

MEETING AGENDA
EDUCATION COUNCIL
of the
NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Friday, April 9, 2010; 1:00PM CT

Remote 1: NET Board Room, 1800 N. 33rd, Lincoln
 Remote 2: Alliance High School, 100 W. 14th, Alliance
 Remote 3: Wayne State College NATS, Lindahl Drive, Wayne
 Remote 4: ESU 16, 1221 W. 17th, North Platte
 Remote 5: ESU 10, 76 Plaza Blvd., Kearney
 Remote 6: Panhandle Research Center, 4502 Ave I, Scottsbluff
 Open Meetings Act (click [here](#) for download, 7 pgs, 81kb)

(The Council will attempt to adhere to the sequence of the published agenda, but reserves the right to adjust the order of items if necessary and may elect to take action on any of the items listed. Items marked in BOLD are expected action items.)

1:00 PM	1. Call to Order, Electronic Posting, Location of Open Meeting Law Documents, Roll Call, Introductions	Co-Chair
1:05 PM	2. Consider approval of the Agenda for the April 9, 2010 meeting	Co-Chair
1:08 PM	3. Consider approval of Minutes from the March 5, 2010 meeting	Co-Chair
1:10 PM	4. Public Comment	Co-Chair
1:15 PM	5. Membership A. Introduce Gary Targoff, NET B. Reminder to renew Education Council memberships by June 1	Co-Chair
1:20 PM	6. Legislative Update A. LB 1071-Final Reading B. National Broadband Plan i. Chapter 11 Education	T. Rolfes
1:25 PM	7. Network Nebraska Advisory Group A. March 8, 2010 Meeting Notes	D. Linster
1:35 PM	8. Task Group Reports A. Funding/Erate B. Services Task Group Report C. Governance Task Group D. Marketing Task Group i. Network Nebraska Marketing Survey Report ii. Network Nebraska Marketing Plan	Co-Chair & Task Group Leads
2:35 PM	9. Statewide Technology Plan A. Reformulate Task Group Table of membership and assignments to work on the NITC Action Items B. Action Item listing	Co-Chair
3:15 PM	10. Other/Announcements A. Nebraska-specific Round 2 BTOP applications	Co-Chair
3:25 PM	11. Agenda Items for the 05/XX/2010 Meeting	Co-Chair
3:30 PM	12. Consider location for the 05/XX/2010 Meeting	Co-Chair
3:35 PM	13. Adjournment	Co-Chair

The NITC Education Council wishes to thank NET for helping host the April 9, 2010 meeting.

NITC/Education Council Homepage: <http://www.nitc.state.ne.us>
 Meeting Notice Posted to the NITC Web site 03-12-2010
 Meeting Notice Posted to the [Nebraska Public Meeting Calendar](#) 03-12-2010
 Agenda Posted to the NITC Web site 04-06-2010

EDUCATION COUNCIL
of the
NEBRASKA INFORMATION TECHNOLOGY COMMISSION
Friday, March 5, 2010, 1:00 p.m. (CT)
Technology Park Auditorium, 4701 Innovation Drive, Lincoln, NE

PROPOSED MINUTES

VOTING MEMBERS/ALTERNATES PRESENT:

Mr. Arnold Bateman, University of Nebraska
Dr. Wayne Bell, Alt. for Bob Uhing, Educational Service Unit 1
Dr. Michael Chipps, Mid-Plains Community College
Dr. Terry Haack, Bennington Public Schools
Mr. Stephen Hamersky, Daniel J. Gross Catholic High School
Ms. Yvette Holly, University of Nebraska Medical Center (listening by phone)
Mr. Chuck Lenosky, Creighton University
Mr. Dennis Linster, Wayne State College
Mr. Craig Pease, Ashland-Greenwood Public Schools
Mr. Jeff Stanley, Alt. for Kent Gydesen, Lexington Public Schools

LIAISONS/ALTERNATE MEMBERS PRESENT: Dr. Kathleen Fimple, Alt. for Dr. Marshall Hill, Coordinating Commission for Postsecondary Education; Ms. SuAnn Witt, Nebraska Dept. of Education, Alt. for Mike Kozak

MEMBERS/LIAISONS ABSENT: Mr. Ed Hoffman, Nebraska State College System; Mr. Clark Chandler, Nebraska Wesleyan University; Mr. Ron Cone, ESU 10; Dr. Eileen Ely, Western Nebraska Community College; Mr. Leonard Hartman, Alliance Public Schools; Mr. Jeff Johnson, Centennial Public Schools; Ms. Brenda Decker, DAS-CIO; and Mr. Michael Winkle, NET

CALL TO ORDER, ELECTRONIC POSTING, LOCATION OF OPEN MEETING LAW DOCUMENTS, ROLL CALL, INTRODUCTIONS

Co-Chair Dr. Chipps called the meeting to order at 1:10 p.m. There were eight voting members present at the time of roll call. A quorum was present to conduct official business. The public meeting notice was posted to the NITC and the [Nebraska Public Meeting Calendar](#) Web sites on February 26, 2010. The meeting agenda was posted to the NITC Web site February 26, 2010. The Open Meetings Act document was at the head table.

The following individuals introduced themselves as guests: Gail Gilliam, Rhonda Winn, Dark Fiber Solutions; and Matt Blomstedt, ESUCC, joined the meeting in progress.

CONSIDER APPROVAL OF THE AGENDA FOR THE MARCH 5, 2010 MEETING

Dr. Haack moved approval of the March 5, 2010 agenda. Dr. Bell seconded. Roll call: Bateman-Yes, Chipps-Yes, Stanley-Yes, Haack-Yes, Hamersky-Yes, Lenosky-Yes, Linster-Yes, Bell-Yes. Results: 8-Yes, No-0, Abstain-0. Motion carried.

CONSIDER APPROVAL OF [MINUTES](#) FROM THE NOVEMBER 2, 2009 MEETING

Mr. Linster moved approval of the November 2, 2009 minutes as presented. Mr. Lenosky seconded. Roll call: Chipps-Yes, Stanley-Yes, Haack-Yes, Hamersky-Yes, Lenosky-Yes, Linster-Yes, Bell-Yes, Bateman-Yes. Results: 8-Yes, No-0, Abstain-0. Motion carried.

PUBLIC COMMENT

There was no public comment.

Co-Chair Mike Chipps decided to reverse the order of the agenda items, Network Nebraska Phase IV Update and Legislative Update to better facilitate discussion.

NETWORK NEBRASKA PHASE IV UPDATE

Tom Rolfes gave an overview of the segments to be upgraded on the statewide backbone and reported that the Network Nebraska Interregional Transport budget would increase from \$258,145 in 2009-10 to \$316,288 in 2010-11, a 22.5% increase. This was primarily due to more Internet traffic and an additional aggregation circuit to be installed at College Park. The monthly post-Erate fee for K-12 is expected to increase but stay below \$40/month whereas the higher education amount will increase to around \$112 per month.

Tom Rolfes also reported that the amount of Internet that will be purchased by K-12 participants on Network Nebraska went up by 60% as the unit price decreased by 60% to \$6.10/Mbps. The total amount of Network Nebraska K-12 Internet for July 1, 2010 will be 1,917 Mbps purchased from Windstream out of Lincoln and Omaha. Higher education Internet will be available at a unit rate as low as \$5.75/Mbps from UNCSN, while using contracts from Windstream, Time-Warner Cable, and Unite Private Networks. Rick Golden also has \$9.24/Mbps Internet available out of Omaha from Level3.

The Network Nebraska-Education (July 1, 2010) membership is expected to increase by five higher education institutions: College of St. Mary, Clarkson College, Doane College, Metro Community College, and Nebraska Wesleyan University.

Craig Pease joined the meeting at 1:19pm.

LEGISLATIVE UPDATE

Tom Rolfes distributed a document of [LB 1071 excerpts](#) that had been amended by the Education Committee amendment, and then again by Senator Adams. The bill received unanimous votes to approve AM 2182, AM 2103, and to advance LB 1071 to select file. The language that required every education related political subdivision to seek approval for every technology purchase over \$10,000 was changed to include a notification requirement based on CIO guidelines, if the new or additional technology affected Network Nebraska. The OCIO staff felt that this new requirement would be workable. Also, the definition of "enterprise project" was amended from LB 1071. Members took interest and discussed the new memoranda of agreement required between the State Board of Education and the University of Nebraska,

State Colleges, and the Community Colleges. They recognized the advantages of having a seamless K-20 transition for data gathering, educational effectiveness, and identity management.

NETWORK NEBRASKA ADVISORY GROUP

Dennis Linster, Co-Chair of the NN Advisory Group, reviewed the meeting notes of the [December 17](#) and [January 28](#) meetings. Mr. Linster complimented the rapid coalescence of the group and also the work of his co-chair, John Stritt, from ESU 10. Mr. Linster recognized that there may be some potential overlaps between the Advisory Group's subcommittees and the Education Council's task groups and that those discussions will have to be worked out over time. He emphasized that two-way communication between advisory group members and current and prospective Network Nebraska members will be paramount as the Network moves forward. At their January 28 meeting, the Advisory Group voted to recommend: The transport and routing segments of the 2010-11 backbone; the Affiliate Fees structure for Grand Island Public Library; the traffic shaper device purchases; and the approval of the Advisory Group Charter document.

TASK GROUP UPDATES - FUNDING/E-RATE

Steve Hamersky reported that the FCC had recently issued Order 10-33 that permitted "incidental" after-hours use of K-12 telecommunication facilities without need for cost-allocation or reduction of benefits. This item enables schools that receive funding from the E-rate program (more formally, the schools and libraries universal service support program) to allow members of the general public to use the schools' Internet and network access during non-operating hours. This will be enacted through June 30, 2011 with consideration of making the exemption permanent. In addition, Congressman Markey's bill, H.R. 4619, nicknamed E-rate 2.0, was introduced and directs the FCC to implement three pilot programs: narrowing the digital divide through the distribution of vouchers to enable low-income students to purchase residential broadband service; a competitive grant program to extend funding for broadband equipment and services to selected community colleges and head start; enabling certain E-Rate applicants serving particularly low-income students to apply for significantly discounted services and technologies for the use of e-books. The bill also would provide for an inflation adjustment to the current \$2.25 billion cap on the E-Rate program, and a streamlining of the application process.

TASK GROUP UPDATES - [SERVICES TASK GROUP](#)

Ron Cone and Gordon Roethemeyer provided the report prior to the meeting but were unable to attend for narration. One of the most important marketing areas will be to clearly depict the Network Nebraska services list and to also research future or emerging technology services for Network Nebraska.

TASK GROUP UPDATES - [MARKETING TASK GROUP](#)

Arnold Bateman reported that the 2010 Network Nebraska Marketing Survey Report was well received by the Network Nebraska Advisory Group, CAP, and it would also be presented to the Commissioners for their approval at their NITC meeting on March 15. The survey completion rate increased significantly from the 2008 to 2009 data collection periods. Recommendations, conclusions and trends from the Report were shared by Mr. Bateman. Several findings from the Report have implications for how the Education Council Task Groups carry out their action items. Co-Chair Terry Haack asked that at least 30 minutes be allowed for a thorough review and discussion of this Report at the next Education Council meeting.

TASK GROUP UPDATES - GOVERNANCE TASK GROUP

Yvette Holly reported over the conference phone that the Governance Task Group had discussed the continuation of the Network Nebraska Advisory Group. The Council and the Governance Task Group will conduct a review in the June time frame as cited in the original Charter document.

As a future agenda item, it was recommended to review the objectives and membership of all the Task Groups.

STATEWIDE TECHNOLOGY PLAN – ACTION ITEMS UPDATE

Mr. Rolfes shared the three sets of action items for the three initiatives, Network Nebraska, Digital Education, and eGovernment, as previously recommended by the Education Council and approved by the NITC. Since some action items were approved and/or discontinued, Mr. Rolfes shared the renumbering of the Action Items here http://nitc.nebraska.gov/ec/meetings/documents/2010.03.05/ECactionitems_20100322.pdf.

The council members did a high level overview of the action items but time did not allow extensive discussion.

NETWORK NEBRASKA STRATEGIC INITIATIVE ACTION ITEMS (2010-2011)

1. Identify Tier II communities that offer opportunities for aggregation for services onto the network.

N1aAction: The CAP will work with communities that express an interest in aggregating their public sector transport.

Lead: Network Nebraska (CAP)

Participating Entities: Specific communities, NITC Community Council, Nebraska League of Municipalities, Nebraska Association of County Officials, and public libraries

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **Continuation as is**

2. The Chief Information Officer will continue the LB 1208 implementation by annually bidding infrastructure and connectivity for new regions of participants and developing the most cost-effective and efficient support structure possible for the statewide network.

N2aAction: The Network Nebraska network design/support team will develop a memorandum of agreement with local and regional education entities in order to develop a cooperative support system for the statewide education network that will mitigate data transport and synchronous video problems.

Lead: Network Nebraska (CAP)

Participating Entities: Network Nebraska—Education Advisory Group, ESU-NOC, Higher education entities, NITC Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **Continuation as is**

N2bAction: The Chief Information Officer will annually update the State master purchase contracts for edge devices and monitor the local site purchases of such equipment in order to promote and encourage network equipment standardization.

Lead: Chief Information Officer

Participating Entities: Network Nebraska (CAP), ESU-NOC

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **Continuation with minor revisions**

3. Offer Internet I services to eligible network participants.

N3aAction: The CAP will accept new orders for Internet service and continue to aggregate purchasing demand to secure a more economical price for statewide Internet service.

Lead: Network Nebraska (CAP)

Participating Entities: NITC Education Council, ESU-NOC, Higher Education Entities

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **Continuation as is**

4. Prepare for the future of Network Nebraska as a statewide, multipurpose network.

N4a Action: Develop appropriate participation criteria (e.g. type of entity, bandwidth expectations) and a differential catalog of services and fees for Network Nebraska to serve all network participants (i.e. public/nonpublic K-12, public/nonpublic higher education, museums, science centers, libraries, others).

Lead: Network Nebraska (CAP)

Participating Entities: NITC Education Council, Network Nebraska—Education Advisory Group

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **Continuation with minor revisions**

N4b Action: Charter a work group to research advanced network services for Network Nebraska participants.

Lead: Network Nebraska (CAP)

Participating Entities: Network Nebraska—Education Advisory Group, NITC Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **Continuation as is**

N4c Action: Develop an online E-rate cost allocation calculator that will enable K-12 and non-K-12 entities to estimate the ineligible telecommunications costs resulting from offering non-K-12 services in a K-12 facility.

Lead: Education Council Funding/E-rate Task Group

Participating Entities: Distance Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **Continuation with minor revisions**

N4d Action: Work to change the federal E-rate policies that create impediments and financial disincentives for collaborative usage of networks and videoconferencing by ineligible populations (Pre-K, adults, telehealth, etc...).

Lead: Nebraska E-rate Coordinator

Participating Entities: Educational Service Units, NITC Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **Continuation as is**

N4e Action: Annually reissue the Network Nebraska Marketing Survey and subsequent Report to help steer the strategic direction of Network Nebraska—Education.

Lead: Education Council Marketing Task Group

Participating Entities: Network Nebraska—Education Advisory Group.

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **New**

N4f Action: Annually update the Network Nebraska Marketing Plan.

Lead: Education Council Marketing Task Group

Participating Entities: Network Nebraska—Education Advisory Group.

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **New**

N4gAction: Research and pursue grant writing that would assist with the deployment of statewide technology services.

Lead: Education Council Funding/E-rate Task Group

Participating Entities: Network Nebraska—Education Advisory Group, ESU Coordinating Council.

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **New**

N4hAction: Review the viability and effectiveness of the Network Nebraska—Education Advisory Group and make appropriate changes to affect its structure, membership and meeting frequency.

Lead: Education Council Governance Task Group,

Participating Entities: Education Council, Chief Information Officer

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **New**

N4iAction: Develop a business plan for Network Nebraska—Education.

Lead: Education Council Marketing Task Group

Participating Entities: CAP, Network Nebraska Advisory Group, ESU Coordinating Council, ESUs

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **New**

DIGITAL EDUCATION STRATEGIC INITIATIVE ACTION ITEMS

D1. Set a deadline, and establish standard(s) related to the administration and maintenance of content management systems by K-12 schools.

Lead: NITC Technical Panel

Participating Entities: Learning Management Systems Work Group, ESU Coordinating Council, Distance Education Council

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: **Continuation with minor revisions**

D2. Promote the availability, distribution, and use of digital media throughout the Nebraska educational community.

D2aAction: Promote the usage of the National Repository for Online Courses (NROC) content by Nebraska educators

Lead: Partnership for Innovation (PFI)

Participating Entities: ESU Coordinating Council, NITC Education Council Services Task Group

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: **New**

D3. Develop an affordable plan to provide access to learning management system software and a digital content management system for every teacher and learner and to also train teachers in effective instructional design to integrate synchronous and asynchronous technologies.

Lead: ESU Coordinating Council

Participating Entities: Technical Panel's Learning Management System Work Group, NITC Education Council, ESU Technology Affiliate Group

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: **Continuation with minor revisions**

D4. Provide training and encourage all education providers to list all dual enrollment and concurrent enrollment courses, and all enrichment opportunities on the statewide clearinghouse and scheduling software system.

Lead: ESU Coordinating Council

Participating Entities: NITC Education Council, Higher education entities

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: **Continuation with minor revisions**

D5. Develop and deploy a statewide digital content repository that allows the assignment of digital property rights and the uploading, cataloguing, metatagging, searching, and downloading of digital learning objects by Nebraska educators.

Lead: Nebraska Educational Telecommunications (NET) & ESU Coordinating Council

Participating Entities: Nebraska Department of Education, Education Council Services Task Group, ESU Instructional Materials Committee, Distance Education Council, Partnership for Innovation (PFI)

Timeframe: 2010-2011

Funding: Considerable funding will be required for this action item

Status: **New**

D6. Monitor the Nebraska Statewide Assessment System (NeSAS) and develop strategies that will assure its continued success and use of the most efficient and scalable technology infrastructure.

Lead: Technical Panel

Participating Entities: Education Council Services Task Group, ESU-NOC

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: **New**

D7. Develop a business plan for Network Nebraska—Education to provide digital education resources statewide.

Lead: Education Council Marketing Task Group

Participating Entities: CAP, Network Nebraska Advisory Group, ESU Coordinating Council, ESUs

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: **New**

E-GOVERNMENT STRATEGIC INITIATIVE ACTION ITEM

E1. Maintain the Education Portal on the State of Nebraska website.

Lead: Nebraska.gov (Nebraska Interactive LLC)

Participating Entities: Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time

Status: **New**

OTHER/ANNOUNCEMENTS

Co-Chair Terry Haack asked Tom Rolfes to send out the meeting minutes and revised Action Items to the members and voting alternates as soon as possible. Dr. Haack also asked the Task Groups to meet at least once before the next Education Council meeting.

AGENDA ITEMS FOR THE APRIL 9, 2010 MEETING

Co-Chair Terry Haack asked for agenda items for the next meeting:

- Network Nebraska Marketing Survey Report Discussion, 30 minutes minimum
- Review Action Items Assignments (a.k.a. which action items belong to which Task Group, which members/alternates on which Task Group)
- Legislative Update
- NNAG Report
- Task Group Reports

LOCATION FOR THE APRIL 9, 2010 MEETING

The next NITC Education Council will be held on Friday, April 9, 2010, starting at 1 pm CT. Videoconferencing will be available, with NET as the requested origination site.

Dr. Haack moved to adjourn. Mr. Linster seconded. All were in favor, 9-0. Motion carried.

The meeting was adjourned at 3:35 p.m.

Minutes were recorded by Tom Rolfes.

**Nebraska Information Technology Commission
EDUCATION COUNCIL**

2010-2012 Membership Renewals/Replacements EXPIRING June 30, 2010

<u>Name</u>	<u>Representing</u>	<u>Status</u>
<u>HIGHER EDUCATION (2010-12 term)</u>		
Arnold Bateman	UN System	President Milliken to confirm
Clark Chandler	Independent Colleges & Universities	Tip O’Neill to confirm
Eileen Ely	Community College System	Dennis Baack to confirm
Dennis Linster	State College System	Stan Carpenter to confirm
<u>K-12 EDUCATION (2010-12 term)</u>		
Ron Cone	Educational Service Units	Matt Blomstedt to confirm
Terry Haack	Administrators	Mike Dulaney to confirm
Jeff Johnson	Public Teachers	Jess Wolfe to confirm
Kent Gydesen	Board Members	John Bonaiuto to confirm

Network Nebraska—Education Advisory Group Meeting #6
Monday, March 8, 2010; 1:00pm-3:30pm CT

Remote 1: ESU 10 Videoconference Room, 76 Plaza Blvd., Kearney, NE

Remote 2: Varner Hall, Lower Level Board Room, 3835 Holdrege St., Lincoln, NE

Remote 3: Pope John XXIII DL Room, Elgin, NE

Remote 4: UNK, Kearney, NE

Remote 5: Wayne State College, Wayne, NE

Meeting Notes

K-12 Attendance: John Stritt (Kearney), Bob Uhing (Wayne), Scott Jones (Kearney), Betty Getzfred (Elgin), Kirk Langer (Lincoln)

H. E. Attendance: Debbie Schroeder (Kearney), Dennis Linster (Wayne), Ken Clipperton (Lincoln),

CAP Liaison Attendance: Walter Weir, Rick Golden, Ben Mientka

Absent: Dan Hoesing, Gary Monter, Mike Danahy, Mike Ruhrdanz, Gene Beardslee, Tip O'Neill, Lyle Neal, Charles Osteen

Staff attendance: SuAnn Witt, Tom Rolfes

1. **Welcome.** Co-Chair John Stritt called the meeting to order at 1:05pm CT and welcomed five videoconferencing sites to the meeting. John had each member on the videoconference introduce themselves. **Roll Call** found eight members and three CAP representatives present to start the meeting.
2. **Agenda additions.** Co-Chair Dennis Linster asked that the NITC Action Items be added to the agenda for discussion.
3. **Review of January 28, 2010 Meeting.** Co-Chair Stritt reviewed the six major agenda items and four actions from the January 28 NNAG meeting notes. **Kirk Langer moved, and Scott Jones seconded, to accept the 1/28/2010 meeting notes as a full and accurate depiction of the January 28, 2010 Network Nebraska—Education Advisory Group meeting. All were in favor, 8-0.**
4. Old Business:
 - **Network Management Software RFP.** Ben Mientka reported that the UNL Purchasing RFP attracted 10 bids, with closing date on February 23. Evaluation of bids will now begin. The UNCSN expects that it will share the costs of the network management tool(s) with Network Nebraska—Education on a 50/50 basis.
 - **Traffic Shaper Installation.** Ben Mientka reported that the traffic shaper devices had just been delivered from Procera. The projected installation date would be Sunday, March 21, and that Network Nebraska customers could expect a 15-minute down time while the devices are being put in line with the network.
 - **Network Nebraska Transport for 2010-11.** Tom Rolfes reported that the Network Nebraska Interregional Transport budget would increase from \$258,145 in 2009-10 to \$316,288 in 2010-11, a 22.5% increase. This was primarily due to more Internet traffic and an additional aggregation circuit to be installed at College Park. The monthly post-Erate fee for K-12 is expected to increase but stay below \$40/month whereas the higher education amount will increase to around \$112 per month.

- **Internet Access for 2010-11.** Tom Rolfes reported that the amount of Internet that will be purchased by K-12 participants on Network Nebraska went up by 60% as the unit price decreased by 60% to \$6.10/Mbps. The total amount of Network Nebraska K-12 Internet for July 1, 2010 will be 1,917 Mbps purchased from Windstream out of Lincoln and Omaha. Higher education Internet will be available at a unit rate as low as \$5.75/Mbps from Rick Golden, while using contracts from Windstream, Time-Warner Cable, and Unite Private Networks. Rick Golden also has \$9.24/Mbps Internet available out of Omaha from Level3.
- **LB 1069 Update.** Tom Rolfes reported that LB 1069 was heard in the Education Committee on February 2. Three people testified in favor of the bill: Matt Blomstedt, Gordon Roethemeyer, and Don Ferneding. Three people testified as neutral and informative: Brenda Decker, Walter Weir, Ken Clipperton. LB 1069 was absorbed into LB 1071 and further amended by the Education Committee Amendment 2103 on March 3. So far, there is good indication that the requirement to have every educational technology purchase approved by the NITC Technical Panel will be amended to only a reporting requirement. The definition of “Enterprise Project” has been modified to such an extent that no projects would meet the criteria of Enterprise Project.

5. New Business:

- Other legislative items
 - **Federal E-Rate Policies.** SuAnn Witt reported that the FCC had recently issued Order 10-33 that permitted “incidental” after-hours use of K-12 telecommunication facilities without need for cost-allocation or reduction of benefits. This item enables schools that receive funding from the E-rate program (more formally, the schools and libraries universal service support program) to allow members of the general public to use the schools’ Internet access during non-operating hours. This will be enacted through June 30, 2011 with consideration of making the exemption permanent. In addition, Congressman Markey’s bill, H.R. 4619, nicknamed E-rate 2.0 was introduced as allowing H.R. 4619, the E-Rate 2.0 Act, directs the FCC to implement three pilot programs: narrowing the digital divide through the distribution of vouchers to enable low-income students to purchase residential broadband service; a competitive grant program to extend funding for broadband equipment and services to selected community colleges and head start; enabling certain E-Rate applicants serving particularly low-income students to apply for significantly discounted services and technologies for the use of e-books. The bill also would provide for an inflation adjustment to the current \$2.25 billion cap on the E-Rate program, and a streamlining of the application process.
- Network Nebraska Support Overview
 - **K-12, Post-secondary Support Overview.** Rick Golden explained the UN Computing Services Network approach to providing support services to Network Nebraska members. By calling the Network Nebraska toll-free number, 1-888-NET-NEBR, network participants have access to a 24hr x 365days fully staffed help desk that can create, route, and possibly solve network trouble tickets. In addition, two network engineers are on call for potential problems. The other entities that use this same help desk include the telehealth network and the University’s four campuses. Only one UNCSN employee, Ben Mientka, is completely funded out of the Network Nebraska Participation Fee. The other 1.0 FTE is a team of six or seven individuals where their hours are billed back to Network Nebraska for time spent. Rick Golden’s and Leona Roach’s time is not billed

back to the project. On the OCIO side, one FTE is charged back to the project from network services. An additional .25 FTE for E-rate services is charged back to the project from NDE. Kirk Langer shared that this model is especially cost-effective and can be scaled up as conditions demand.

Break—Co-Chairs John Stritt and Dennis Linster called for a 15 minute bio break at 2:17pm.

- **Action Items.** Tom Rolfes gave a brief overview of the 13 action items belonging to the Network Nebraska strategic initiative, as approved by the NITC, 8 of which were named by the Education Council to be worked on by the Network Nebraska Advisory Group:
 - N2a Action:** The Network Nebraska network design/support team will develop a memorandum of agreement with local and regional education entities in order to develop a cooperative support system for the statewide education network that will mitigate data transport and synchronous video problems.
 - N4a Action:** Develop appropriate participation criteria (e.g. type of entity, bandwidth expectations) and a differential catalog of services and fees for Network Nebraska to serve all network participants (i.e. public/nonpublic K-12, public/nonpublic higher education, museums, science centers, libraries, others).
 - N4b Action:** Charter a work group to research advanced network services for Network Nebraska participants.
 - N4c Action:** Annually reissue the Network Nebraska Marketing Survey and subsequent Report to help steer the strategic direction of Network Nebraska—Education.
 - N4f Action:** Annually update the Network Nebraska Marketing Plan.
 - N4g Action:** Research and pursue grant writing that would assist with the deployment of statewide technology services.
 - N4i Action:** Develop a business plan for Network Nebraska—Education.
 - D7 Action:** Develop a business plan for Network Nebraska—Education to provide digital education resources statewide.
- Sub-Committee Discussion
 - **Sub-committee guidelines.**
 - Co-Chairs Stritt and Linster discussed the possible structure for future NNAG subcommittees. The subcommittees may be K-12, higher education or mixed membership, and the number of members on each subcommittee could range from a few to several. The meeting methods would be up to the individual subcommittees but that committee reports would have to be shared at each NNAG meeting.
 - **Sub-Committees.**
 - **Marketing (Survey and Web Design).** Co-Chairs Stritt and Linster suggested that the first two subcommittees might be Marketing Survey and Network Nebraska website. The Network Nebraska Advisory Group would offer up members to work with the NITC Education Council on these two projects. No subcommittees were formed and no subcommittee membership was named.
 - **Network Nebraska Services (Basic/Premium Services).** Co-Chair Linster suggested that another subcommittee could work on deciding which Network Nebraska services are basic to every member and which services would be premium at an additional cost. No subcommittees were formed and no

subcommittee membership was named. **The Co-Chairs asked that Tom Rolfes send them a list of Network Nebraska services.**

- **Other.** Co-Chair Linster asked if any protocol existed for how Network Nebraska staff would solicit volunteers for input or RFP work. Tom Rolfes reported that a 30-page Communication Charter had been developed by a project management team of the OCIO but that it was still under review by the Executive Sponsors. Members agreed that it was the responsibility of each staff member to touch base with their supervisor if contacted about new volunteer opportunities, especially if it relates to Network Nebraska.
- Other action items for future consideration
 - **IP dialing plan.** Co-Chair Stritt shared that the February 18 ESU-NOC meeting suggested that a statewide IP dialing plan be developed. It might be good to have one or two NNAG members on that group.
 - **NITC video and audio standards (SIP and others).** Co-Chair Stritt shared that the February 18 ESU-NOC meeting suggested that the NITC standards for audio and video be updated to include SIP for desktop video applications and possibly other industry-recognized protocols. It might be good to have one or two NNAG members on that group.
 - **Other.** Tom Rolfes reported that the OCIO is working on an RFP for a new MCU bridge to replace the current MCUs owned by NET, the University of Nebraska, and the OCIO. He would provide updates as this procurement goes forward.
 - **Other. John Stritt was asked to create a Doodle poll to give members a chance to sign up for the various subcommittees.**
 - **Other.** Co-Chair Linster shared that the Education Council reporting structure and NNAG reporting structure was a topic of discussion at the March 5 Education Council meeting. Members were also concerned that there were too many committees and potential duplication of volunteer work is possible. Tom Rolfes clarified that the Education Council is an advisory body to the Nebraska Information Technology Commission, deals with broader educational technology issues, and also is comprised of some members that are not members of Network Nebraska. The Network Nebraska Advisory Group, on the other hand, was conceived by the Education Council and chartered by the Collaborative Aggregation Partnership to enable NN members to advise the State CIO on the strategic vision and operation of Network Nebraska.
- 6. Future Agenda Items.** Co-Chair Stritt asked if any members had any future agenda items other than those already suggested. There were no additional items.
- 7. Next Meeting Date -
 - Suggest first week in May. **Co-Chair Stritt will circulate a Doodle Poll to find the best date and time for the next NNAG meeting.**
- 8. The Co-Chairs adjourned the meeting at 3:24pm CT.**

Meeting notes were recorded by Tom Rolfes and reviewed by John Stritt and Dennis Linster.

Comprehensive Listing of Network Nebraska—Education Services (3/26/2010)

Connectivity/Transport

- Intranet Ethernet connectivity to all 235+ Network Nebraska participants
- Interregional (high bandwidth backbone) Transport between Grand Island, Lincoln and Omaha
- Internet1 access
- Internet2 access and routing
- Internet2 Commodity Peering/Routing to over 60,000 companies
- Limited co-location rack space at Grand Island, Lincoln and Omaha core locations on a space available basis
- Core router and core infrastructure cost avoidance through State and University of Nebraska partnerships

Network Management/ Monitoring

- 24/7 network monitoring and call center
- Toll-free Network Nebraska number, 1-888-NET-NEBR (638-6327)
- Automated Notification System services
- Network abuse and nefarious activity monitoring
- Bandwidth measuring and assistance
- Level 1 network troubleshooting and support on Network Nebraska - Education backbone, core network devices and State Contract and University of Nebraska contracts for Internet access
- Level 2 network troubleshooting and support on wide area networking and other participant routing and DNS issues
- Level 2 video/scheduling troubleshooting and support
- Traffic shaping of Network Nebraska Internet bandwidth
- Onsite and/or remote technician assistance, upon request

Administrative/E-rate

- RFP development and State Master Contract negotiations
- E-rate filing on the K-12 eligible portion of the Interregional Transport
- Sponsored Education Group Participation (SEGP) Membership
- Establishing the yearly eligibility list for LB1208 Distance Education Incentive Dollars and Equipment Reimbursements
- Management of the statewide purchase contracts for statewide scheduling, WAN services, Internet access, Cisco equipment, and videoconferencing equipment.
- E-rate archiving of bid documents, invoices, correspondence
- Continual Management of Consortium Letters of Agency to maintain E-rate eligibility
- OCIO Financial Solutions Services for budget development and vendor service orders
- State Billing services for Network Nebraska Participation Fee and Interregional Transport
- Network Nebraska website (www.networknebraska.net) development and support
- Staff support for the Network Nebraska-Education Advisory Group
- Informational presentations about Network Nebraska, upon request



Marketing Plan

2010-11

Nebraska Information Technology Commission

Education Council

Prepared by: Marketing Task Group

June, 2009

Revised April 2010

PROPOSAL

Network Nebraska Marketing Plan 2010-11

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Education Council

Marketing Task Group Members

Arnold Bateman, Chair	University of Nebraska
Chuck Lenosky	Creighton University
Ed Hoffman	State Colleges
Mike Kozak	Nebraska Department of Education
Steve Stortz	Lutheran Schools of Nebraska
Rick Golden	University of Nebraska
SuAnn Witt	Nebraska Department of Education
Tom Rolfes	NITC Education IT Manager

Network Nebraska-Education Marketing Plan • April 2010

Introduction

Network Nebraska is the term used to describe the statewide multipurpose telecommunications backbone and all of its associated service offerings and support. Network Nebraska—Education, serving public and private K-12 and higher education, offers network management, interregional transport, Internet access and Intranet routing for distance education, and provides access to the nationwide Internet 2 research and education network. Network Nebraska--Education is a collaborative initiative coordinated by the State Office of the CIO, University of Nebraska, and Nebraska Educational Telecommunications, and is funded by the public and private education entities of Nebraska.

A marketing survey, conducted via Internet among current and potential K-12 and higher education public and private users in December 2008, and again in December of 2009, was designed to provide quantifiable baseline data to guide the Education Council's communications and marketing strategies by providing data on the following:

- General information on strengths and weaknesses on Network Nebraska services.
- Specific perceptions about Network Nebraska services by current and potential users.
- Motivational drivers in choosing Network Nebraska services.
- Current awareness level and perceptions toward Network Nebraska.
- Differences in perceptions between current users and potential users of Network Nebraska.

Executive Summary and Conclusions

The survey results indicate that users of Network Nebraska value the network services and cost savings and that there are potential opportunities to add new partnerships. As K-12 and higher education institutions have become more reliant on Network Nebraska as the vehicle for delivering Internet and educational courses, the reliability of the system has become critical. Among current partners of Network Nebraska, the network is becoming an increasingly important vehicle for providing student learning opportunities. The low level of awareness among potential Network Nebraska partners is a major limiting factor in current network growth. Following are additional key findings:

- Among current partners of Network Nebraska queried in 2008, lower cost was identified as the number one strength followed by statewide access and collaboration. In 2009 existing Network Nebraska partners identified student learning opportunities as the most important strength followed by cost sharing and increased bandwidth. This has resulted in increased distance education opportunities, greater availability of Internet 2 and sharing of other services.
- Statewide connectivity provided by Network Nebraska increases the access to and opportunities to deliver synchronous video courses across the state. This results in more

access to classes and enrichment that smaller schools are not able to offer. It also allows for sharing of critical and non-critical services common among multiple institutions.

- Survey responders in 2008 identified governance/leadership as the most limiting organizational factor in growing Network Nebraska partnerships, which affected expansion of current services.
- Consistent communications of accurate and current information on available services and support issues (provided by Network Nebraska) is lacking. This results in some support issues not resolved in a timely manner and the lack of correct information not being provided to current and potential partners.
- Reliability is perceived as a strength by some Network Nebraska partners. However, a lack of reliability is also perceived as both a weakness and a threat to expanded growth of Network Nebraska services for many existing and potential partners. When a network disruption occurs, there is no alternative infrastructure or redundancy to data communications. One contributing issue may be a lack of communications between those who do system upgrades and current partners. When network reliability is less than what partners experienced prior to subscribing to Network Nebraska, the network is perceived to be a problem.
- The single most compelling competitive advantage that makes Network Nebraska's services distinctive and motivates educational service units, public and private K-12 schools, and public and private colleges to partner in Network Nebraska is lower cost followed by shared resources, student learning opportunities, and statewide access. A statewide presence encourages connectivity, programs, services, and activities. The result is enhanced educational opportunities for students, high speed access between educational sites, and significant cost savings. The perception is that there is strength and power in numbers – the more organizations that belong to Network Nebraska, the more clout the network should have relative to pricing, technology and services. This assumes all organizations are treated equitably.
- Current partners responding to the survey identified enhanced educational opportunities, improved connectivity, shared resources, advanced technology/bandwidth, equity and opportunities as guiding principles or slogans that they believe Network Nebraska's services should stand for in the hearts and minds of its partners.
- Current partners responding to the survey identified help desk/support, faster internet and leadership/governance as priority areas where modifications to existing services or added services are most needed. Issues that need to be addressed under the governance/leadership structure are statewide representation, board members selected from knowledgeable shareholders, and a technical committee to advise the board on all technical issues.
- Some current partners that responded to the survey are recommending that redundancy be built into the network to insure minimal down time of the system. This

expectation will become critical to the future of the network as partners use the system as a vehicle for delivering essential services and courses.

- Current users of the network want to have a better understanding of the network, infrastructure and more information related to Renovo scheduling, etc. It is predicted that as users learn more about the possibilities of Network Nebraska, the demand for new services will expand.

Potential Users:

- Potential users responding to the survey identified learning opportunities through increased collaboration, cost sharing, and sharing of distance education resources as the greatest strengths. This was followed by statewide access which supports greater sharing of resources. Reduced cost is also seen as a potential strength of the network with potential users.
- The perception of potential Network Nebraska users is that reliability, membership/participation fees, network speed, and technical support are their biggest concerns if their institution was to become a member of Network Nebraska. In part, this may be caused by not having enough detailed information when considering membership as a network partner.
- Potential users responding to the survey said that educational partnerships, lower costs, and shared resources should be the most compelling competitive advantage making Network Nebraska's services distinctive and motivating educational entities to become partners with Network Nebraska. This is consistent with responses from current partners to the same survey question.
- Access was defined as the most important service that would benefit potential partners of Network Nebraska.

Conclusions:

The survey highlights several areas of challenge and opportunity for Network Nebraska if it seeks to grow its partners and level of services.

1. The survey indicates that Network Nebraska would benefit from improved communications to current partners and that potential partners lack relevant information about Network Nebraska in order to make an informed decision about becoming members of the network.
2. The perception that the governance structure does not represent the stakeholders and that leadership and support services are inadequate to support future growth is a critical concern. Addressing these three issues is essential prior to implementation of strategies directed at adding new partners and services. However, it is important to note that those responding to the 2009 survey seemed less concerned about the current governance structure, which would imply that there has been some improvement.

3. Building a marketing campaign to increase awareness among potential partners should center on lower costs, shared resources, statewide access, and increased educational opportunities. Marketing campaigns need to be customized for individual target audiences.
4. The prevailing perception is that the network continues to mature. Partners continue to expect additional advanced services and reliability. Further research is required to define what services should be offered and the willingness of partners to pay for these services.
5. Network Nebraska—Education was designed as a public-public partnership initiative with an extremely low number (i.e. 2.85 FTE) of salaried support staff in order to keep costs contained during its development. Many staff and advisory groups (i.e. NITC Education Council task groups, Network Nebraska Advisory Group, Collaborative Aggregation Partnership, ESU-NOC, etc...) unselfishly volunteer their time in assisting the State and University CIOs with research and guidance in order to keep administrative costs down, as the executive sponsors operate the Network. Expanding constituent services, improving communications to existing members and marketing to potential members will require additional staff time and/or volunteer time and resources to get the job done. In that this is becoming a greater limiting factor it needs to be evaluated.

Marketing Strategy:

A key strategic goal is to create statewide awareness of Network Nebraska-Education as a reliable and cost effective multipurpose telecommunications network for public and private K-12 and higher education.

Positioning Statement:

Network Nebraska-Education is a statewide public and private K-12 and higher education telecommunications network. Funded by the public and private educational entities of Nebraska, it provides reliable, cost effective Internet access, Intranet routing for distance education, institutional data sharing, and access to the nationwide Internet 2 research and education network.

Network Nebraska-Education also provides statewide connectivity, technical experience and support, greater bandwidth, speed and capacity at a reduced cost resulting in more synchronous video courses made available to K-12 schools across the state.

There is increased sharing of critical and non-critical services common among multiple institutions. Both K-12 and higher education institutions are benefiting from lower costs and increased services.

Brand Promise:

- Statewide access to reliable, low cost telecommunications connectivity and support services

Brand Drivers:

- Lower cost

- Reliable shared services and resources
- Statewide access
- Educational opportunities and collaboration
- Member participation/governance

Defined Target Audience:

- Public K-12 schools
- Private and parochial K-12 schools
- Public higher education institutions
- Private and parochial higher education institutions
- Libraries, zoos, museums, and other public or non-profit entities that have an educational mission

Defining and Pricing of Services:

NITC Education Council Services Task Group needs to identify existing services and associated pricing. A discussion should take place concerning membership fee and required level of service for different types and sizes of organizations that have an educational mission. If it is determined that there should be differentiated pricing for these organizations, prices will need to be determined and approved before a marketing campaign for this target audience can be implemented. Any change in pricing for segmented target audiences should be financially viable and supported by a Network Nebraska business plan.

Market Research Action Plan:

<i>Action Item</i>	<i>Responsible</i>	<i>Begin Date</i>
Annually reissue the market survey (with identified changes) to evaluate the success of the recommended Action Plan(s) and ensure the future of Network Nebraska values.	Marketing Group	December 1
Conduct in-depth research of existing services to determine levels of satisfaction and issues that need to be addressed, and to help define new services and pricing desired by the members. If recommended by the Network Nebraska Advisory Group, service questions can be added to the annual market survey.	Network Nebraska Advisory Group	December 1
Conduct focus group interviews and/or one-on-one visits with target audience representatives to determine challenges limiting their participation in Network Nebraska. <ul style="list-style-type: none"> • Public K-12 schools • Private and parochial K-12 schools • Public higher education institutions • Private and parochial higher education institutions 		

<ul style="list-style-type: none"> Libraries, zoos, museums, and other public or non-profit entities that have an educational mission <p><i>First action item</i> to identify associations or other types of meetings of target audiences as venues for focus group interviews and presentations.</p>	Membership Group	Action Plan Developed by September 15
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Current Members Public Relations Action Plan:

Action Item	Responsible	Begin Date
[Public Relations effort] Put in place an electronic newsletter to improve communication with existing members. Newsletter should provide accurate and current information on available services, support issues and policies that impact members. This newsletter should include information on new members and be sent to administrators as well as technical staff. E-mail should be sent to invite people to go to the website to read the newsletter.	Staff With support from Marketing Group and Network Nebraska Advisory Group	September January May
Set up an internet news blog that invites current members and prospective members to provide comments.	Network Nebraska Advisory Group	On-going
www.nebraska.gov/education [Electronic Communication – dynamic in nature, always something new to add/ old to remove; anytime/anywhere] Monitor and make recommendations to the ongoing usefulness and reliability of the website for public access to educational resources in Nebraska. a) reach out to schools to update site as needed	Ad hoc committee?	Spring Fall

New Members Public Relations Action Plan:

Action Item	Responsible	Begin Date
Provide input on redesigning Network Nebraska website. This will include surveying Network Nebraska Advisory Group members and Education Council members.	Marketing Group	May 1
Group potential members by like-target audience.	Membership Group	August/September Education Council Meeting
Establish annual new member goals by target audience.	Membership Group	

Prepare factsheet for each target audience that includes overview of Network Nebraska, policies, funding, services, pricing, similar current members and contact. *	Marketing Group, Membership Group and (Tom Rolfes)	
Develop electronic campaign marketing materials that can be used in PowerPoint presentations and printed on demand for small group and one-to-one recruiting.	Marketing Group and (Tom Rolfes)	November 1
Establish one-to-one recruiting of new members.	Membership Group (Tom Rolfes)	After completion of focus group meetings
Evaluate effectiveness of new member campaign annually.	Membership Group	

Note: * Input required from CAP and Education Council to complete.

Recommendations:

- Develop Network Nebraska Business Plan outline to guide the development of the business plan
- Share the 2010 Network Nebraska Market Survey Report, Conclusions and Recommendations with the ESU Coordinating Council
- Other Education Council task groups should incorporate content from 2010 Network Nebraska Market Survey Report, Conclusions and Recommendations, and Network Nebraska Marketing Plan 2009-10 in to their action plans

<p>NITC Education Council Action Item Assignments -- DRAFT (See action item document for codes)</p>	<p>March 5, 2010 Technology Park Auditorium Lincoln, NE</p>
<p><u>Governance Task Group</u> Yvette Holly, Group Leader Mike Chipps Eileen Ely Dennis Linster Bob Uhing</p> <p>Action Item Assignments 1. N2a 2. N4h</p>	<p><u>Marketing Task Group</u> Arnold Bateman, Group Leader Steve Stortz Chuck Lenosky Mike Kozak SuAnn Witt Ed Hoffman</p> <p>Action Item Assignments 1. N4e 2. N4f 3. N4i 4. D7 5. E1</p>
<p><u>Funding / E-Rate Task Group</u> _____, Group Leader Leonard Hartman Terry Haack SuAnn Witt</p> <p>Action Item Assignments 1. N4c 2. N4d 3. N4g</p>	<p><u>Services Task Group</u> Ron Cone-Gordon Roethemeyer, Group Leaders Jeff Johnson Kent Gydesen Clark Chandler John Dunning</p> <p>Action Item Assignments 1. N4a 2. N4b 3. D2a 4. D5 5. D6</p>
<p><u>NN Recruitment Task Group</u> Craig Pease Bob Uhing Ken Clipperton? Steve Hamersky?</p> <p>Action Item Assignments 1. N4a</p>	<p><u>Network Nebraska Advisory Group</u> Dennis Linster, Co-Chair John Stritt, Co-Chair Ken Clipperton Tip O'Neill Bob Uhing</p> <p>Action Item Assignments 1. N2a 2. N3a 3. N4a 4. N4b 5. N4i 6. D7</p>
<p>EC Members not assigned (0): EC Voting Alternates not assigned (11): Gary Aerts, Jack Huck, Dennis Baack, Stan Carpenter, Dan Moser, John Dunning, Jeff Stanley, Dan Navrkal, Lois Dietsch, Ed Rastovski, Wayne Bell EC Members/Alternates on more than one group (3): Dennis Linster, Ken Clipperton, Bob Uhing, SuAnn Witt</p>	

NETWORK NEBRASKA STRATEGIC INITIATIVE ACTION ITEMS (2010-2011)

1. Identify Tier II communities that offer opportunities for aggregation for services onto the network.

N1a Action: The CAP will work with communities that express an interest in aggregating their public sector transport.

Lead: Network Nebraska (CAP)

Participating Entities: Specific communities, NITC Community Council, Nebraska League of Municipalities, Nebraska Association of County Officials, and public libraries

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: Continuation as is

2. The Chief Information Officer will continue the LB 1208 implementation by annually bidding infrastructure and connectivity for new regions of participants and developing the most cost-effective and efficient support structure possible for the statewide network.

N2a Action: The Network Nebraska network design/support team will develop a memorandum of agreement with local and regional education entities in order to develop a cooperative support system for the statewide education network that will mitigate data transport and synchronous video problems.

Lead: Network Nebraska (CAP)

Participating Entities: Network Nebraska—Education Advisory Group, ESU-NOC, Higher education entities, NITC Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: Continuation as is

N2b Action: The Chief Information Officer will annually update the State master purchase contracts for edge devices and monitor the local site purchases of such equipment in order to promote and encourage network equipment standardization.

Lead: Chief Information Officer

Participating Entities: Network Nebraska (CAP), ESU-NOC

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: Continuation with minor revisions

3. Offer Internet I services to eligible network participants.

N3a Action: The CAP will accept new orders for Internet service and continue to aggregate purchasing demand to secure a more economical price for statewide Internet service.

Lead: Network Nebraska (CAP)

Participating Entities: NITC Education Council, ESU-NOC, Higher Education Entities

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: Continuation as is

4. Prepare for the future of Network Nebraska as a statewide, multipurpose network.

N4a Action: Develop appropriate participation criteria (e.g. type of entity, bandwidth expectations) and a differential catalog of services and fees for Network Nebraska to serve all network participants (i.e. public/nonpublic K-12, public/nonpublic higher education, museums, science centers, libraries, others).

Lead: Network Nebraska (CAP)

Participating Entities: NITC Education Council, Network Nebraska—Education Advisory Group

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: Continuation with minor revisions

N4b Action: Charter a work group to research advanced network services for Network Nebraska participants.

Lead: Network Nebraska (CAP)

Participating Entities: Network Nebraska—Education Advisory Group, NITC Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: Continuation as is

N4c Action: Develop an online E-rate cost allocation calculator that will enable K-12 and non-K-12 entities to estimate the ineligible telecommunications costs resulting from offering non-K-12 services in a K-12 facility.

Lead: Education Council Funding/E-rate Task Group

Participating Entities: Distance Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: Continuation with minor revisions

N4d Action: Work to change the federal E-rate policies that create impediments and financial disincentives for collaborative usage of networks and videoconferencing by ineligible populations (Pre-K, adults, telehealth, etc...).

Lead: Nebraska E-rate Coordinator

Participating Entities: Educational Service Units, NITC Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: Continuation as is

N4e Action: Annually reissue the Network Nebraska Marketing Survey and subsequent Report to help steer the strategic direction of Network Nebraska—Education.

Lead: Education Council Marketing Task Group

Participating Entities: Network Nebraska—Education Advisory Group.

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: New

N4f Action: Annually update the Network Nebraska Marketing Plan.

Lead: Education Council Marketing Task Group

Participating Entities: Network Nebraska—Education Advisory Group.

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: New

N4g Action: Research and pursue grant writing that would assist with the deployment of statewide technology services.

Lead: Education Council Funding/E-rate Task Group

Participating Entities: Network Nebraska—Education Advisory Group, ESU Coordinating Council.

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: New

N4h Action: Review the viability and effectiveness of the Network Nebraska—Education Advisory Group and make appropriate changes to affect its structure, membership and meeting frequency.

Lead: Education Council

Participating Entities: Chief Information Officer

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: New

N4i Action: Develop a business plan for Network Nebraska—Education.

Lead: Education Council Marketing Task Group

Participating Entities: CAP, Network Nebraska Advisory Group, ESU Coordinating Council, ESUs

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: New

DIGITAL EDUCATION STRATEGIC INITIATIVE ACTION ITEMS

D1. Set a deadline, and establish standard(s) related to the administration and maintenance of content management systems by K-12 schools.

Lead: NITC Technical Panel

Participating Entities: Learning Management Systems Work Group, ESU Coordinating Council, Distance Education Council

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: Continuation with minor revisions

D2. Promote the availability, distribution, and use of digital media throughout the Nebraska educational community.

D2a Action: Promote the usage of the National Repository for Online Courses (NROC) content by Nebraska educators

Lead: Partnership For Innovation (PFI)

Participating Entities: ESU Coordinating Council, NITC Education Council Services Task Group

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: New

D3. Develop an affordable plan to provide access to learning management system software and a digital content management system for every teacher and learner and to also train teachers in effective instructional design to integrate synchronous and asynchronous technologies.

Lead: ESU Coordinating Council

Participating Entities: Technical Panel's Learning Management System Work Group, NITC Education Council, ESU Technology Affiliate Group

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: Continuation with minor revisions

D4. Provide training and encourage all education providers to list all dual enrollment and concurrent enrollment courses, and all enrichment opportunities on the statewide clearinghouse and scheduling software system.

Lead: ESU Coordinating Council

Participating Entities: NITC Education Council, Higher education entities

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: Continuation with minor revisions

D5. Develop and deploy a statewide digital content repository that allows the assignment of digital property rights and the uploading, cataloguing, metatagging, searching, and downloading of digital learning objects by Nebraska educators.

Lead: Nebraska Educational Telecommunications (NET) & ESU Coordinating Council

Participating Entities: Nebraska Department of Education, Education Council Services Task Group, ESU Instructional Materials Committee, Distance Education Council, Partnership for Innovation (PFI)

Timeframe: 2010-2011

Funding: Considerable funding will be required for this action item

Status: New

D6. Monitor the Nebraska Statewide Assessment System (NeSAS) and develop strategies that will assure its continued success and use of the most efficient and scalable technology infrastructure.

Lead: Technical Panel

Participating Entities: Education Council Services Task Group, ESU-NOC

Timeframe: 2010-2011

Funding: No funding is requested for this action item at this time.

Status: New

D7: Develop a business plan for Network Nebraska—Education to provide digital education resources statewide.

Lead: Education Council Marketing Task Group

Participating Entities: CAP, Network Nebraska Advisory Group, ESU Coordinating Council, ESUs

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time.

Status: New

E-GOVERNMENT STRATEGIC INITIATIVE ACTION ITEM

E1. Maintain the Education Portal on the State of Nebraska website.

Lead: Nebraska.gov (Nebraska Interactive LLC)

Participating Entities: Education Council

Timeframe: 2010-2011

Funding: No funding requested for this action item at this time

Status: New

Nebraska-specific Round 2 BTOP Applications; April 2, 2010

(search performed <http://www.ntia.doc.gov/broadbandgrants/applications/search.cfm>)

Applicant NEBRASKA, STATE OF
LINCOLN, NE

Application ID 5073

Contact Rod Wagner
rod.wagner@nebraska.gov

Project title Nebraska Library Public Computer Centers

Program BTOP

Proposed Project Area NE

Project type Public Computer Center

Funding Round Round 2 - Winter 2010

Grant request \$ 2,416,403

Status Application Received

Description This project will enhance broadband and computer center capabilities in 147 of Nebraska's libraries serving low-income, aged and underserved broadband communities. These libraries will meet the strong demand for free public computer access and deliver rich Internet and computer literacy skills, career advancement, distance education, health information and e-government training programs.

Executive Summary [Executive Summary](#) (pdf)

Applicant APPLIED INFORMATION MANAGEMENT INSTITUTE
OMAHA, NE

Application ID 6197

Contact Bradley McPeak
brad@aiminstitute.org

Project title Nebraska Broadband Response

Program BTOP

Proposed Project Area NE

Project type Public Computer Center

Funding Round Round 2 - Winter 2010

Grant request \$ 1,482,223

Status Application Received

Description The Nebraska Broadband Response (NeBR) will serve the employment and training needs of vulnerable populations in East Omaha and the eleven-county area comprising the Panhandle. The project will offer online trainings to participants to increase employability, promote career exploration and assessment, foster entrepreneurship, and ignite growth in these economically-suppressed communities.

Executive Summary [Executive Summary](#) (pdf)

Applicant LINCOLN, CITY OF
LINCOLN, NE

Application ID 6319

Contact Barbara Baier
bbaier@lincoln.ne.gov

Project title Jobs & Education Linkage (JEL) Computer Centers

Program BTOP

Proposed Project Area NE

Project type Public Computer Center

Funding Round Round 2 - Winter 2010

Grant request \$ 5,385,473

Status Application Received

Description Lincoln, NE will target 6 Census Tracts with high unemployment, poverty, crime and welfare rates for creation of 20 public computer centers, featuring online job training and education. Centers will be located at a community college, libraries, senior, minority, health and recreation centers. Public safety will be enhanced by installing Wi-Max so police can access online law enforcement data.

Executive Summary [Executive Summary](#) (pdf)

Applicant CENTRAL COMMUNITY COLLEGE
GRAND ISLAND, NE

Application ID 6387

Contact Gregory Smith
gpsmith@cccneb.edu

Project title ACCESS TO JOB SUCCESS: DISTANCE DELIVERY VIDEO UPGRADE

Program BTOP

Proposed Project Area NE

Project type Sustainable Broadband Adoption

Funding Round Round 2 - Winter 2010

Grant request \$ 2,827,476

Status Application Received

Description The project will serve a 25-county area of Nebraska that has experienced a doubling of unemployment in the last two years. It will impact 28 locations with advance infrastructure to spur job creation, education, and near- and long-term broadband adoption for more than 10,600 residents. The project will be implemented in two years; results will reverberate through the region for the next decade.

Executive Summary [Executive Summary](#) (pdf)

Applicant NEBRASKALINK, LLC
LINCOLN, NE

Application ID 6002

Contact Gary Warren
gary.warren@hamiltontel.com

Project title Connecting Nebraska Communities -- A High-Speed Broadband Network for All of Nebraska

Program BTOP

Proposed Project Area NE

Project type Comprehensive Community Infrastructure

Funding Round Round 2 - Winter 2010

Grant request \$ 11,547,866

Status Application Received

Description Backed by 7 rural telcos and substantial community support, NebraskaLink will deploy a high-speed network across Nebraska. This network will directly connect to 101 institutions in multiple communities and bolster growth in economically distressed areas. The network will also interconnect with last mile providers, improving broadband for businesses, residents, and 425 other anchor institutions.

Executive Summary [Executive Summary](#) (pdf)

Applicant PINPOINT NETWORK SOLUTIONS LLC
OMAHA, NE

Application ID 7463

Contact Tom Shoemaker
lynn.witte@pnpt.com

Project title Nebraska Advanced Broadband Network

Program BTOP

Proposed Project Area NE

Project type Comprehensive Community Infrastructure

Funding Round Round 2 - Winter 2010

Grant request \$ 53,813,875

Status Application Received

Description Pinpoint seeks funding to bring next-generation, middle-mile broadband to rural and unserved communities in Nebraska. Providing low-cost, high bandwidth service to local providers, the Pinpoint network will improve broadband access for anchor institutions in the healthcare, public safety, and education sectors, including a public/private partnership with the Mid-Plains Community College Area.

Executive Summary [Executive Summary](#) (pdf)