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:

  <mark>**N2a**</mark>**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.

  <mark>**N4a**</mark>**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).

  <mark>**N4b**</mark>**Action:** Charter a work group to research advanced network services for Network Nebraska participants.

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

  <mark>**N4f**</mark>**Action:** Annually update the Network Nebraska Marketing Plan.

  <mark>**N4g**</mark>**Action:** Research and pursue grant writing that would assist with the deployment of statewide technology services.

  <mark>**N4i**</mark>**Action:** Develop a business plan for Network Nebraska—Education.

  <mark>**D7**</mark>**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.