

Regional Broadband Planning Council

Meeting Agenda

Five County Association of Governments
1070 W 1600 S bldg. B
St George, Utah 84770

March 4, 2014
1:00 PM

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|---------------------------------------------|--------------|
| I. Fiber 101 presentation | Lynn Beecher |
| II. Review SWOC, needs assessment and goals | Levi Roberts |
| III. Identify strategies for each goal | |
| IV. Other Business | |
| V. Adjournment | |

Electronic participation will be available for any Broadband Regional Council members to participate in this meeting if unable to attend in person. The physical "anchor location" for this meeting is:

1070 W 1600 S bldg. B
St George, Utah

The public should attend at the physical anchor location.

Members may participate via telephone conference call by calling toll-free: 1-800-444-2801.

When prompted for a Conference Session ID number please enter: 8143271.

If you have difficulty call the Customer Service number (866) 497-5033.

In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify Levi Roberts, Community Planner, Five County Association of Governments; 1070 West 1600 South, Bldg B, St George, UT - Phone # (435) 673-3548 at least three working days prior to the meeting.

	Strengths	Weaknesses	Opportunities	Challenges
Residential	<ul style="list-style-type: none"> -Basic broadband proliferation throughout most of region -Comparable affordability in rural areas 	<ul style="list-style-type: none"> -Lack of competition -No broadband service in Big Water and other isolated areas -Many residents cannot afford service 	<ul style="list-style-type: none"> -Possible partnerships with federal/state entities to expand network -USDA and other grants available for rural areas 	<ul style="list-style-type: none"> -Lack of market demand in rural areas -Difficulty working with federal/state entities
Economic Development	<ul style="list-style-type: none"> -High speed internet availability for complex business operations in St George & Cedar City -Wi-fi availability in tourist-based locations 	<ul style="list-style-type: none"> -Lack of fiber connectivity in many areas. -Lack of redundancy in Business Parks and rural areas 	<ul style="list-style-type: none"> -Improved economic diversity opportunities in rural areas as availability increases -Attracting high profile home-based businesses. 	<ul style="list-style-type: none"> -Data usage is increasing dramatically for most industries. -Difficulty attracting businesses in search of higher redundancy
Health & Education	<ul style="list-style-type: none"> -Strong Connection provided to schools & libraries via UEN and hospitals via Western Fiber Net. -Responsiveness & investment to the needs for health & education sectors 	<ul style="list-style-type: none"> -Limited bandwidth in isolated areas for telemedicine -Network is vulnerable to uncertainty in government -Lack of knowledge about UEN resources 	<ul style="list-style-type: none"> -availability of universal service dollars to expand health network -Functionality of UEN to respond to needs 	<ul style="list-style-type: none"> -Inter-state connection of medical network -Reliance on internet for all education functions with lack of home internet access for students and limited data capability in schools -More devices per student
Infrastructure	<ul style="list-style-type: none"> -Local ISPs work well together and are succeeding in attracting customers -UDOT willingness to install conduit & work with service providers 	<ul style="list-style-type: none"> -Regulations prohibiting cooperation between ISPs and Federal Government. -Lack of communications between private and public sector 	<ul style="list-style-type: none"> -Available right of way to access many rural areas. -Infrastructure, such as microwave towers exist in rural areas. -Public/Private partnerships to expand network. 	<ul style="list-style-type: none"> -Access to towers for microwave service is difficult, as most land is BLM. -Right of way constraints in rural areas -Physical/distance barriers to access isolated/rural areas -Environmental Review adds cost to expansion

	Urban (St George, Cedar City Areas)	Rural (small cities and towns, i.e. Panguitch, Beaver, Kanab)	Frontier (isolated, sparsely populated areas)
Residential	-Expanded Mobile Data capacity -lower cost options	-More broadband provider diversity	-Basic broadband service in populated areas -More reliable service
Economic Development	-More redundancy and higher bandwidth in industrial areas -Wider availability of existing broadband infrastructure -Increased public internet access zones -Opportunities to tie into backbone network	-More redundancy and competition -High speed broadband service to attract high profile home businesses -More reliable service	-Increased broadband availability for agriculture, mining, and tourism activities -Cooperation among existing stakeholders to facilitate broadband expansion
Health and Education	-More devices at public access zones -Wider internet access at home -Increased wireless bandwidth in schools/universities to accommodate more data usage	-Increased bandwidth to health clinics to facilitate video-conferencing -Wider internet access for students at home -Higher speed in public access zones, establish community libraries to access UEN resources	-Cooperation with UEN to provide basic broadband service to facilitate educational opportunities
Infrastructure	-Cooperation with local governments to overcome right-of-way constraints and provide available conduit on utility corridors	-Work to overcome physical barriers of expansion, -Cooperation with federal entities (i.e. BLM) and ISPs to utilize existing infrastructure of conduit, towers, etc. to expand network	

Regional Broadband Goals

1. Proliferation of a variety of options for affordable, reliable, high speed residential internet service
2. Higher redundancy and bandwidth in industrial areas, business parks, and other potential sites for businesses to attract retain businesses
3. Increased bandwidth in schools, libraries, hospitals and public access sites to facilitate more data usage.
4. Improved cooperation between internet service providers and government entities to expand the network of broadband infrastructure