2018			
1	1. Action: Learn more about data governance and discuss follow-up steps including possibly forming a Data Governance Work Group	Completed	Completed.
1.1	1. The eHealth Council will meet on March 13, 2018 to discuss this issue and make initial recommendations as to next steps.		
2	2. Action: Learn more about how health IT can support public health, including the priorities identified in the 2017-2021 Nebraska State Health Improvement Plan, and discuss follow-up steps	Completed	A new action item is being developed which will replace this action item.
2.1	1. The eHealth Council will meet on March 13, 2018 to discuss this issue and make initial recommendations as to next steps.		
eHealth—New 2020-2021			
	Strategic Initiative, Action Item and Deliverable/Target	Status	2020-2021 Recommendations
1			New

Attachment 4-f

State Government Council Strategic Initiatives Status Report and 2020-2021 Recommendations

March 2020

Strategic Initiative, Action Item and Deliverable/Target		Status	2020-2021 Recommendations
State Government IT Strategy			
1	Single Help Desk Solution - Incident Management Implementation		Completed.
1.1	Migrate participating agencies in phases.	Completed.	
2	IT Cost Efficiencies		Retain with changes.
2.1	Enhance server virtualization and optimization.	Completed.	
2.2	Implement a configuration management database (CMDB) and full asset management processes.	Scheduled.	Revise completion date to June 2021.
3	Operationalize IT and Project Governance		Retain with changes.
3.1	Implement enterprise project governance at the agency level.	In progress. Completed for OCIO; continuation for DHHS.	Revise completion date to December 2020.
4	Consolidate on STN Domain		Retain with changes.
4.1	Implement phased migration.	In progress. 29 agencies completed; 1 agency in progress; 4 agencies scheduled.	Revise completion date to June 2021.
5	Data Center Consolidation		Retain with changes.
5.1	Implement phased migration.	In progress. 14 agencies completed; 4 agencies in progress.	Revise completion date to December 2020.
6	Network Migration (New World)		Retain with changes.
6.1	Implement phased migration.	In progress. 25 agencies/systems completed; 7 agencies/systems scheduled.	Revised completion date to June 2021.
6.2	Implement active/hot-standby configuration.	Completed.	
7	Enterprise Tool Consolidation		Completed.
7.1	Consolidate use of an enterprise Kronos tool.	Discontinued.	
7.2	Consolidate use an enterprise file sharing tool.	Completed.	
8	Application Process Maturation (DevOps)		Retain with changes. Revise completion date to June 2021.

8.1	Identify a single job scheduling tool.	Completed.	
8.2	Create a job scheduling team.	Completed.	
8.3	Identify a single software configuration management tool.	In progress.	
8.4	Create a configuration management team.	Completed.	
8.5	Identify a single application scanning tool.	Completed.	
8.6	Create a DevOps team.	Scheduled.	
8.7	Consolidate DBA team.	Scheduled.	
8.8	Identify .NET and Java programmers.	Scheduled.	
8.9	Develop process and procedures.	Scheduled.	
9	<u>Use Same Sign-on</u>		New.
<u>9.1</u>	<u>Implement same sign-on for certain enterprise applications</u>		
10	<u>Consolidated Onboarding/Offboarding/Transitioning</u>		New.
<u>10.1</u>	<u>Map onboarding/offboarding/transitioning workflow</u>		
<u>10.2</u>	<u>Implement onboarding/offboarding/transitioning workflow</u>		
<u>10.3</u>	<u>Consolidate on single toolset</u>		
11	<u>Application Portfolio Management</u>		New.
<u>11.1</u>	<u>Compile application inventories by agency</u>		
<u>11.2</u>	<u>Critical application assessment</u>		
<u>11.3</u>	<u>Application health check</u>		
<u>11.4</u>	<u>Application remediation</u>		
12	<u>Enterprise Content Management</u>		New.
<u>12.1</u>	<u>Infrastructure review and modernization</u>		
<u>12.2</u>	<u>Application review and modernization</u>		

IT Security			Close this strategic initiative.
1	Deploy mobile device management.		
1.1	Implement phased deployment of mobile device management	In progress. 23 agencies completed; 1 agency scheduled.	
2	Perform a complete IT hardware inventory of all state agencies.	Discontinued.	
2.1	Itemized list of IT related hardware used within the State of Nebraska network		
3	Perform a complete IT application inventory of all state agencies.	Moved to new action item, titled Application Portfolio Management, under State Government IT Strategy.	
3.1	Itemized list of applications used within the State of Nebraska network		
4	Complete Nebraska Security Operation Center.	Discontinued.	
4.1	Enterprise security operations centers in multiple locations 24 x 7 for redundancy		
4.2	Service level agreements with all participants		
4.3	Written charter		
5	Qualys scan tool implementation and enhancement.	Completed.	
5.1	Establish vulnerability scans for entire state network.	Completed.	