THE STATE OF UTAH
BROADBAND PROJECT

UTAH BROADBAND ADVISORY COUNCIL

Wednesday, August 27, 2014

10:00 a.m. – 12:00 p.m.

Utah State Capitol Building Board Room

Attendees:

Kelleigh Cole, Utah Governor's Office of Economic Development
Amie Parker, Utah Governor's Office of Economic Development
Heather Webster, Utah Governor's Office of Economic Development
Jeff Van Hulten, Utah Governor's Office of Economic Development
Bert Granberg, Utah Automated Geographic Reference Center
Jessie Pechmann, Utah Automated Geographic Reference Center
John Harvey, Utah Public Service Commission
Jeff Egly, Utah Education and Telehealth Network
Dennis Sampson, Utah Education and Telehealth Network
Sabrina Scott, Utah Education and Telehealth Network
Melinda Brereton, Utah Education and Telehealth Network
Sharon Berteksen, Ballard Spahr, LLP
Kira Slawson, Blackburn & Stoll, LC
Lee Chaplin, EDCUtah
Douglas Meredith, John Staurulakis, Inc.
David Ream, U.S. Forest Service
Ryan Yonk, Utah State University
Wilf Sommerkorn, Salt Lake City
Nole Walkingshaw, Salt Lake City
Janice Lew, Salt Lake City
Mitch Zundel, Box Elder County
Bill Duncan, Utah Division of Public Utilities
Rick Raile, Emigration Canyon Council
Matt Hamlin, Tonaquint Networks
Roger Tew, Utah League of Cities and Towns
Janet Van Eerden, Verizon Wireless
John Lafferre, Verizon Wireless

Tara Thue, AT&T
Ralph Vigil, CenturyLink
Eric Isom, CenturyLink
Georganne Weidenbach, CenturyLink
Josef Wavra, Enterprise Technologies
Dave Ryan, Strata Networks
Tyler Rasmussen, Strata Networks
Steve Proctor, Utah Communications Agency Networks
Jack Walkenhorst, All West Communications
Matt Weller, All West Communications
Michael Lane, Sprint
Angie Welling, Google
Brock Johansen, Emery Telecom
Jared Anderson, Emery Telecom
Steve Proper, Comcast
Willis Kenner, Comcast
Diane Bradshaw, Direct Communications
Lynn Beecher, Skywire Fiber
Mike Giles, Frontier Communications
Chad Sundloft, T-Mobile
Todd Shingleton, T-Mobile
Rachel Dees, Level 3 Communications
Madeleine Greymountain, Confederated Tribe of Goshute
Melissa Paraibe, Confederated Tribe of Goshute
Ryan Marriott, Americom
Terrance Bride, Ogden City

Kelleigh Cole, Manager of the Utah Broadband Project, updated the council on current edits for the Utah Broadband Plan. The most notable change to the plan was offered by Shirlee Silversmith, Director of the Utah Division of Indian Affairs, to add a page related to broadband planning for the Tribes in Utah. The Utah Education and Telehealth Network (UETN) provided some edits which were added to the current version where it discusses broadband access to schools, libraries and healthcare. The latest version contains the final text and provided a current list of contributors. The release date for the Broadband Plan is anticipated for September.

Dennis Sampson, Associate Director for UETN, gave an update on E-Rate modernization. The Federal Communications Commission (FCC) has adopted the State Educational Technology Recommendations for broadband access in schools with a 100 megabyte connection per 1000 students as the standard. Utilization of UETN's network is increasing throughout the state. Standards will need to be increased as the demand continues to grow. One concern of E-Rate modernization is the classification of urban and rural school districts. UETN is encouraging stakeholders to submit a Petition for Reconsideration to the FCC regarding this new classification. Additionally, E-Rate modernization has the potential to negatively affect UETN's financial ability with new restructuring and recommendations. In the future, broadband will be supported by E-Rate, while voice services will not be supported by E-Rate.

Kira Slawson, Blackburn & Stoll, added an update on the definition of rural. The FCC and the National Cable and Television Association (NCTA) have met and are realizing that adoption of census bureau numbers may have unintended consequences. There is talk about the FCC issuing an erratum which would nullify the need for a Petition for Reconsideration. Due to the importance and need of broadband, UETN is advocating for an increase in funding for broadband across the nation. At this time, the FCC has not increased funding, just allocating the current funds differently.

Steve Proctor, Utah Communication Authority (UCA), gave an overview of the changes to UCA in the last legislative session. The Utah 911 Committee, the Statewide Communications and Interoperability Committee, radio services from the Department of Technology Services (DTS) and the Utah Communications Agency Network were combined to form Utah Communications Authority (UCA). These departments and resources were combined to increase collaboration and efficiency. Part of the bill included a task force to study what funding is needed, what funding options are available and how to support public safety networks among other things. The committee is made from various members of the legislature, state government officials and local government officials.

Proctor, who is also the Interim Director for FirstNet of Utah, gave an update regarding FirstNet. FirstNet is the Nationwide Public Safety Broadband Network (NTSBN) sponsored by the National Telecommunications and Information Administration (NTIA). Each state has received a grant to begin the process of outreach and education. Currently, they are developing a plan for what the needs are and how to reach those needs for public safety in Utah.

Ryan Yonk, Research Director at Utah State University (USU), presented an overview of the 2014 Demand Survey. The purpose of this survey was to understand the profile of nonadopters of broadband in the home and identify barriers. There were 500 participants in the survey with 27,000 calls made to find the participants. There was a 60/40% split between home and mobile phone calls, respectively. The survey found that the nonadopter of Utah does not look like the typical non-adopter from research across the nation. The primary reasons for nonadoption included lack of need or interest and lack of computer skills.

Bert Granberg, Director of Utah's Automated Geographic Reference Center (AGRC), presented the Maps of the Month for May, June and July. May's Map of the Month focused on visitor centers at tourist attractions throughout the State of Utah. Included on the map are the mobile speeds for each destination along with the highest fixed broadband speed in the community nearest to each destination. June's Map of the Month looked at communities in Utah that still have relatively slow broadband speeds for Utah. This map was in response to the Community Connect funding program which focuses on unserved and underserved communities in the nation. There are currently many areas of Utah that are underserved, but do not meet the requirements of the Community Connect Grant. The communities on this map are mostly just above the standard set by the Community Connect Program, which is a

combined upload and download speed of 3 Mbps for residential services. These communities are mostly in the southeast and northeast parts of the state which include Millard and Daggett Counties. July's Map of the Month focuses on broadband services in and around Tribal lands. This map shows providers, broadband speeds and where the tribal lands are in Utah. August's Map of the Month is focused on how the data collection by the FCC (form 477) going forward will be displayed on the new Broadband Map versus what it has been in the past. The FCC will collect reports of actual speeds not speed tiers. Fixed wireless technologies data collection will be more aggregated and combined in a census block rather than an actual footprint. Speeds will be more refined but geography will be more generalized.

Rick Raile, Chairman for the Emigration Canyon Council, presented to the Council problems that exist in Emigration Canyon. A proposal to widen the road and provide a bike lane is currently underway. A lack of strong broadband coverage is a real concern for public safety in the canyon and for the residents. A request was made for the county to insert empty conduit during the road expansion process.

Wilf Sommerkorn, Planning Director for Salt Lake City, presented a history on utility boxes throughout Salt Lake City. Currently, Salt Lake City is proposing a new process to upgrade the utility boxes within the city limits. Janice Lew, Salt Lake City, continued with what the new streamlined process would entail. This process will look at boxes that need to be replaced due to size or another specific reason. The City wants to incentivize utility boxes that are less visible or hidden from mainstream view, for example, in alleyways. The goal is to revise the permitting process by finding an unobtrusive size threshold for the boxes and give right-of-way access to the public. Salt Lake City requests any feedback, questions or concerns that members of the Council or the public may have.

Mitch Zundel, Box Elder County, gave an update on Grouse Creek in Box Elder County. The most apparent problem with this area is public safety. There is no mobile service through this area, inhibiting residents from contacting first responders. The County is requesting ideas for implementing infrastructure for mobile services for increased public safety and economic development.