

Name	What is the biggest broadband issue that the state is facing?	From your personal perspective, what is the most significant trend in broadband development?	What focus should the Blandin Strategy Board prioritize over the next 12 - 18 months?
<b>Danna Asche</b> (218) 387-3662 <a href="mailto:danna.asche@co.cook.mn.us">danna.asche@co.cook.mn.us</a>	<b>The lack of an actionable strategic plan to provide ubiquitous ultra highspeed access to all citizens.</b>	<b>Local governments are starting to get the message on how important broadband infrastructure is to their communities and are becoming better at articulating what their role(s) might be in making it happen.</b>	<b>More showcasing of what is being done and what is just around the bend along with supporting the early adopters in our communities as they develop and pilot concepts to see what works in their environments.</b>
<b>Kevin Beyer</b> (320) 324-7111 <a href="mailto:Kbeyer@fedtel.net">Kbeyer@fedtel.net</a>	<b>Qwest areas are underserved, especially with rural MN. They need to do this as cable providers do not serve out of town. Satellite is not an option. Wireless is also limited in up and downstream bandwidth.</b>	<b>People want more and more speed, but are hesitant to pay for it. \$30 - \$40 is the price point. More streaming video and movies. High schoolers get online, huge bandwidth demands.</b>	<b>Legislative: mapping advisory role. Needs to include satellite, cellular, mom and pop providers. Need to include costs, bandwidth, etc; Need to get as many or all SB members on task force.</b>
<b>Steve Downer</b> (763) 551-1230 <a href="mailto:sdowner@mmua.org">sdowner@mmua.org</a>	<b>Situation is better than it was 10 years ago, but there are underserved areas. Need to help communities to clarify thinking, identify needs, etc.</b>	<b>Public – private schism gets in the way. Political issues on the electric side took spotlight away from telecom. Waiting to see what interest from muni electrics. Improvements from existing providers has deterred interest.</b>	<b>Make Blandin work more visible, even the community work. Stay away from legislation and work with communities. Bring task force members get together to talk; create opportunities to discuss issues.</b>
<b>Dennis Egan</b> (651) 917-6001 <a href="mailto:degan@cookhillgirard.com">degan@cookhillgirard.com</a>	<b>Information and messaging about the need for broadband infrastructure to better educate leadership. Need to create a shared vision.</b>	<b>Confusion is the trend.</b>	<b>Bring in application vendors and end-users. Sharpen messaging to increase leadership education. Toolkit, process overview, good and bad practices. Focus on greater good; role of individual members.</b>
<b>Gary Evans</b> (507) 474-5800 <a href="mailto:garye@hbci.com">garye@hbci.com</a>	<b>Is not any statewide consensus on what broadband is or what it ought to be. What is the correct definition? What are the applications- voice, video and data emerging as a single application. Emerging applications are important.</b>	<b>Developing bb across the state. Rural MN is understanding that the existing providers are not going to make it happen. Muni interest is growing by leaps and bounds. Worried about being disenfranchised.</b>	<b>Help state define broadband. Relatively specific guidelines.</b>
<b>Burl Haar</b> (651) 201-2222 <a href="mailto:burl.haar@state.mn.us">burl.haar@state.mn.us</a>	<b>No response.</b>		
<b>Al Juhnke</b> (651) 296-6206 <a href="mailto:rep.al.juhnke@house.mn">rep.al.juhnke@house.mn</a>	<b>Competition, cost, and speed of government regulation. (Not necessarily in that order)</b>	<b>Degradation of quality as infrastructure is stretched to its limit.</b>	<b>More 'show &amp; tell'. We should visit offices, government units, infrastructure projects, etc. and where we can touch and feel as well as engage others.</b>

<p><b>Steve Kelley</b> (612) 626-6629 spkelley@visi.com</p>	<p>The spottiness of high speed availability in Greater MN. The lack of competition, especially in the Twin Cities for High Speed. – Legacy arrangements leave us no clear path.</p>	<p>Internet video. Video sharing, downloading, uploading videos, Youtube. Both positive and negative impact. Accessibility of information. Ownership.</p>	<p>Explore bandwidth needs of the video environment. What do we really need for quality video? Not two inch boxes with jerky video. What would video look like without bandwidth limits? Other aspects of cyber bandwidth needs? Other applications that would bloom if the bandwidth is there. Humphrey Institute synergy? Online collaboration tools affecting decisions.</p>
<p><b>Eric Lampland</b> (651) 227-8122 eric@lookoutpt.com</p>	<p>We do not have technically qualified resources; people need good advice. In rural areas, the ability to build regional cooperation/coalitions.</p>	<p>Application trends are bandwidth intensive. OTT video Solidification in the feeling that incumbents are not up to the task. Searchable video from google. Pricing comparable to EU. Content provider control.</p>	<p>How do we build regional coalitions? How do we engage support of general service providers. We need them to solve the density the problem.</p>
<p><b>Jon Linnell</b> (218) 745-3242 jlinnell@northregionha.com</p>	<p>Mapping what is available is needed. State will be doing this. What is the redundancy for critical uses? This is even more important as more uses are adopted?</p>	<p>Increasingly dependent on the broadband. EMR is dependent to achieve benefits, telemedicine, PAC, video conferencing, telepharmacy. Within 5 years, it is even more critical. Increasing connection to the home, telehome health.</p>	<p>More health care discussion since health care is a power user. Inter-silo collaboration enabled through the SB. How can we utilize the network?</p>
<p><b>Dan McElroy</b> (651) 259-7119 Dan.McElroy@state.mn.us</p>	<p>Take rate has been low in communities like Windom which is a disincentive to further investment.</p>	<p>We do not hear much directly from business, though SBDC hear about. Economic developers see fiber as increasingly needed. Industrial development is dependent on access to fiber and services. Depends on business prospects.</p>	<p>Wants to be involved. Agenda with updates on what's happening in the industry. Positive and negative stories about gov't involvement. What is the role of government in setting standard; very small community role and strategies; role of wireless broadband. Technology updates would be of interest. OET / role of state government. How can state government be helpful.</p>
<p><b>Mike O'Connor</b> (651) 647-6109 <a href="mailto:mike@haven2.com">mike@haven2.com</a></p>	<p>Further consolidation of providers is an issue (down to one) as we are losing competition, reduced quality, reduced innovation, reduced pace of improvement. MN is losing ground.</p>	<p>Willingness of providers to limit or manage or throttle bandwidth based on applications and destination. Providers decide who, what.</p>	<p>Staff should bring real decisions to the task force. Do not spend time talking at the tf. Maps are boring. Repeatable methodology to move communities forward on projects. Help cities get good talent.</p>
<p><b>John Scanlan</b> (651) 308-5182 <a href="mailto:telehealthcaredoc@gmail.com">telehealthcaredoc@gmail.com</a></p>	<p>Getting it there. Community and middle mile are both necessary. Chicken and the egg. Need to accelerate the demand. Government roles.</p>	<p>MN Telehealth group emerging out of Wadena. Received grant. \$5 Million. Money for network, none for administration. Critical care hospitals. Usage is Limited.</p>	<p>Need brainstorming by the SB to develop strategies to stimulate demand. Create policies on building codes, etc.</p>

		<p>Marshfield Clinic is model for integrating care with technology. Companies are moving workers into their homes. Even large companies lack technology vision and need technology champions and commitment.</p>	<p>Get representative from specialty medical, UM orthopedic, learn from the doers. Director of Marshfield Clinic as speakers. Montana and Ontario (DR. Brown) examples of telehealth.</p>
<p><b>Greg Vandal</b> (320) 253-4703 <a href="mailto:greg.vandal@isd47.org">greg.vandal@isd47.org</a></p>	<p>Not certain.</p>	<p>Resource is lacking. Our tech support is excellent; teachers are doing great. Students are smart. We lack the network and equipment. No online learning; inhouse tools are used. Parents use online tools to access information. We need a dedicated resource base for purchase and maintenance, competing with roofs.</p>	<p>Feels like the odd duck on the technology issue with the SB. The more we stay at a strategic level, the more helpful he can be of value. Avoid techno geek stuff. Strategic approach to make connectivity equitably across the state. It is difficult for him to link this message back to the superintendents' group. Maybe we need to go there!</p>
<p><b>Bob Vose</b> 612.337.9275 <a href="mailto:rvose@Kennedy-Graven.com">rvose@Kennedy-Graven.com</a></p>	<p>How can local governments get involved in broadband deployment? What are the legal impediments? How can they be overcome? Disconnect between private sector providers believe and say versus what the consumer can get. How do we overcome "We are just fine" attitude?</p>	<p>Toward cities being increasingly interested, looking for relationships with others-joint ventures with other public sector and private sector. Not sure if this is a "trend" or just anecdotal evidence. Statewide cable franchising is a desired trend from the provider perspective. Trade-offs – 60% requirements and needed clarity. Public finance questions.</p>	<p>Offer opportunities for other SB members to share their full perspectives. Understand the full member perspective. Feel like a spectator at some of the meetings. Wants to be helpful</p>