

AGENDA
NEBRASKA INFORMATION TECHNOLOGY COMMISSION
Varner Hall - Board Room
3835 Holdrege Street
Lincoln, Nebraska
Thursday, March 10, 2022
10:00 a.m. CT

Virtual Conferencing via Webex:

<https://sonvideo.webex.com/sonvideo/j.php?MTID=mc4333b32b8d44fce2586d633f284b0b2>

- I. ROLL CALL; MEETING NOTICE; OPEN MEETINGS ACT INFORMATION
- II. PUBLIC COMMENT
- III. APPROVAL OF NOVEMBER 4, 2021, MEETING MINUTES (*Attachment III*) *
- IV. REPORTS
 - A. EDUCATION COUNCIL (*Attachment IV-A*)
 - 1. Digital Education and Network Nebraska updates.
 - B. GIS COUNCIL (*Attachment IV-B*)
 - C. COMMUNITY COUNCIL (*Attachment IV-C*)
 - 1. Broadband update.
 - D. eHEALTH COUNCIL (*see Attachment IV-C*)
 - E. TECHNICAL PANEL
 - 1. Technical standards and guidelines.
 - a. Proposal 21. Amend the web domain name standard. (*Attachment IV-E-1-a*) *
 - b. Proposal 22. Amend access control provisions of the Information Security Policy. (*Attachment IV-E-1-b*) *
 - c. Proposal 23. Adopt a new section relating to Internet of Things devices. (*Attachment IV-E-1-c*) *
 - 2. Enterprise project status dashboard report. (*Attachment IV-E-2*)
 - F. CHIEF INFORMATION OFFICER (*Attachment IV-F*)
- V. OTHER BUSINESS
- VI. ADJOURN
[12:00 p.m.]

* 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. If you need interpreter services or other reasonable accommodations, please contact the Commission at 402-471-3560 at least five days prior to the meeting to coordinate arrangements.

Meeting notice was posted to the [NITC website](#) and the [Nebraska Public Meeting Calendar](#) on February 18, 2022. The agenda was posted to the NITC website on March 4, 2022. Virtual conferencing option added on March 9, 2022.

[Nebraska Open Meetings Act](#) | [Commission Meeting Documents](#)

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Attachment III

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Varner Hall - Board Room
3835 Holdrege Street, Lincoln, Nebraska
Thursday, November 4, 2021, 10:00 a.m. CT
MINUTES

MEMBERS PRESENT:

Ed Toner, Chief Information Officer, Chair
Senator Suzanne Geist, Nebraska Legislature
Shane Greckel, Greckel Farms, LLC
Dr. Terry Haack, Bennington Public Schools
Dorest Harvey, General Public
Dan Spray, Precision Technologies, Inc.
Gary Warren, Hamilton Telecommunications
Walter Weir, University of Nebraska

MEMBERS ABSENT: LaShonna Dorsey, Mutual of Omaha and Tom Nutt, Phelps County Commissioner

ROLL CALL; MEETING NOTICE; OPEN MEETINGS ACT INFORMATION

The Chair called the meeting to order at 10:05 a.m. Roll call was taken. A quorum existed to conduct official business. The meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on October 28, 2021. The agenda was posted to the NITC website on October 29, 2021. The Nebraska Open Meetings Act was posted on the south wall of the room and a link was included with the agenda.

PUBLIC COMMENT

There was no public comment.

APPROVAL OF JULY 8, 2021 MEETING MINUTES

Commissioner Haack moved to approve the July 8, 2021 minutes as presented. Commissioner Weir seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, and Weir-Yes. Results: Yes-5, No-0, Abstained-0. Motion carried.

Commissioners Spray and Warren arrived at the meeting.

REPORTS

EDUCATION COUNCIL

Tom Rolfes

Digital Education and Network Nebraska updates

The newest Network Nebraska RFP is nearing final form. It contains about 40 leased lit fiber circuits and about 20 Special Construction Matching E-rate Fund circuits for public libraries. Six public libraries took advantage of the Public Service Commission's Special Construction Matching E-rate funds for new fiber for 2021-22: Bancroft, Bayard, Beatrice, Clay Center, Verdigre, and Wymore. The average fiber construction cost per library was \$29,177, or an average of \$2,917 of State Matching Funds per library. Plans are being developed for core network upgrades over the next five to ten years, which may necessitate additional (non-Participant) funding. Network Nebraska has observed an uptick in Distributed Denial of Service attacks throughout the state, which is leading us to revisit our DDoS mitigation capacity.

The Office of the CIO has been involved in the Nebraska statewide eduroam pilot project for 2021-23 and is collaborating on the eduroam website and content to be shared with eligible K-12 entities. Thirty-eight

Participation Agreements have been approved since July 2021 with 17 more in process. The Network Nebraska status page (<https://status.networknebraska.net/>) has had favorable reviews, and the University of Nebraska's new AlertSense communications system is working well.

Network Nebraska is in support of cybersecurity awareness training to be made available to all schools, as well as multi-factor authentication, and external vulnerability testing. Zoom licensing decreased slightly to 33,570 non-University licenses in 2021-22.

Commissioners were given an opportunity for questions and answers. Discussion and questions centered around student driven cybersecurity attacks on the network. Mr. Rolfes will get information to commissioners as to who are participants of Network Nebraska. The question was asked as to who was involved in the Future Ready Digital Learning Collaborative Planning. Mr. Rolfes indicated that the Nebraska Department of Education, the ESU Coordinating Council and the Education Council have been involved in the planning and vetting of proposed activities.

GIS COUNCIL

John Watermolen, GIS State Coordinator

The GIS Council met on August 4 and November 3. The focus on the strategic initiatives will be how to include local governments data into NebraskaMap and how to manage data that has been updated and to keep the older versions. At the August meeting, the US Census Bureau presented about the redistricting data and about the differential privacy algorithms that were used on census data. The data was released in Mid-August. Nebraska was well represented at the 2021 ESRI User conference this year, which was held virtually. Approximately 107 Nebraskans were in attendance. The state's GIS symposium was held Monday, November 1, and Tuesday, November 2. There were a lot of good presentations. There were college students presenting their class projects along with the winners of last year's State Story Map contest. Kansas is creating an open data portal and a separate one for archived data. The council is exploring this possibility.

The council will be reviewing standards and guidelines. LIDAR data will be QL2 and should be available sometime next year. QL2 allows engineers to make design decisions.

Mr. Watermolen will get agency cost savings information to the commissioners. Mr. Watermolen was congratulated on being elected to the National States Geographic Information Council (NSGIC) Board of Directors.

COMMUNITY COUNCIL

Anne Byers

The Community Council met on Monday, October 25 and recommended the nominations of three new members: Debora Robertson, director of the Kilgore Memorial Library in York; Karen Connell, director of the Columbus Public Library; and Rick Nelson, general manager of Custer Public Power District and interim general manager of the Nebraska Rural Electric Association. Resumes and bios were included in the meeting materials.

Commissioner Harvey moved to approve Debora Robertson, Karen Connell and Rick Nelson as new members on the Community Council. Commissioner Warren seconded. Roll call vote: Weir-Yes, Warren-Yes, Spray-Yes, Harvey-Yes, Haack-Yes, Greckel-Yes, and Toner-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Nebraska Broadband Bridge Program (NBBP). The Nebraska Broadband Bridge grant program was created by LB 388 which was enacted in 2021. State funding of \$20 million per year for two years was appropriated for the program. The first round of applications were due October 1. Over 70 applications were received requesting approximately \$31 million. Challenges are due November 5. Grants will be announced on January 4, 2022.

Broadband update. The Rural Broadband Task Force approved their 2021 report to the Legislature and Governor Ricketts on October 18. The executive summary is included in the meeting documents. The report is available at <https://ruralbroadband.nebraska.gov/reports/2021/2021Report.pdf>

TECHNICAL PANEL

Ed Toner, Technical Panel member

Technical standards and guidelines

Proposal 20. Amend the remote access standard

Patrick Wright

Mr. Wright reviewed the changes to the remote access standard. The Technical Panel recommends approval.

Commissioner Harvey moved to approve Proposal 20. Commissioner Greckel seconded. Roll call vote: Weir-Yes, Warren-Yes, Spray-Yes, Harvey-Yes, Haack-Yes, Greckel-Yes, and Toner-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Projects

Approval of enterprise project designation for the following project: Transfer of OPS Retirement Systems to NPERS (Nebraska Public Employees Retirement System)

The Technical Panel recommended that the project be designated as an enterprise project.

Commission Weir moved to designate the Transfer of the OPS Retirement Systems to NPERS (Nebraska Public Employees Retirement System) as an enterprise project. Commissioner Harvey seconded. Roll call vote: Spray-Yes, Harvey-Yes, Haack-Yes, Greckel-Yes, Toner-Yes, Weir-Yes, and Warren-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Enterprise project status dashboard report

Mr. Toner provided an update on the status of the enterprise projects.

CHIEF INFORMATION OFFICER

Ed Toner

Office of the CIO Organizational Changes. Jayne Scofield, Network Services Administrator, has taken a new position with the Legislature. Jeff Cadwallader has taken Jayne's position. Jeff has been with the OCIO Network Services team for several years.

OTHER BUSINESS

There was no other business.

ADJOURNMENT

Commissioner Haack moved to adjourn. Commissioner Warren seconded. All were in favor. Motion carried.

The meeting was adjourned at 12:12 p.m.

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

Attachment IV-A

TO: NITC Commissioners

FROM: Tom Rolfes, Education I.T. Manager

DATE: March 3, 2022

RE: Education Council Report & Update

The Education Council met on December 15 and February 16 since the NITC's last meeting.

Discussions surrounded the **Digital Education** and **Network Nebraska** Action Items and the Nebraska Department of Education's Future Ready Digital Learning Collaborative (FRDLC) GEER-funded initiatives. At the December 15 meeting, the Council invited guest speakers from the Midwest Higher Education Consortium's *Credential Engine* and discussed the implications for Nebraska's higher education institutions.

Digital Education Action Item Highlights/Update

- 1.1 Future Ready Nebraska K-12 District Technology Profile samples usage across multiple areas including learning management systems, number of computing devices, enterprise software, etc...
- 2.1 Student home internet access can be improved by pursuing mobile cellular hotspots, Nebraska Broadband Bridge Program grants, Low Earth Orbiting satellite service, and eduroam installations.
- 2.2 There is a critical need to pinpoint the student and staff households that are unserved and underserved. Efforts are underway to develop a statewide speed test software system to be installed on every district-owned student computing device so that speed tests could be automated and geocode locations captured and mapped.

Network Nebraska Action Item Highlights/Update

- 1.1 Network Nebraska has upgraded its Arbor DDoS protection to 20Gbps and early indications are that this will be a constant struggle to stay ahead of the frequency and capacity of future attacks. [RFP 6616](#) saw nine bidder responses translate to 79 successful circuit awards. More groundwork needs to be laid with potential bidders for the E-rate Special Construction Matching Fund. Internet Orders for 2022-23 are up 7.2% for higher education and 9.5% for schools and libraries.
- 1.2 The .25 Network Nebraska fee structure for small bandwidth participants may help some of the rural public libraries to consider joining Network Nebraska.
- 2.1 The OCIO's new Public Information Officer, Cole Bauer, issued a [news release](#) for Network Nebraska.
- 2.2 More work needs to be done to query Network Nebraska Participants about their technology needs.
- 2.3 The Annual Fee Memo is one mechanism for communicating Network Nebraska's service catalog.
- 2.4 Network Nebraska change management has improved with the [NN Status Page](#) and use of AlertSense.
- 3.1 Statewide services are being proposed in partnership with NDE and the ESU Coordinating Council:
 - 3.1.1 Statewide cybersecurity awareness training for 25,000 K-12 staff and 100,000 students
 - 3.1.2 Statewide multi-factor authentication software is going to be available
 - 3.1.3 Statewide data analytics software system for K-12 student achievement
 - 3.1.4 Statewide eduroam federated authentication system for K-12 schools and service providers
 - 3.1.5 Statewide network vulnerability and penetration testing
- 3.2 Customized backbone circuits and disaster recovery storage were instrumental in OPPD considering Network Nebraska membership.

Education Council Strategic Initiatives
Status Report and 2022-2023 Recommendations

March, 2022

| Strategic Initiative, Action Item and Deliverable/Target | | Status | 2022-23 Recommendations | Descriptors |
|--|--|-----------------|--------------------------|--|
| Digital Education | | | | |
| 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. | | Major Revision | |
| 1.1 | Conduct a collaborative project to identify the scope and usage of digital education across all levels of education across the state of Nebraska. | Little progress | Consider Discontinuation | e.g. Future Ready Nebraska K-12 District Technology Profile from NDE |
| 1.2 | Identify the metrics and measure the impact of the use of digital education in student academic preparedness. | Little progress | Consider Discontinuation | |
| 1.3 | Evaluate the effectiveness of the use of flexible learning technologies and create a guide for effective practices in the use of flexible learning technologies (e.g. flipped classroom, blended learning, OER, fully online instruction, etc....) | Little progress | Major Revision | |
| 2 | Expand awareness and address the need for equity of access as it relates to digital education. | | Retain as is | |
| 2.1 | Work in collaboration with other stakeholders to find solutions for accessible, reliable, secure, and affordable Internet access to support academic success. | In progress | Continue | e.g. Mobile cellular hotspots, Broadband Bridge Program funding, Low Earth Orbiting satellite service, eduroam pilot project, etc... |
| 2.2 | Identify opportunities and actions to ensure equitable access for students when away from school or campus. | In progress | Continue | e.g. Digital equity data gathering, speed test mapping |

| Strategic Initiative, Action Item and Deliverable/Target | | Status | 2022-23 Recommendations | Descriptors |
|--|---|-----------------|----------------------------|---|
| 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 | NNAG and CAP will help guide the Office of the CIO (OCIO) decisions regarding network capacity, services, and reliability. | In progress | Continue | e.g. Upgrading Arbor DDoS protection, RFP 6616, increased Internet capacity |
| 1.2 | Evaluate the effectiveness of the current Network Nebraska fee structures and address changes related to the associated business models as related to core functions and additional services. | In progress | Continue | e.g. .25 Fee structure for small public libraries |
| 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 as is | |
| 2.1 | Develop and implement a communications strategy. | In progress | Continue | e.g. OCIO Public Information Officer is assisting |
| 2.2 | Conduct a periodic services survey of all Participants to guide direction and service development. | Little progress | Continue | e.g. Fall 2019 Cybersecurity services survey |
| 2.3 | Develop, publish, and maintain a catalog of Network Nebraska services comprised of services offered directly by Network Nebraska as well as member-offered services to other members. | In progress | Continue | e.g. Page 3 of the Annual Fee Memo |
| 2.4 | Enhance communications regarding change control events affecting Network Nebraska membership. | In progress | Continue | e.g. University of Nebraska has improved outage and maintenance communications, implemented a status website, and replaced OneCallNow with AlertSense |
| | | | | |

| | | | | |
|----------|---|-------------|---------------------|---|
| 3 | Identify needs and deliver advanced services to Network Nebraska members, including security, cloud computing, and education infrastructure, to meet the growing needs of its membership. | | Retain as is | |
| 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. | In progress | Continue | e.g. NNAG and CAP monthly meetings |
| 3.2 | Select and implement additional value-added services for Network Nebraska members. | In progress | Continue | e.g. Zoom licensing and ancillary services, DDoS protection, customized backbone circuits, rack hosting |

Attachment IV-B

March 1, 2022

To: NITC Commissioners

From: John Watermolen, State GIS Coordinator

Ryan Werner, Chair, GIS Council

Tim Erickson, Vice Chair, GIS Council

Subject: GIS Council Report

GIS Council Update - We had our GIS Council meetings on February 2, 2022. There was a discussion about the pilot project to include local data into NebraskaMap, the state's GIS Clearing house. The pilot project was very successful and easy to accomplish. Documentation was provided to the local governments if they are interested in sharing data through NebraskaMap.

The council discussed the NITC Elevation Standards and that they matched the first version of the USGS standards for LIDAR collection. At our May meeting, we are hoping to vote to adopt the current USGS 3DEP Elevation standards as the state of Nebraska standards.

The council discussed the need for reconvening the boundary working group to discuss and identify authoritative data sources and stewards of the data. Currently we have about 6 people who volunteered and are in the planning process of scheduling the first meeting. One of the issues to be considered is municipal boundaries and the confusion among who is a steward.

Discussion among several entities on the council about data sharing and working with federal entities regarding critical infrastructure data during times of emergency

GIS Day- We had GIS Day presentations from a variety of state agencies, showcasing how they are utilizing GIS in their agencies. It was well attended and was a good opportunity to network and share ideas.

Update from Council Members:

Office of the Chief Information Officer (OCIO) Continue to monitor and manage NEGIS the state's GIS infrastructure. We just upgraded our test environment and are starting the planning process for our production environment. We continue to support agencies with application development and general technical support to the agencies. We are working with NACO and Department of Revenue to see if it would be viable to have a statewide parcel dataset available for public consumption. This would help fit into the Nebraska Spatial Data Infrastructure and Framework, along with the National Spatial Data Infrastructure and Framework. We received our most recent grade from the National States Geographic Information Council (NSGIC) Geospatial Maturity Assessment report. The report summary is attached to this document, for your review. We have helped Nebraska Emergency Management Agency create informational web pages that can be displayed quickly and have the ability for easy editing during emergency incidents. These pages will have current information about the incident plus hyperlinks to various resources related to the type of incident. We have interviewed to fill a vacancy on the OCIO GIO team and hope to have it filled soon.

Game and Parks Commission (NGPC) Starting with spring field collection season to help update various data layers.

Legislature Research Office – Redistricting aftermath, recovering from all the map requests, getting all caught up

Department of Natural Resources (DNR) has implemented an ice jam reporting tool and the results also get shared to NEMA. DNR Floodplain division has started work on flood inundation mapping project. Looking at redoing a FEMA map service that continues to have issues and make it just for Nebraska. Working with OCIO, DOT and ESRI to help resolve an issue with offline basemaps to help with field collection. This is a higher priority because of getting close to field season.

Sarpy County – They went live with a new CAMA and parcel service

Department of Health and Human Services (DHHS) DHHS hired a GIS coordinator to help advocate for the utilization of GIS within the agency. They continue to provide maps for various public health issues.

Department of Transportation (DOT) continues to build applications to help their business needs. They are starting on a migration from Geomedia to ESRI project for their cartography group and linear referencing system. Working with ESRI, DNR and OCIO on the offline basemap issue.

Public Service Commission (PSC) continues to work on getting the GIS related data ready for Next Generation 911 implementation. Address points are 90% complete statewide. They are working on broadband maps and applications to help identify opportunities for rural broadband. 1st PSAP – South Central Nebraska using next generation 911

Nebraska State Patrol (NSP) had a good test of a GIS solution to help with incident management. They have scheduled 2 more tests for the end of March and into April to test additional functionality that wasn't available in the previous exercise.

Department of Environment and Energy (NDEE) Moving forward with utilizing GIS more within the agencies. NDEE is moving forward with a drone program.

Lincoln/Lancaster – Upgrade complete to 10.9.1 Enterprise for their system. Working on a GIS quick capture project to do a sidewalk inventory/assessment to identify sidewalks that need repair. Current GIS Manager announced his resignation from the city.

Professional surveyors – working with their internal GIS workgroup to help GIS staff transition to the new datum, when it is implemented

Douglas County – Working with Sarpy and Lancaster on a new LIDAR collection project. They have wrapped up their redistricting efforts. Working with Sheriff's office on some internal and external dashboards

Public Power Districts – Spring data collection and GIS upgrades

Nebraska Geospatial Professionals – a team of students from the Omaha Zoo Academy took 3rd place in an ESRI sponsored story map competition. The topic was the world's oceans.

University of Nebraska- Several more staff to help do research

Precision Ag industry – Discussed using block chains for farm products (cattle and grains) and carbon credits from farm properties. I have worked with this individual taking data from a planter and harvester and plotting the results using GIS software, which works much more efficiently than the solution he had at his disposal.

GEOSPATIAL MATURITY ASSESSMENT 2021

Nebraska Report Card

Overall Grade: B

| COORDINATION | GRADE: A |
|-----------------------|----------|
| STATE-LED THEMES | GRADE |
| Address | B - |
| Cadastre | C |
| Elevation | A - |
| Orthoimagery Leaf-Off | D |
| Transportation | B |
| FEDERAL-LED THEMES | GRADE |
| Geodetic Control | B - |
| Government Units | A |
| Hydrography | B + |
| Orthoimagery Leaf-On | A - |

METRICS:

A - Superior
B - Above average

C - Average
D - Below average

F - Failure
N/A - Not Applicable

The National States Geographic Information Council Geospatial Maturity Assessment provides NSGIC members and other partners with a summary of geospatial initiatives, capabilities, and issues within and across state governments. The NSGIC GMA now produce report cards for each state on central data themes and coordination topics. The assessment is performed every two years.

NEBRASKA GMA RESPONSE

Nebraska is satisfied with the grade it received in the 2021 Geospatial Maturity Assessment (GMA). Nebraska's consolidated Enterprise Platform continues to be effective within state government and continues to be utilized by an increasing number of state agencies. The partnership between state agencies and Esri and other vendors continues to strengthen. Recently, Nebraska entered into an Enterprise Agreement to help with GIS growth within the state.

Nebraska is still lacking the funding for LiDAR and imagery collection. The state is very appreciative of the federal agencies in the state who continue to fund and manage these projects. Within the next two years, Nebraska will have complete LiDAR coverage at a QL2 level.

The Nebraska State Surveyor's office has been educating GIS professionals and surveyors about the new geodetic datums that are part of the NGS 2022 initiative.

John Watermolen
State GIS Coordinator

Attachment IV-C

March 3, 2022

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

Nebraska Broadband Bridge Program

The NPSC recently awarded \$19.2 million in funding to 61 projects to connect 12,634 locations in the Nebraska Broadband Bridge program's first grant cycle. Here are links to additional information on the awards:

- The [Nebraska Broadband Map](#) includes a layer for the awards.
- [List of Awards—Jan 4, 2022](#)
- [Additional Award-Feb. 1, 2022](#)

Federal Broadband Funding

Nebraska is expected to receive more than \$200 million for broadband deployment and broadband-related projects and at least \$7.5 million for digital equity planning and implementation projects from the American Rescue Plan Act and the Infrastructure Investment and Jobs Act.

- Nebraska is expected to receive **\$128.7 million** from the **American Rescue Plan Act's Capital Projects Fund** for broadband deployment, digital equity, or community facilities which enable work, education and health monitoring.
- Nebraska is expected to receive a **minimum of \$100 million** from the **Infrastructure Investment and Jobs Act (IIJA) Broadband Equity, Access and Deployment (BEAD) Program**. In order to receive BEAD implementation funds, states must first develop a broadband plan.
- States can also receive a minimum of **\$300,000** through the **State Digital Equity Capacity Grant Program Planning Grant program** to develop a digital equity plan with the opportunity to apply for a minimum of **\$7.2 million** in implementation funding over 5 years through the **State Digital Equity Capacity Grant program**.

More detailed information on these funding programs is available in the table following this memo.

States and federal agencies need better data about where broadband is available in order to effectively distribute broadband deployment funding. The FCC's current data collection effort requires broadband providers to report broadband availability by census block which can overstate broadband availability. The FCC is slowly improving its broadband availability and data collection process.

Broadband providers are required to report broadband availability by location as of June 30, 2022 by Sept. 1, 2022 using the new Broadband Data Collection process. The new system includes checks and validation and should reduce the amount of time between data collection and publication. A protest over the contract for the broadband serviceable location fabric slowed down progress on the map. The protest was resolved on Feb. 24. At a State Broadband Leaders Network meeting on March 1, FCC staff indicated that the data from the map will largely be publicly available. No estimate on when the new map will be available was given.

Preparing for and administering federal broadband programs is more like a marathon than a sprint. It takes time for the federal funding agencies to develop their rules and processes and to approve applications. When states receive their funding, it will also take time for states to develop and submit applications and plans, to develop their rules and processes, and to approve applications.

Key Broadband Funding Dates

| | |
|----------------|---|
| Dec. 28, 2021 | Deadline for states to apply for Capital Projects Funding |
| To date | Treasury has countersigned contracts with all states for the Capital Projects Fund. States can submit grant plans and program plans which must be approved by Treasury. |
| Mid-May, 2022 | Notices of Funding Availability for the Broadband Equity, Access and Deployment Program (BEAD), State Digital Equity Capacity Planning Grant program, and Middle Mile program are expected to be released |
| Mid-July, 2022 | Applications for the Broadband Equity, Access and Deployment Program (BEAD), State Digital Equity Capacity Planning Grant program, and Middle Mile program are expected to be due |
| Sept. 1, 2022 | Deadline for broadband providers to submit broadband availability data to FCC for new map |
| Sept. 24, 2022 | Deadline for states to submit Capital Projects grant plans |
| ?? | FCC releases updated broadband map. Challenge process begins. |
| ?? | NTIA utilizes the new FCC broadband availability data to determine the amount of funding each state will receive from the BEAD program |

Bills Which Would Impact the Administration and Implementation of Federal Broadband Funding

LB1144 – Friesen - Change provisions relating to the Nebraska Telecommunications Regulation Act and the Nebraska Broadband Bridge Act

Transportation and Telecommunications Committee Priority Bill

LB 1144 would reduce the match for the Broadband Bridge Program to 25% for high cost areas, making the matching requirement more consistent with the matching requirement for the BEAD program.

LB914 – Bostelman - Require the Public Service Commission to create and maintain a broadband map and data repository

LB 914 requires the Public Service Commission (PSC) to create and maintain an official Nebraska location fabric broadband access map and repository on or before July 1, 2024.

Fiscal Note: \$769,511 for FY 2022-23 and \$664,152 for FY 2023-23

This could potentially be covered by administrative funding from the IJA BEAD program.

LB1253 – Wayne- Require the Department of Economic Development to apply for grants from the federal Coronavirus Capital Projects Fund and provide requirements for use of the grant funds

Placed on General File with AM1858

AM 1858 would allocate 50% of the state's \$128.7 million in Capital Projects funding for eligible projects in qualified census tracts.

2022 Qualified Census Tracts in Nebraska include:

- Omaha and Winnebago Reservations
- Parts of the following communities
 - Omaha
 - Lincoln
 - South Sioux City
 - Fremont/Inglewood/Fremont Lakes
 - Hastings
 - Norfolk
 - Kearney
 - Scottsbluff

A map of Qualified Census Tracts is available at https://www.huduser.gov/portal/sadda/sadda_qct.html

Since most of these areas would likely not be eligible for broadband deployment projects, most of the funding allocated to qualified census blocks would likely be used for community facilities that enable work, education and health monitoring.

Community and eHealth Councils Can Support Broadband Deployment and Digital Equity Planning

The Infrastructure Investment and Jobs Act includes requirements for stakeholder involvement in developing state digital equity and broadband deployment plans. The Community and eHealth Councils will likely play a role in facilitating stakeholder involvement.

The Community Council will meet on March 14 and will discuss their involvement in statewide broadband deployment and digital equity planning efforts. The Community Council is also helping with community outreach including developing some additional case studies/lessons learned on developing broadband public-private partnerships. The eHealth Council will meet on March 31 to discuss their involvement in statewide broadband deployment and digital equity planning efforts.

Other Broadband-Related Bills 2022

[LB 699](#) - Kolterman - Appropriate federal funds to the Department of Economic Development for grants to improve technology infrastructure (\$100 million ARPA State and Local Fiscal Recovery Fund)

[LB731](#) – J. Cavanaugh - Provide requirements under the Small Wireless Facilities Deployment Act

[LB761](#) – Dorn - Adopt the Precision Agriculture Infrastructure Grant Act (\$10 million ARPA State and Local Fiscal Recovery Fund)

[LB703](#) – Williams - Appropriate federal funds to the University of Nebraska for an agricultural innovation facility

[LB916](#) – Wayne -Adopt the Rural Municipal Broadband Access Act

[LB1021](#) – Friesen - Provide for regulation of certain telecommunications companies by the Public Service Commission

[LB1101](#) – Bostelman - Change provisions relating to the Nebraska Telecommunications Universal Service Fund and the Nebraska Broadband Bridge Act

[11194](#) – McConnell— Appropriate federal funds to the Public Service Commission for public safety answering points and cloud-based software services to process 911 emergency calls

[LB1208](#) – Friesen - Adopt the Broadband Pole Replacement Fund Act and appropriate federal funds \$15,000,000 ARPA State and Local Fiscal Recovery Fund

[LB1214](#) – Geist - Change provisions of the Nebraska Broadband Bridge Act

[LB1234](#) – Friesen-Provide for an expedited method of authorizing telecommunications wires to cross railroad rights-of-way

Other Bills

[LB959](#) – McCollister - Appropriate federal funds to the Department of Health and Human Services for the statewide designated health information exchange

[LB908](#) – McDonnell - Provide additional requirements for virtual conferencing under the Open Meetings Act

[LB1112](#) – McKinney - Adopt the Computer Science and Technology Act and provide graduation requirements and academic content standards

Community Council Action Items 2020—Update

Action: Work with the Nebraska Department of Economic Development and other stakeholders to explore the development of a collaborative broadband outreach effort to help communities improve broadband availability.

Status: Stalled due to COVID-19

Action: Develop a series of case studies illustrating successful strategies and models that communities can use to improve broadband.

Status: [Eight case studies](#) were completed in 2020. Additional interviews were conducted this year for a new set of case studies or a list of lessons learned.

eHealth Council Action Items 2020—Update

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

Status: Stalled due to COVID-19

Tentative Broadband Funding Timeline

March 4, 2022

Nebraska Broadband Bridge Program

2022 Nebraska Broadband Bridge Program—\$20 million available

April 25 Application Materials Available

July 5 Applications Due July 5

2023 Nebraska Broadband Bridge Program—We don't know the exact amount available yet but potentially/probably much more than the \$20 million available in 2022

Late April Application Materials Available

July 1 Applications Due

2024 Nebraska Broadband Bridge Program—We don't know the exact amount available yet but potentially/probably much more than the \$20 million available in 2022

Late April Application Materials Available

July 1 Applications Due

2025 Nebraska Broadband Bridge Program? —We don't know the exact amount available yet or if there would be a 2025 round

Late April Application Materials Available

July 1 Applications Due

Communities, counties and/or regions that have organized, assessed their current broadband availability and needs, and talked to providers (and/or developed a broadband plan), are more likely to have a provider submit an application.

State Digital Equity Grants

Starting in 2023 or 2024, there will probably be over \$1 million available annually for five years for digital equity grants through a state program. *Communities, counties and/or regions that have completed a digital equity plan will be much better prepared and positioned to apply for these grants.*

Digital Equity Competitive Grants (NTIA)

Starting in 2023 or 2024, there will probably be approximately \$250,000,000 a year for 5 years available for competitive digital equity grants administered by the NTIA. *Communities, counties and/or regions that have completed a digital equity plan will be much better prepared and positioned to apply for these grants.*

Nebraska Universal Service Fund

In addition, the Nebraska Public Service Commission funds broadband projects through the Nebraska Universal Service Fund. The Nebraska Public Service Commission will likely implement a reverse auction of funding to build out broadband in portions of unserved Frontier exchanges this year. The Nebraska Broadband Map (<https://broadbandmap.nebraska.gov>) shows the project areas funded by the NUSF in 2021.

Federal Broadband Funding Programs

| | American Rescue Plan Act Broadband Funding for States | | Infrastructure Investment and Jobs Act/ Bipartisan Infrastructure Law |
|---|---|--|--|
| | State & Local Fiscal Recovery | Capital Projects | Broadband Equity, Access & Deployment Program |
| Funding available | State of Nebraska: \$1,040,157,440.40 Counties: \$375,736,074 Metropolitan Cities: 176,030,046 Non-entitlement Units: \$111,189,720 | U.S.: \$10,000,000,000 Nebraska: \$128,740,178 Each Tribal Government: \$167,504 | U.S.: \$42,450,000,000 Nebraska: \$100,000,000+ |
| Administrative/ Planning Funding Available | | 5% or \$6.4 million | 5% Pre-Deployment Planning 2% Administration of grant |
| Uses of Administrative/ Planning Funding | | Costs of administering grant fund, providing technical assistance | Pre-Deployment: Research, data collection, outreach, technical assistance, employee training, broadband office |
| Areas eligible for broadband funding | Final Rule: Areas with identified need for additional broadband investment; Prioritize locations lacking reliable wireline 100/20 Interim Final Rule: Areas lacking reliable, wireline 25/3; Avoid locations with agreements to build wireline 100/20 by Dec. 2024 | Areas without reliable wireline 100/20 (encouraged). If justified, can fund projects in areas with other funding commitments. | Unserved (lacking 25/3) and Underserved (lacking 100/20) |
| Eligible Uses | Public Health and Economic Impacts Premium Pay Revenue Loss Infrastructure Water and Sewer Broadband | Directly enable work, education and health monitoring & address critical needs Broadband Infrastructure Projects Digital Connectivity Projects Multi-Purpose Community Facility Projects | Unserved and underserved service projects Data collection and broadband mapping Connecting anchor institutions Service to multi-family buildings Broadband Adoption |
| Build out requirements | 100/100 Mbps (unless not practicable) Or 100/20 but scalable if impracticable | 100/100 Mbps- (unless impracticable) Fiber preference | 100/20 Mbps |
| Application dates | — | Deadline to Request Funding: December 27, 2021 Deadline to Submit Grant Plan: September 24, 2022 | Funding allocated after new FCC map available. Notice of Funding Opportunity issued 180 days after enactment inviting states to submit letter of intent. Letter of intent approved—get 5% for planning; must develop & submit broadband plan Initial proposal approved—get 20%+ Final proposal approved—get remaining \$ |
| Required Completion/ Obligation Dates | Funds obligated by Dec. 31, 2024; Projects complete by Dec. 31, 2026 | All funds must be expended by December 31, 2026 | Broadband service to all customers 4 years after receipt of the subgrant |
| Match Requirements | None specified | None specified | 25% except in high cost areas |
| Notes | Treasury encourages recipients to prioritize broadband networks owned, operated or affiliated with local governments, nonprofits, and cooperatives | Treasury encourages Recipients to prioritize broadband networks owned, operated or affiliated with local governments, nonprofits, and cooperatives. | States may not exclude cooperatives, nonprofit organizations, public-private partnerships, private companies, public or private utilities, public utility districts, or local governments from eligibility for grant funds. |

Digital Inclusion and Middle Mile Grant Programs (Infrastructure Investment and Jobs Act)

| | State Digital Equity Capacity Grant Program Planning Grants | State Digital Equity Capacity Grants | Digital Equity Competitive Grant Program | Middle Mile Grants | Affordable Connectivity Fund |
|---|--|--|---|--|---|
| Funding available | Appropriation: \$60,000,000 Minimum State Award: \$300,000 (.5 percent of total) | Appropriation: \$240,000,000 for fiscal year 2022 \$300,000,000 for fiscal years 2023-2026 Minimum award: \$1,200,000 year 1 \$1,500,000 in fiscal years 2023-2026 \$7.2 million minimum over 5 years 3% Administration | Appropriation: \$250,000,000 a year for first five fiscal years | Appropriation: \$1,000,000,000 for fiscal years 2022 through 2026 | Appropriation: \$14 billion (from news reports) Amends the Emergency Broadband Benefit Fund to the Affordable Connectivity Fund. Provides \$30 a month subsidy for broadband |
| Eligible Uses/Other Requirements | States receiving a planning grant will be required to develop a State Digital Equity Plan one year from the date of the award. | <ul style="list-style-type: none"> Implement the State Digital Equity Plan and pursue digital inclusion activities consistent with the State Digital Equity Plan Evaluate the efficacy of the digital inclusion efforts | <ul style="list-style-type: none"> Develop and implement digital inclusion activities Implement training programs that cover basic, advanced, and applied skills—or other workforce development programs, Make available equipment or digital network technology for broadband services Requires 10% match | Middle-mile infrastructure is any broadband infrastructure that does not connect directly to an end-user. Requires 30% match | Amends the Emergency Broadband Benefit Fund to the Affordable Connectivity Fund Provides \$30 a month subsidy for broadband for individuals with low incomes. Provides a \$100 subsidy for devices (not smartphones). |
| Timing | Beginning in the first fiscal year after enactment, the NTIA will award planning grants. State must apply no later than 60 days after the NOFA is issued. | Capacity grants will be awarded not later than 2 years after planning grants are awarded States must apply no later than 60 days after the NOFA is issued. States have five years to spend their grant awards. | Grants are to be used for no more than 4 years | NTIA has 6 months to issue a notice of funding opportunity about the new program. Awardees must complete construction within five years. | |

| Competitive Grant/Loan Program—Federal | | | | |
|---|--|---|--|---|
| | USDA Reconnect | NTIA Broadband Infrastructure Program | Tribal Broadband Connectivity Program | Connecting Minority Communities Pilot Program |
| Funding available | U.S.: \$1.15 Billion | U.S. \$288 Million | U.S.: \$980,000,000 NTIA will allocate up to \$500,000 to each of the Federally Recognized Tribes | U.S.: \$268,000,000 |
| Eligible Entities | Corporations, LLCs and LLPs, cooperatives, state or local governments, Indian Tribes | Public-Private Partnerships | Eligible Native American, Alaska Native and Native Hawaiian entities | 1) a historically Black college or university (HBCU); (2) a Tribal College or University (TCU); (3) a Minority-serving institution (MSI); or (4) a consortium |
| Areas eligible for broadband funding | Areas lacking 100/20 Areas lacking 25/3 score higher Can be used in RDOF areas. Points awarded for areas with low pop density, economic need, socially vulnerable communities, tribal lands, and non-telco applicants | A census block in which 25/3 Mbps broadband service is not available at one or more households or businesses in the census block. No broadband provider has been selected to receive enforceable support to build out 25/3 broadband | Tribal areas lacking 25/3 Mbps broadband A Tribal government may certify whether an area within its own “Tribal Lands” is “unserved,” in lieu of using a non-tribal coverage/speed data set such as FCC 477 carrier sourced data. | |
| Eligible Uses | Broadband infrastructure projects | Broadband infrastructure projects | 1. Broadband infrastructure deployment 2. Affordable broadband programs | Build the broadband and IT capacity of eligible institutions; Provide broadband education, awareness, training, access, equipment, and support; Provide subsidized broadband access and equipment |
| Build out requirements | 100/100 Mbps | 100/20 Mbps | NTIA encourages the submission of project proposals that deploy future-proof infrastructure to the extent feasible, e.g. fiber. | |
| Application dates | Application Period: Nov. 24, 2021-feb. 22, 2022 | Applications due: August 17, 2021 | Applications due: Sept. 1, 2021 | Applications due: Dec. 1, 2021 |
| Required Completion/Obligation Dates | | 1 year after receipt of grant funds | 1 year after receipt of grant funds | 2 years from receipt of grant funds |
| Match Requirements | 25% for grants 50% for loan grants | None Scoring bonus for match of 10% or more | None | None |

| | | | | |
|-------|---|------------------------|--|--|
| | 0% for tribal areas and socially vulnerable communities | | | |
| Notes | | No Nebraska applicants | | |

Attachment IV-E-1-a

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 21
Final

A PROPOSAL relating to domain names; to amend section 7-104; and to repeal the original section.

Section 1. Section 7-104 is amended to read:

7-104. Web domain name standard.

(1) The approved domain names for Nebraska state government websites are “nebraska.gov” and “ne.gov.” The Chief Information Officer may approve other domain names using the .gov top level domain.

(2) The domain “state.ne.us” is a supported legacy domain that may serve content but should not be publicly promoted.

(3) Domain names using top level domains other than those listed in subsections (1) and (2) may be registered and serve content but must not ~~serve content nor~~ be publicly promoted.

(4) All state government websites using the .gov domain must comply with federal .gov domain requirements (<https://home.dotgov.gov/registration/requirements/>).

(5) All domain name registrations, purchases, and renewals must be made by the Office of the CIO.

Sec. 2. Original section 7-104 is repealed.

Sec. 3. This proposal takes effect when approved by the commission.

Attachment IV-E-1-b

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 22
Final

A PROPOSAL relating to access control provisions of the Information Security Policy; to amend sections 8-303 and 8-304; and to repeal the original sections.

Section 1. Section 8-303 is amended to read:

8-303. Identification and authorization.

(1) All employees and other persons performing work on behalf of the state, authorized to access any state information or IT resources, that have the potential to process, store, or access non-public information, must be assigned a unique State of Nebraska user ID which resides in the State of Nebraska Active Directory domain with the minimum necessary access required to perform their duties to align with the least privilege methodology.

(2) Staff are required to secure their user IDs from unauthorized use.

(3) Sharing user IDs is prohibited.

(4) To reduce the risk of accidental or deliberate system misuse, separation of duties must be implemented where practical. Whenever separation of duties is impractical, other compensatory controls such as monitoring of activities, increased auditing and management supervision must be implemented. At a minimum, the audit of security must remain independent and segregated from the security function.

Sec. 2. Section 8-304 is amended to read:

8-304. Privileged access accounts.

Privileged access accounts include administrator accounts, embedded accounts used by one system to connect to another, and accounts used to run service programs. These accounts

are used by systems and personnel to access sensitive files, execute software, load and configure policies and configuration settings, and set up or maintain accounts.

Due to the elevated access levels these accounts typically have, the following standards and procedures must be followed to minimize the risk of incidents caused by these accounts:

(1) All privileged access accounts must be assigned to an individual with an approved business need for the privileged access. These accounts must not be shared;

~~(4)~~(2) Service accounts must not be used to interactively log in to a system or resource;

~~(2)~~(3) Default administrator accounts must be renamed, removed or disabled. Default passwords for renamed or disabled default administrator accounts must be changed;

~~(3)~~(4) Default system account credentials for hardware and software must be either disabled, or the password must be changed. Use of anonymous accounts is prohibited, and unassigned accounts must be assigned to an individual prior to use. When no longer needed, the account must be disabled. At all times, the state requires individual accountability for use of privileged access accounts;

~~(4)~~(5) Privileged access accounts ~~will~~ must have enhanced activity logging enabled and reviewed at least quarterly. ~~The Office of the CIO and all applicable agencies will perform a quarterly review of privileged access account activity;~~

~~(5)~~(6) Privileged access through remote channels will be allowed for authorized purposes only and must include multi-factor authentication;

~~(6)~~(7) Passwords for these accounts must be changed every 60 days;

~~(7)~~(8) The password change process must support recovery of managed systems from backup media. Historical passwords should remain accessible in a history table in the event that they are needed to activate a backup copy of a system; and

~~(8)~~(9) Privileged access accounts must be approved, provisioned, and maintained by the Office of the CIO.

Sec. 3. Original sections 8-303 and 8-304 are repealed.

Sec. 4. This proposal takes effect when approved by the commission.

Attachment IV-E-1-c

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 23
Final
(Second)

A PROPOSAL to adopt a new section relating to Internet of Things devices.

Section 1. The following new section is adopted:

7-106. Internet of Things (IoT) standard.

This policy provides standards for Internet of Things (IoT) devices within the state network. IoT devices include but are not limited to door controls, cameras, and wireless sensors. While the benefits of IoT devices are numerous and compelling, it is important to remember that these devices have the potential to introduce significant threats and risks to the state network. IoT devices do not follow an international compatibility standard leaving them more exposed to vulnerabilities. The State of Nebraska must properly govern and manage deployment IoT devices.

The following are the minimum standards for IoT devices on the state network:

(1) IoT devices must be approved by the Office of the CIO prior to being put on the state network;

(2) IoT devices must be isolated from business operations on the state network;

(3) IoT devices must support either username/password or certificate-based authentication;

(4) IoT devices must support a minimum of TLS 1.2;

(5) IoT devices must have the ability to be managed at the enterprise level;

(6) IoT devices must allow for NTP and DNS to be set by administrators;

(7) IoT device access must be limited to only what is necessary;

1 (8) Network traffic for IoT devices should not be prioritized over normal business operations
2 unless the IoT device impacts emergency services or public safety; and

3 (9) Wired connections for IoT devices are preferred over wireless connections when
4 possible.

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

Attachment IV-E-2

Projects Status Dashboard

February 2022

Enterprise Projects - Current

| Agency/Entity | Project | NITC Designated |
|--|--|-----------------|
| Nebraska Council of Regions | Nebraska Regional Interoperability Network | 03/15/2010 |
| Office of the CIO | Centrex Replacement | 07/12/2018 |
| Department of Health and Human Services | iServe Nebraska | 11/12/2020 |
| Department of Transportation | Financial Systems Modernization Project | 07/08/2021 |
| Nebraska Public Employees Retirement Systems | OPS Retirement Plan Management Transfer | 11/04/2021 |

Note: Status is self-reported by the agency

Project Storyboard: Nebraska Regional Interoperability Network (NRIN)

| | | | | | | | | | | |
|--|--|-------------------|----------------------|--------------------------------|--|---------|---------|--------------------------|--|--|
| Project Manager | | Krogman, Sue | Status Report Date | 1/27/22 | Project Dates | | | Status Report Indicators | | |
| Project Type | | Major Project | Status | Approved | | Start | Finish | Overall | | |
| Stage | | Build | Progress | Started | Plan | 10/1/10 | 8/31/23 | Schedule | | |
| Total Estimated Cost | | \$12,500,000.00 | Estimate to Complete | 83.24% | Baseline | 10/1/10 | 8/31/23 | 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> | | | | | <p>Approval for the Richardson County tower was finalized and work will now start on hanging approved equipment.</p> | | | | | |
| Status Report Update | | | | | Upcoming Activities | | | | | |
| <p>UPDATE FOR JANUARY 2022 – We are currently working on updating the equipment at the current sites and purchasing new equipment for all of the sites that need to be finished. During this process the NRIN Governance Board has put out an RFP (that ends on Monday, January 31, 2022) – this RFP is for a contractor to monitor the network for outages, shortages and down paths. The focus this last month has been purchasing the equipment and getting all of the pre-work done. No installations have happened, however, finalization is being done on the fiber shot from Center to Hartington.</p> <p>UPDATE FOR DECEMBER 2021 – Contract issues slowed the installation progress down a little bit for these past 2 months. However, structural tests as well as path calculations were able to be done. Approval for the Richardson County tower was finalized and work will now start on hanging approved equipment.</p> | | | | | | | | | | |
| Issues by Priority | | Risks by Priority | | Current Issues | | | | | | |
| <div></div> | | <div></div> | | No matching records were found | | | | | | |

Project Storyboard: Centrex Conversion

| | | | | | | | | | |
|--|----------------|----------------------|-----------|---|----------|----------|--------------------------|--|--|
| Project Manager | Weekly, Andy | Status Report Date | 1/5/22 | Project Dates | | | Status Report Indicators | | |
| Project Type | Major Project | Status | Approved | | Start | Finish | Overall | | |
| Stage | Launch | Progress | Completed | Plan | 10/10/17 | 12/31/22 | Schedule | | |
| Total Estimated Cost | \$2,800,000.00 | Estimate to Complete | 100% | Baseline | 10/10/17 | 12/31/22 | Scope | | |
| Actual Cost To Date | \$933,481.12 | | | Days Late | 0 | 0 | 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. | | | | Between December 3 and January 4, here is the progress; Ported 113 numbers Ported and Reserved 459 numbers Ported 88 Soft Phones Disconnected 5 Windstream numbers Disconnected 1 CenturyLink/Lumens numbers | | | | | |
| Status Report Update | | | | Upcoming Activities | | | | | |
| It was a busy month for Allo and the OCIO Voice Team. The numbers as of January 4... 10,546 lines have been removed from Windstream and CenturyLink (Lumens). 666 lines in the month of December! Ported 113 numbers Port and Reserve 459 numbers Ported 88 Soft Phones Disconnected 5 Windstream numbers Disconnected 1 CenturyLink/Lumens numbers 10,000 lines were in the RFP to be taken off of the Centrex contracts from Windstream and CenturyLink territory. We have surpassed those numbers on this project. In parallel with this project, over 1000 softphones have been deployed using the same resources assigned to this project. | | | | I recommend closing the project for Enterprise Reporting and begin the clean-up efforts. | | | | | |
| Issues by Priority | | Risks by Priority | | Current Issues | | | | | |
| <div></div> | | <div></div> | | No matching records were found | | | | | |

Project Storyboard: iServe Nebraska

| | | | | | | | |
|----------------------|--|-----------------|--|----------------------|--|----------|--|
| Project Manager | | Agarwal, Ankush | | Status Report Date | | 1/27/22 | |
| Project Type | | Major Project | | Status | | Approved | |
| Stage | | Design | | Progress | | Started | |
| Total Estimated Cost | | \$33,524,476.00 | | Estimate to Complete | | 30.18% | |
| Actual Cost To Date | | \$10,117,688.00 | | | | | |

Project Description

The Nebraska Department of Health and Human Services (DHHS) has embarked on the iServe Nebraska Program to improve access, outcomes, cost, accountability and quality of DHHS services through an integrated, consumer-centric model of practice, across all programs. DHHS intends the iServe Nebraska Program to be adaptive and incrementally deliver new business capabilities, enabling the state to move from a siloed and program-based business model, to an integrated service delivery model that is family and person-centered, focused on improving the overall health and well-being of all family members.

Key Accomplishments

Work Order 1 (Planning Review & Refinement) is complete.
Work Order 2 (User Experience Design) is complete.
Work Order 3 (Core Portal Development) is in progress; behind schedule.
Work Order 4 (Identity and Access Management) is complete.
Program Increment 1, 2 and 3 are complete.
Program Increment 4 is in progress.
Language Translation is complete.
Security Assessment vendor selection is complete; procurement is in progress.
State contingency development team hiring is complete.

Status Report Update

Work Orders 1, 2 and 4 are complete. Work Order 3 activities are behind schedule.

Upcoming Activities









Complete Work Order 3 amendment with the vendor.
Complete iServe Portal MVP development remaining for Program Increment 4.
Commence User Acceptance Testing.
Perform Penetration Test on the iServe portal.
Complete Security Assessment of the iServe portal.
Submit documentation for CMS Operational Readiness Review (ORR).
Submit documentation for FNS Concurrence.
Prepare training materials for internal and external stakeholders.

| Issues by Priority | | Risks by Priority | | Current Issues | |
|--------------------|--|-------------------|--|--------------------------------|--|
| <div></div> | | <div></div> | | No matching records were found | |

Project Storyboard: NDOT Financial System Modernization

| | | | | | | | | | | |
|--|--|-------------------|----------------------|--------------------------------|---|---------|---------|--------------------------|--|--|
| Project Manager | | Lusero, Cody | Status Report Date | 1/31/22 | Project Dates | | | Status Report Indicators | | |
| Project Type | | Major Project | Status | Approved | | Start | Finish | Overall | | |
| Stage | | Design | Progress | Started | Plan | 4/11/22 | 6/28/24 | Schedule | | |
| Total Estimated Cost | | \$5,945,871.00 | Estimate to Complete | | Baseline | 4/11/22 | 6/28/24 | Scope | | |
| Actual Cost To Date | | | | | Days Late | 0 | 0 | Cost and Effort | | |
| Project Description | | | | | Key Accomplishments | | | | | |
| NDOT Financial System Modernization | | | | | * 5 main screens built in new financial edit system. * Proof of concept with E1 calling Rest API * Requirements defined for updated interface files * To-be process documents almost complete * Monthly status meetings with NDOT, eVision, DAS and OCIO resources | | | | | |
| Status Report Update | | | | | Upcoming Activities | | | | | |
| NDOT continues to work on pre-implementation tasks in preparation for migrating financial systems to EnterpriseOne. We have finished the API and web work for our chart of accounts and are starting work on validation rules. We have completed an initial proof of concept with the E1 system calling our Rest API for financial edits and are in progress of updating financial data on our side to match formatting requirements of E1 system. Work with the eVision vendor continues also to define future business process flows and we are also creating requirement matrices to use during E1 implementation. | | | | | * Finish creating valid line of code configuration in financial edit system * Start building business validations in financial edit system * Complete to-be process documents and begin review with DAS/OCIO * Review Requirement Matrix documents with eVision and business teams | | | | | |
| Issues by Priority | | Risks by Priority | | Current Issues | | | | | | |
| <div></div> | | <div></div> | | No matching records were found | | | | | | |

Project Storyboard: LB31 - Transfer of OPS Retirement Systems to NPERS

| | | | | | | | | | | |
|--|--|-------------------|----------------------|--------------------------------|---------------------------------------|---------|---------|--------------------------|---|---|
| Project Manager | | Hardy, Jack | Status Report Date | 2/3/22 | Project Dates | | | Status Report Indicators | | |
| Project Type | | Major Project | Status | Approved | | Start | Finish | Overall |  |  |
| Stage | | Requirements | Progress | Started | Plan | 10/1/21 | 8/31/24 | Schedule |  |  |
| Total Estimated Cost | | \$4,200,000.00 | Estimate to Complete | | Baseline | 10/1/21 | 8/31/24 | Scope |  |  |
| Actual Cost To Date | | | | | Days Late | 0 | 0 | Cost and Effort |  |  |
| Project Description | | | | | Key Accomplishments | | | | | |
| NPERS OPS (Omaha Public School) project - data and document migration from the OPS environment to NPRIS and OnBase. | | | | | Completed Readiness Assessment Report | | | | | |
| Status Report Update | | | | | Upcoming Activities | | | | | |
| The current status of the OPS Management Transfer project: 1. Gartner completed the project readiness assessment. a. The readiness assessment report was delivered on 1/22/2022 b. An overview of the report was presented to the retirement board on 1/24/2022. 2. We are working on establishing project governance processes. a. Drafting documents that will drive the governance process i. Drafting project charter is in progress. ii. Drafting the steering committee charter is in progress. b. We are creating a ShareFile sight for the project to share documents with the OPS teams. 3. We are developing the data migration plan. 4. We are starting the process to hire a project manager. a. This will likely be a contract resource through Covendis. 5. The next phase for Gartner is finishing requirements for the RFP. a. Developing the Business Capability Model is in progress. b. Follow up interviews to close gaps in the requirements. | | | | | Closing gaps in the RFP Requirements | | | | | |
| Issues by Priority | | Risks by Priority | | Current Issues | | | | | | |
| <div></div> | | <div></div> | | No matching records were found | | | | | | |

Attachment IV-F

Chief Information Officer - Strategic Initiatives

Status Report

March 2022

| Strategic Initiative, Action Item and Deliverable/Target | | Status | Notes |
|--|---|-------------|--|
| State Government IT Strategy | | | |
| 1 | Same Sign-on | | |
| 1.1 | Implement same sign-on for certain enterprise applications. | In progress | Five applications completed; one application in progress; two applications scheduled |
| 2 | IT Cost Efficiencies | | |
| 2.1 | Implement a configuration management database (CMDB) and full asset management processes. | Scheduled | |
| 3 | Operationalize IT and Project Governance | | |
| 3.1 | Enhance enterprise project governance at DHHS. | Completed | |
| 4 | Consolidate on STN Domain | | |
| 4.1 | Implement phased migration. | In progress | Two code agencies remaining |
| 5 | Data Center Consolidation | | |
| 5.1 | Implement phased migration. | Completed | |
| 6 | Network Migration (New World) | | |
| 6.1 | Implement phased migration. | Completed | |
| 7 | Application Process Maturation (DevOps) | | |
| 7.1 | Identify a single software configuration management tool. | Completed | |
| 7.2 | Create a DevOps team. | Scheduled | |
| 7.3 | Consolidate DBA team. | In progress | |
| 7.4 | Identify .NET and Java programmers. | Completed | |
| 7.5 | Develop process and procedures. | Completed | |
| 8 | Staff Onboarding, Offboarding, and Transitioning | | |
| 8.1 | Implement phased migration. | Completed | |

| | | | |
|-----------|---|-------------|--|
| 9 | Application Portfolio Management | | |
| 9.1 | Complete application inventories by agency. | In progress | |
| 9.2 | Complete critical application assessment. | In progress | |
| 9.3 | Complete application health check. | In progress | |
| 9.4 | Complete application remediation. | In progress | |
| 10 | Enterprise Content Management | | |
| 10.1 | Complete infrastructure review and modernization. | In progress | |
| 10.2 | Complete application review and modernization. | In progress | |