

**Iowa Telecommunications & Technology Commission
Grimes State Office Building, 1st Floor
400 E. 14th Street, Des Moines, IA 50319**

FINAL

January 16, 2014

To ensure the most efficient use of State resources, the January 16, 2014 ITTC meeting was held via video conference pursuant to Iowa Code section 21.8. A video conference also ensured more Commissioners were able to participate in the meeting and reduced the risk of delays caused by weather or other impediments to travel. The meeting was accessible to members of the public through attendance at the Grimes State Office Building.

Commissioners Present

Richard Bruner, Chair (on-site)
Robert R. Hardman, Member (via video conference)
Mary Sellers, Member (on-site)
Kathleen Kohorst, Member (on-site)
Mary Mosiman, Ex-Officio Member (on-site)
Timothy Lapointe, Member (on-site)

Iowa Communications Network Staff Present:

David Lingren, Executive Director
Mark Johnson, Administration Director
Ric Lombard, Network Operations and Engineering Director
Philip Groner, Business Services Manager
David Marley, Network Operations and Engineering Manager
Helen Troyanovich, Product Engineering and Delivery Manager
Jontell Harris, Director of Government Relations
Lori Larsen, Communications Director
Marcia Page, Executive Secretary
Karen Alessio, Secretary (Recorder/Minutes)

Guests:

Sean Cory, CenturyLink
Joe Hrdlicka, Iowa Telecommunications Association (ITA)
Kathy Goebel, Regional Telecommunications Council (RTC) 5 (via video conference)

Call to Order

Chair Bruner called the meeting to order at 10:32 a.m. It was noted that a quorum of members was present for the meeting.

Approval of November 14, 2013 Meeting Minutes

Commissioner Sellers moved to approve the November 14, 2013, Iowa Telecommunications and Technology Commission (ITTC) minutes as written. Commissioner Kohorst seconded the motion. The minutes were approved unanimously.

Commissioner Hardman – Yes
Commissioner Kohorst – Yes
Commissioner Lapointe – Yes
Commissioner Sellers – Yes
Commissioner Bruner – Yes

Old Business:

2.0 Update - David Lingren

ICN 2.0 presents many exciting possibilities for helping Iowan's. Currently, it is unknown how much of ICN 2.0 will be embraced by the Governor and the Legislature. ICN 2.0 language is included in Governor Brandstad's *Condition of the State* Address. At this point the legislature is focusing more on ICN taking

bandwidth and wholesaling it by means of the private sector. ICN 2.0 is not considered a complete solution, but a building block necessary for Broadband in Iowa to begin. ICN would provide connectivity and let the private sector serve the industry, resulting in a strengthened Public/Private partnership. At this time, it is unclear as to whether the Secure Data Network (SDN) concept of 2.0 will be considered at this time by the Legislature. However, that could change. It is important and should be recognized for the safety of Iowans to be protected against a cyber-attack. ICN's executive leadership staff has been presenting ICN 2.0 to legislative leadership. The response has been positive and it appears the Legislature is beginning to understand the value of ICN 2.0.

Chair Brunner: David, would you please discuss some highlights of the *Connect Every Iowan Act* handout.

David Lingren: The *Connect Every Iowan Act* moves toward ICN 2.0, allowing private providers to purchase unused ICN bandwidth at wholesale rates in unserved or underserved areas. The key is defining underserved or unserved by the Governor's broadband initiative which would allow the ICN to provide that bandwidth.

Preparing Iowa's Workforce is training through Science Technology Engineering and Mathematics (STEM), digital literacy, supporting internships and the 1:1 program. The STEM Advisory Committee, made the suggestion to the Governor's Office regarding the broadband initiative. Many schools do not have adequate bandwidth to support programs that require Internet access, and more bandwidth is required. The State's Chief Information Officer (CIO) is given responsibility for coordinating the broadband efforts of state government. Should the bill pass, the CIO will be a member of the Iowa Telecommunications and Technology Commission (ITTC) and the Iowa Statewide Interoperable Commissions System Board (ISICSB). Iowa Workforce Development (IWD) will select a provider to support county and community sites to adopt the use of laptops or tablets and workforce training.

Q&A Discussion

Q: Commissioner Lapointe: Remind me of the definition of STEM. What qualifies for broadband, is there a certain amount of bandwidth that is required and why the emphasis now?

A: David Lingren: STEM is an acronym used for the fields of study in the categories of Science Technology Engineering and Mathematics believing that the educational system needs a greater emphasis in those areas.

New Business:

Capitol Complex Services – Philip Groner

The Executive Branch CIO has requested a non-standard service for one of its state agencies located on the Capitol Complex. IWD is planning in conjunction with the office of the CIO to move servers that are housed at the headquarters complex to the Data Center managed by the state located at the Hoover Building. This is the state's efforts for consolidation. IWD is making this move to the centralized Data Center. In order to accomplish this, connectivity is needed to move and migrate data, which is done gradually. Increased bandwidth is necessary to accomplish this. Both ICN and Information Technology Enterprise (ITE) proposed using existing data services on the Capitol Complex, primarily Gigabyte or Ethernet connectivity. IWD does not feel that either connectivity has the capability to accommodate their needs, especially to ensure decreased down time. Many of the applications that IWD is moving are unemployment claims, with Fridays and Saturdays being the highest volume days. IWD needs time to move the data over a period of time and they are requesting a dark fiber connection between campus buildings. This would be temporary and would move off the dark fiber connection once the data transfer is complete and ITE has completed some infrastructure upgrades that will be done for campus connectivity. The timeline for this to take place is Spring of 2014. This request is being brought to the Commission as it is a non-standard service offering. In addition, it would set a precedence of the ICN offering this service. The office of CIO has requested authorization to offer a temporary dark fiber service for this specific event with a preset time frame of June 30, 2014. Should there be any delays or problems with the project and

additional time is necessary, ICN would seek the Commission for approval.

David Lingren: Dark fiber is defined as the fiber that the network provider (ICN) provides through fiber optic cables to the customer. However; the light for the fiber is provided by the customer rather than the network provider. The CIO and agencies understand that the ICN will not offer services that could potentially be detrimental to the ICN's role of being the telecommunications provider on Capitol Complex. Potential complications could arise regarding the use of dark fiber. The question then arises as to which party is responsible should a problem arise? It has been made clear to the CIO that should any requests be made pertaining to the Capitol Complex, the request will always be brought to the Commission, and will not be offered if the Commission does not approve.

Q: Chair Brunner: Will the ICN be involved in the move or is that the responsibility of IWD?

A: Philip Groner: The data transfer and move of the servers would be the responsibility of IWD in conjunction with Iowa Technology Enterprise (ITE). Once the dark fiber is provided, ICN would not have an active role in the Data Center migration.

David Lingren: As long as the fiber remains connected and functioning, ICN would not have any role in it.

Q: Commissioner Lapointe: Why is IWD moving to the centralized Data Center? What representation does ICN have with the Department of Administrative Services (DAS) and Information Technology (IT)? What percentage of dark fiber is requested for this project?

A: Philip Groner: IWD is moving due to larger consolidation efforts that the office of CIO has completed with other state Executive Branch State Agencies. Over the past couple of years, IWD has consolidated email services to ITE. Consolidation of the Data Centers, as many state agencies have their own data centers in their own buildings, is phase two of that process of transporting to a centralized location. This would be a pair of fibers on the Capital Complex Network. Some build out is required and ICN would make small connections, resulting in a single pair of fibers. Compared to our overall fiber asset on the Complex, not a lot of dark fiber is being requested.

David Lingren: The combined role with DAS has positive and negative aspects. A positive aspect would be the role of coordinator. David Roeder stressed the importance of communication between himself and the Department of Management (DOM), as well as the CIO for the Executive Branch of Iowa, Bob von Wolffrad. When discussing the Capitol Complex Services, it has been agreed upon to continue in the direction that Bob von Wolffrad suggests, with the understanding that the decision would be brought before the ITTC for approval. Communication multiple times a week occur between David and Bob von Wodffrad, discussing anything that involves a state agency on the Capitol Complex, as it is ICN's job to receive Bob's concurrence. The negative aspect of the combined role was the lost identity of the ICN and ITTC. When problems arose concerning the ICN, the Director of the DAS was contacted and ICN lost its value proposition. As a result of ICN reidentifying itself with a new value proposition, ICN 2.0 was born.

Q: Commissioner Lapointe: There are many things that would benefit the state, but a mechanism is not in place to force all of state government to comply so the economies of scale can be used to purchase major networks and operating systems. Commissioner Lapointe stated that he is in favor of the Capitol Complex Services only as an exception.

A: David Lingren: Due to the federal funds that are received, there are limitations as to how funds are used and under what purchasing authorities. In a normal environment, the CIO would have telecommunication and information technology combined. Typically the CIO is not operating a network, and the telephone service that is being used is purchased from another customer. Information technology is different than telecommunications because they are different technologies.

ICN's recommendation is that the Commission approves the ICN to offer the office of the CIO a temporary dark fiber connection for the purpose of moving the IWD data center. The recommendation and service will end June 30, 2014.

Commissioner Lapointe made the motion to provide Capitol Complex Services until June 30, 2014 and no longer without approval of the Commission. Commissioner Kohorst seconded that motion. The motion was approved unanimously.

Commissioner Hardman – Yes
Commissioner Kohorst – Yes
Commissioner Lapointe - Yes
Commissioner Sellers – Yes
Commissioner Bruner – Yes

Legislative Update– Mark Johnson

The ICN has a bill that is to be introduced to the Legislature, it will contain two pieces. One piece is to remove the Director of DAS from the consultation role that a Director previously had for the appointment of the Executive Director. This relates to ITE moving out of DAS and under the creation of the State CIO role. This was originally put in the statute when DAS was created. At that point there was an effort to potentially have one person perform both roles. Looking back in legislative history, there was discussion of possibly combining the ICN with DAS when it was first created. However, issues arose and that did not occur. The other piece of legislation that will be included in the bill will be related to the ICN being authorized to own part III connections if the provider approaches the network and decides that it does not want to provide that connection. In 2011, this language was offered; however, no action was taken. With ICN 2.0 initiative, this may be seen as a more valuable piece of property to the providers and they may find additional use for it if the language is adopted using it for their own traffic. This would also make it available so ICN has the opportunity to protect users in the event that ICN has a provider who doesn't want to provide services or maintain that connection. ICN will have another piece of language that will be offered through the appropriations process. ICN has the Managed Services Maintenance Contract which will entail a contract amount and will be in excess of the ICN Contract Limitation amount as established under the statute. ICN will be asking the Legislature to accept that contract from the Contract Limitation amount so ICN can move forward as it is a multi -year agreement similar to BTOP (Broadband Technology Opportunities Program)

Q: Chair Bruner: Ric, please provide an update regarding the Maintenance RFP.

A: Ric Lumbard: The RFP is going through the final stages; it is very close to being completed. From the beginning, ICN maintenance has been serviced by the private sector. ICN provides the operational oversight and engineering design of the Network. ICN is currently at the end of the current Managed Services Contract. This RFP includes an extensive list of response requirements and penalties. If metrics are not operating properly, how is the accountability? The RFP is being reviewed very closely by multiple people within the department to make certain that all operational procedures are correct and manage the vendor relationships. The wire center and data room at the Joint Forces Headquarters (JFHQ) are part of this process as well.

Q: Commissioner Kohorst: How old is the current contract and what are you proposing for the new contract as far as length is concerned? Is it an annual contract?

A: Ric Lumbard: No, it is not an annual contract. ICN wants performance levels to be key going forward with the new contract. ICN requests options from the vendors and private sector, requesting them to offer aspects as well. It will begin with a five year term; and will be directed by performance, proceeding with solutions and options to complete the contract.

Q: Commissioner Kohorst: Five years seems like an eternity in this technological area.

A: Ric Lumbard: It has taken six months to finalize the terms and conditions. This has not been an annual process for ICN. This is the first time some of these procedures have been reviewed in many years. Some of the documents have had to be reviewed to be certain that the operating procedures are still valid.

Q: Commissioner Lapointe: How are the ICN and the ITTC represented in ITE?

A: Mark Johnson: The working relationship that ICN and ITE has developed in terms of identifying the line of demarcation between the services ICN provides and the services ITE provides.

Q: Commissioner Lapointe: The entities that have part III leases, who no longer want the connection, will ICN be taking back the leases under the same terms and conditions as they did in the past?

A: David Lingren: Changes have already taken place due to BTOP; the ICN did Indefeasible Rights of Use (IRU) for approximately 150 locations in which the ICN paid a one-time fee for a 20 year use of the fiber. Since there is no longer a lease, the ICN is providing the service. If passed by the legislation and given to the ICN, the ICN would operate in the same manner.

Mark Johnson: The ICN is required to lease the Part III connections. The state does own a small number of connections that are specifically identified by the legislature and were approved when the Part III connections were being built. There are specific locations where the ICN is authorized to own connections for the Part III Connections.

Q: Chair Bruner: As far as a timeline is concerned, when are the bids due?

A: Ric Lumbard: There is a general timeline and the contract will be released out shortly. Resources will be available with two "Question and Answer" periods. A Bidder's Conference will not take place. Questions will be entertained in the same manner as the ICN Sale/Lease RFP. Questions will be received, answered and posted to the ICN website. There will be a period allotted to respond to the RFP, followed by an evaluation process then a recommendation will be made. The existing contract expires entirely after this calendar year, resulting in going through the selection process, contract negotiation period and allowing an organization the opportunity to resume responsibility of the contract. ICN will have a crossover period should there be a different vendor than we currently have. If a change in vendor occurs, there will be an overlap period to maintain high levels of proficiency in our network during that time period. By New Year's Day 2015, ICN will be under a new contract entirely.

Q: Commissioner Lapointe: Is there a possibility to expand the ICN by taking over the Maintenance Contract? Would this be considered if the cost were too high with the RFP's?

A: Ric Lumbard: If the bids received are too high and ICN has to reject each one, ICN would make definite changes to the contract. ICN's goal is to continue in the direction of a lifespan with a public/private partnership. Allowing ICN to manage maintenance would change ICN's internal philosophy.

Chair Bruner: Dr. Robert Hardman, who has been serving on the Commission for 12 years, has elected not to apply for re-appointment.

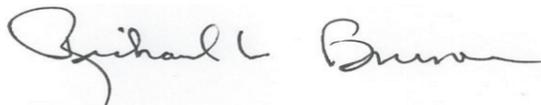
Commissioner Hardman: Dr. Hardman expressed what an honor it was being chosen and appointed to the ITTC. Dr. Hardman has thoroughly enjoyed the time he has spent working with the Commission members and ICN staff. Being involved from day one, Dr. Hardman is extremely pleased at the direction that the ICN is headed. ICN 2.0 is exciting and a marvelous step in moving the ICN forward. Being one of the strongest supporters of the ICN, he will be excited to continue reading about future activities of the ICN and the Commission.

Chair Bruner: The ITTC meeting scheduled for February will be cancelled and rescheduled for March.

Adjournment

Commissioner Kohorst moved that the meeting be adjourned. The ITTC meeting adjourned at 11:28 a.m.

ATTESTED TO:



Richard Bruner, Chair, Iowa Telecommunications and Technology Commission