

## **Columbia Gorge Broadband Consortium**

10am to 12pm

October 30, 2015

Columbia Gorge Community College

400 E Scenic Drive, The Dalles

**Attendees:** Chris Tamarin (OBDD), Monica Babine (WSUE), Scott Hege (Wasco County), Kate Sinner (Regional Solutions, Governor Kate Brown's Office), Rod Runyon (Wasco County), Jeff King (Klickitat County Emergency Management), Todd Reeves (Mosier WiNet), Brian Wanless (CEKC), Dan Bubb (GorgeNet), Eric Lundby (GorgeNet), David Sauter (Klickitat County), David McClure (Klickitat County), Linda Williams (CEKC), Mark Heystek (MCEDD), Rick Williams (FirstNet of Oregon), Jill Rees (USDA, RD), Kurt Reddig (US Cellular), Kiran Rao (US Cellular), Scott Anderson (Radcomp Technologies, City of Stevenson), Chuck Freeman (NoaNet), Rachel Weinstein (Gilliam County), Mike Smith (Sherman County), Nolan Young (Q-Life), Keith Mobley (Q-Life), Jim von Mosch (Snowden Resident), Dana Peck (Goldendale Chamber of Commerce), Mike Canon (City of Goldendale), Frank Kay (City of Maupin), Brad DeHart (ODOT)

Staff: Carrie Pipinich (MCEDD),

### **Gorge Broadband Consortium**

Carrie noted that the Gorge had been coming together for over 15 years around telecommunications access, and that these past efforts lead to the current regional efforts through the Gorge Broadband Consortium. Tools and strategies currently developed include continuing to maintain and update the gorgebroadband.org website with support of partners, utilization of the mobile laptop lab to support trainings, hosting these regional meetings, and continued development of public-private partnerships around broadband access in the region.

### **State Broadband Updates**

#### **Oregon Broadband Advisory Council/Business Oregon**

Chris Tamarin reviewed his slides providing an overview of broadband activities through the Oregon Broadband Council and the Oregon Legislature (attached). A few highlights include:

- Momentum at both the State and Federal levels as well as the local levels is gaining around meeting broadband access and adoption challenges
- OBAC is providing their 3<sup>rd</sup> Broadband in Oregon report to the legislature in their next session.
- The National Broadband Opportunity Council came together with a variety of federal agencies, and has recommendations about how each can address broadband with their efforts.
- 911 Call centers are having significant challenges because of the technology they are using as more calls are coming in on cell phones and can't be tracked to a location.
- OBAC worked with Education Super Highway to do a study of Oregon schools connectivity, and found that students in low population and low income areas have significant educational

broadband access gaps. The study found that 13% are not served by fiber currently—mostly in Eastern and Southern Oregon.

- The Oregon Broadband Map is being relaunched with some new capabilities. To view visit: [broadband.oregon.gov/StateMap/](http://broadband.oregon.gov/StateMap/) .

Chris also presented Sherman County with an Oregon Connections Excellence in Telecommunications Projects award for their WIND broadband system that was announced at the Oregon Connections Conference the week before. Commissioner Mike Smith accepted the award. For more information on the conference or the award, visit [oregonconnections.info](http://oregonconnections.info) .

### **Washington State Broadband Efforts**

Monica Babine noted that most of the ongoing work around broadband in the state is grassroots at this point. She noted that the Washington State Broadband Office funded 10 Local Technology Planning Team projects with ARRA funds between 2012 and 2014. Four are continuing today. She reviewed her presentation, highlights include:

- CERB infrastructure funding through Washington State has incorporated broadband as an eligible project
- Infrastructure Assistance Coordinating Council (IACC)'s Annual conference incorporated broadband into its sessions this year
- Tribal efforts to improve broadband access have been increasing, and they are forming additional collaborations between tribes interested in these efforts to move projects forward
- Senator Murray's staff brought together a group of broadband advocates from around Washington State to discuss opportunities and challenges in efforts to increase broadband in the areas that still lack service, and touched on broadband utilization and adoption efforts.

### **Federal Updates**

#### **Broadband Opportunity Council**

Monica noted that the Broadband Opportunity Council, chaired by USDA and the Department of Commerce, brought together 24 Federal agencies to discuss ways to support broadband expansion. The Council sought comments from interested parties, and several were submitted from Washington entities. Monica noted that the actions listed in the report are further indication of significant momentum around broadband access.

#### **FirstNet**

Monica provided a quick overview of FirstNet (OneNet in Washington)-the nationwide public safety data network being explored and developed. She noted that Washington State is doing outreach to local and tribal entities throughout Washington working to map critical areas for service for Washington's OneNet efforts. She noted data collection is still in progress for these efforts. Monica also noted that the network would not just be open to first responders, but takes into account others who need strong communications networks during an emergency situation—including critical infrastructure, elected

officials, etc. Monica noted that the decision to opt in or out of the national network would occur in 2018 to 2020, so the process is only just beginning.

Rick Williams from Oregon FirstNet reiterated that FirstNet is a data network that does not replace mission critical voice communications. Oregon is doing similar outreach to communities and entities across the state. Rick encouraged the group to think about broadband access in their emergency management plans as well.

### **E-Rate Modernization Order**

Carrie Pipinich highlighted that the FCC had made significant changes to the E-Rate program aimed at making funds more accessible for broadband builds needed to get infrastructure to schools and libraries lacking in strong connections. They also increased funding significantly. Carrie noted there is a training on Nov. 17<sup>th</sup>, 2015 in Portland for anyone interested.

### **Regional Broadband Updates**

#### **South Wasco County**

Carrie provided a brief overview of the demand documentation and asset mapping process MCEDD is working through with the Wasco County Economic Development Commission and the South Wasco Alliance Internet Capacity Committee. Common themes in the residential demand survey included speed and reliability concerns which were reiterated in interviews with community institutions and businesses. She noted that the group is continuing to work to support efforts to invest in the area.

#### **North Central Regional Solutions**

Kate Sinner noted that the North Central Regional Solution's Advisory Committee had identified broadband access as one of its priorities. During the legislative session, North Central Regional Solutions was awarded \$1.6 million in funding for priority projects. Approximately \$1.2 million will go toward broadband infrastructure projects, with approximately \$400,000 focused on South Wasco County and \$800,000 in Sherman County.

#### **Sherman County Fiber Backbone**

Commissioner Mike Smith provided an overview of Sherman County's fiber build. The County has been using its wireless network as its primary broadband access, and is investing in building a fiber backbone from Wasco down through to Erskine. They are able to cut costs on the project because they are piggy backing on Windwave's fiber build from Arlington to The Dalles that goes through Wasco. They are exploring opportunities to extend the reach of the fiber with the State funds provided. Mike also noted that their digital switch will be connected to fiber after this project, which will enable them to provide 911 services for additional Counties as well as develop a backup 911 center in Rufus if they are able to connect fiber there as well.

#### **Q-Life Maupin Fiber Project**

Nolan Young shared that Q-Life was formed by an intergovernmental agreement between Wasco County and The City of The Dalles 11 years ago. The focus of Q-Life has been developing a fiber loop in The Dalles to support increased competition and faster broadband speeds through improved middle mile access in the community. This has been a successful approach in The Dalles that has resulted in the agency paying off its initial debt for construction earlier than anticipated. They are currently working through a feasibility study related to investing in similar infrastructure in the Maupin area. This study includes a business plan, costs, potential funding sources including the State funds, and demand. The service would increase bandwidth in a substantially underserved area as well as support connection of several of the cell towers in the area.

### **Gilliam County**

Rachel Weinstein noted that Gilliam County is exploring opportunities to increase broadband access in the County in conjunction with Wheeler County and private ISPs. The County will likely provide some resources to move a project forward as well as support for seeking additional funding from other sources like the Community Connect grant. They will likely look at opportunities to grow service in both the North and South regions of the County.

### **Klickitat County Emergency Management**

Jeff King noted that Klickitat County's public safety tower system was in place to support their land mobile radio communications. There are seven county owned sites, and four others that they lease space on. On their own towers, the County is interested in leasing space to interested parties to support additional broadband connectivity. Jeff noted that that they are still looking to realize the full, originally designed build. For example, they have a tower in Klickitat but would like one up on the rim of the canyon to support service throughout the canyon rather than purely in town as this is an area with little to no cell connectivity as well. Dave noted that there are also cell service and broadband challenges in the Bickleton area as well, and the County has a tower in that area. Kurt Reddig noted that US Cellular is exploring opportunities to expand its network.

### **US Cellular**

Kurt noted that in August US Cellular turned up 266 additional sites to increase access, and that they are working to improve the network in the area. He noted that some towers do not allow those roaming on their towers to have full access to the speeds available, which can create challenges in access for rural areas that often have fewer options available. Kurt also shared that part of the challenge with using other networks can be the frequency that is used as it can vary between carriers.

### **CenturyLink**

Barb Young noted that CenturyLink is working through the process of cost profiling the census blocks they agreed to serve to identify how the model reflects the actual investment needed and will work with the FCC to make adjustments as necessary. She noted that the build out over their territory would be between 2016 and 2021. They are currently working on the 2016 list of investments. Barb noted that

they are still working on developing their ring architecture in the Gorge to ensure better redundancy, but that it should be completed by the end of the year. Dave McClure asked about what kind of flexibility CenturyLink had in the service they needed to provide if there were priority areas not reflected in the maps provided by the FCC. Barb noted that there was some flexibility, and that people should get in touch with her to start that conversation.

### **GorgeNet**

Dan Bubb noted that they are finishing a fiber build in the industrial area in Hood River as well as an expansion of additional fiber more broadly in Hood River. They are also looking to connect Hood River and White Salmon with a wired connection that would improve the network. GorgeNet is also interested in being engaged in opportunities in the Maupin area to improve services. Dan also noted that GorgeNet had been working to upgrade the cable plant they purchased in Cascade Locks. They will be making significant investments there and will likely see additional fiber fed service in the future.

### **NoaNet**

Chuck Freeman noted that NoaNet had been working on crossing into Oregon as well. They have connections and access points at the McNary and John Day Dams as well as with Big Eddy. He noted they are working with the McCaw Tribe up on the Olympic Peninsula to support addressing some of their access challenges. He noted that they have a connection in the Pittock Building in Portland as well. Lastly, he noted that they are working on bringing additional bandwidth out to Pendelton from the McNary dam area in Umatilla.

### **Mosier WiNet**

Todd Reeves noted that they have expanded their network, and now have connections in the Biggs, Wasco, Moro, The Dalles, Bingen and White Salmon areas.

### **USDA, Rural Development-Oregon Office**

Jill Rees noted that she is working with a group including Kate, Chris, Carrie, and several others that will bring USDA RD National Office staff out to Oregon to host a similar workshop to the one hosted in Olympia last winter that highlights broadband funding programs. The workshop will be February 2<sup>nd</sup> and 3<sup>rd</sup> in the Bend area. She is looking for input on what the workshop should cover.

Monica suggested that this workshop should grow beyond what the Washington workshop had as with the Broadband Opportunity Council more programs and agencies will be incorporating broadband into their purview. She noted as an example that the Community Facilities and business lending programs will open up to broadband in the future. Jill noted that there should be guidance for staff to use in implementing the BOC recommendations in March.

Chris noted that NTIA has also developed a document that has all potential federal broadband funding sources. It can be found here: [http://www2.ntia.doc.gov/files/broadband\\_fed\\_funding\\_guide.pdf](http://www2.ntia.doc.gov/files/broadband_fed_funding_guide.pdf).

### **Radcomp Technologies**

Scott Anderson noted that Radcomp is one of the largest IT service providers in the Gorge and has expanded to several other areas. However, they are seeing connectivity challenges with many of their clients. He encouraged small providers to come together around addressing some of the issues as they are able to be more nimble. He noted that looking to build templates for partnerships and working together will be key to getting service out to those still in need.

### **Snowden**

Jim noted that they have middle mile access running along the road in front of their houses in Snowden, but still no connectivity. He asked what to do about this as the community is very frustrated and looking for opportunities to get service. He noted he has been calling GorgeNet to ask about this. Dan Bubb noted that Jim should keep doing what he was doing. Carrie noted that she would bring the challenges up with the ISPs in her next conversations with them as well.

### **Goldendale Chamber**

Dana noted that broadband providers might have some responsibilities to provide service under the Public Utilities Commission, and that might be an avenue to work through. Monica noted that there is a very limited interaction there as broadband does not fit under the utilities definition in Washington. Chris noted that it does not in Oregon either. He did note that they do support universal service funds however.

### **Wrap Up**

Carrie thanked everyone for attending and noted that they had come up on time. She noted that MCEDD would continue to bring the group together semi-annually to explore partnership opportunities.

The meeting adjourned at 12:10pm.



## Oregon Broadband Update

Christopher Tamarin  
Oregon Business Development Department  
October 30, 2015

### Oregon Broadband Advisory Council Mission

- Encourage coordination and collaboration between organizations and economic sectors
- Leverage the development and utilization of broadband for education, workforce development and telehealth
- Promote broadband utilization by citizens and communities.

[www.broadband-oregon.org](http://www.broadband-oregon.org)





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- Seismic Rehabilitation
- Special Public Works
- Telecommunications
- Water/Wastewater

## 2015 BROADBAND ADVISORY COUNCIL MEETINGS

Date/Time	Location	Resources
January 22 9:15a-12:15p	Local Government Center 1201 Court St NE Salem, OR 97301 Conf Room 306	<a href="#">Approved Minutes</a> <a href="#">Meeting Agenda</a> <a href="#">OUS Cyber Security</a> <a href="#">Dept Ed E-Rate</a> <a href="#">OR School Survey Results</a> <a href="#">OEM Workshop</a> <a href="#">2015 Bills &amp; Resolutions</a>
February 26 9:15a-12:15p	Local Government Center 1201 Court St NE Salem, OR 97301 Conf Room 306	<a href="#">Approved Minutes</a> <a href="#">Meeting Agenda</a> <a href="#">Education Super Highway presentation</a> <a href="#">Bills and Resolutions</a> <a href="#">FEMA Presentation</a> <a href="#">FEMA Fact Sheet</a>
March	No Meeting	
April 23 9:15a-12:15p	Local Government Center 1201 Court St NE Salem, OR 97301 Conf Room 306	<a href="#">Approved Minutes</a> <a href="#">Meeting Agenda</a> <a href="#">911 and Broadband</a> <a href="#">ESH Presentation</a> <a href="#">2015 Bills &amp; Resolutions</a>
May 28 9:15a-12:15p	Local Government Center 1201 Court St NE Salem, OR 97301 Conf Room 306	<a href="#">Approved Minutes</a> <a href="#">Meeting Agenda</a> <a href="#">2015 Bills and Resolutions</a> <a href="#">FireNet Presentation</a> <a href="#">Providence Presentation</a>
June 25 9:15a-12:15p	Local Government Center 1201 Court St NE Salem, OR 97301 Conf Room 306	<a href="#">Approved Minutes</a> <a href="#">Meeting Agenda</a> <a href="#">Comments to BOC</a> <a href="#">OCHIN Presentation</a> <a href="#">Approved Minutes</a>
July 23	Conference Call	<a href="#">Approved Minutes</a>

### Community Success Stories



**New Food Bank Facility Will Help More South Coast Residents Deal with Hard Times**  
A successful partnership plus Community Development Block Grant make new food bank warehouse a reality for Coos County.

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## Broadband Opportunity Council

President Obama on March 23, 2015 signed a [Presidential Memorandum](#) creating the Broadband Opportunity Council (BOC) and appointing the Commerce and Agriculture Departments as co-chairs. The Broadband Opportunity Council includes 25 federal agencies and departments that will engage with industry and other stakeholders to understand ways the Executive Branch can better support the needs of communities seeking broadband investment. It will also help identify regulatory barriers unduly impeding broadband deployment, adoption or competition, and recommend steps to remove such barriers. The BOC on April 28, 2015 issued a [Request for Comment](#) seeking public input to inform the deliberations of the Council and posted all [comments received](#). On September 21, 2015 the White House released the [Council's report](#) which includes action items and milestones for each agency. The Council will continue its work to monitor implementation of the action items and to explore additional steps that can be taken to remove barriers to broadband deployment and adoption.

Featured Initiatives

- Digital Literacy
- Broadband USA
- Internet Policy Task Force
- Wireless Broadband: 500MHz
- National Broadband Map

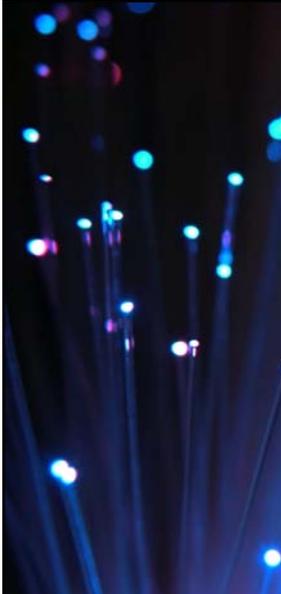
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September 2015

Report  
**Broadband Opportunity Council Report and Recommendations** 09/21/2015  
 Topics: [Broadband Opportunity Council](#) [Adoption Resources](#) [Broadband](#)



## 2015 Oregon Legislative Session

Bills were passed into law relating to broadband telecommunications in the areas of

- 911 System enhancements [HB 2426]
- Study strategies for broadband deployment, adoption and utilization [HB 3274]
- Taxation and central assessment [SB 611]
- Health Information Technology [HB 2294]
- Telemedicine reimbursement [SB 144]
- Enterprise Zone E-commerce expansion [HB 2643]
- K-12 School infrastructure funding [SB 447]
- Ports and telecommunications infrastructure [HB 3104]
- Oregon Broadband Advisory Council life extended to January 2020 [SB 140]



### Education SUPERHIGHWAY

Inventory of K-12 broadband connectivity in Oregon

September 2015

## Executive summary



GOALS

- 74% of districts meet 2014 goals for Internet access, but 82% **need to upgrade** to meet 2018 goals



FIBER

- At least 13% of schools are not on fiber and state support for fiber builds can accelerate their upgrades



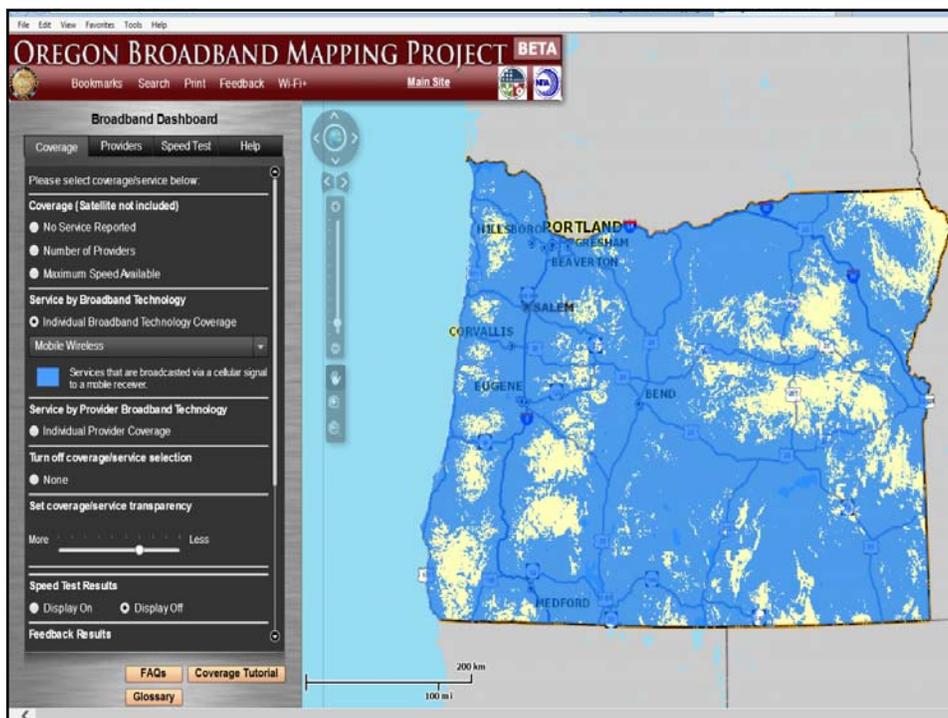
AFFORDABILITY

- Internet costs vary across the state and price transparency can make the cost more equitable



WI-FI

- \$44 million of E-rate funds can be leveraged for a statewide Wi-Fi implementation and education







**City of Independence**

**MINET**

TV content increases substantially every year. To prevent content increases from being reflected on your bill, it is sometimes necessary to remove channels from our lineup. MINET has decided not to renew our contract for the October Channel and will make incorporating it on October 31st. We are sorry for any inconvenience this causes.

**The 'Fastest' Plan - 100Mbps!**

100Mbps internet service is available now from MINET!

Only \$80 / month! (set of 4)!

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**Douglas County**

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**FIBER**  
Up to 250Mbps  
Starting at \$39.99/month  
Our Fiber to the Home service provides the fastest internet speeds in Douglas County, right to your house. Whether you use the internet to play games, watch movies, or even operate a home business, FTTN is your best option.

**WIRELESS**  
Up to 15Mbps  
Starting at \$39.99/month  
Don't have phone line? Don't worry as our wireless service uses a small satellite receiver that doesn't need a phone line. We have wireless towers all over the county that allow us to provide internet to places we can't provide DSL or Fiber to the home.

**DSL**  
Up to 40Mbps  
Starting at \$39.99/month  
Digital Subscriber Line is a type of internet that is transmitted across your existing telephone lines. DFN uses Fiber to the Home technology to provide our customers with faster speeds than the phone company.

[LEARN ABOUT FIBER](#) [LEARN ABOUT WIRELESS](#) [LEARN ABOUT DSL](#)

[www.dfn.net](http://www.dfn.net)

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where business grows



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**EOT VELOCITY FIBER TO THE HOME**

How Fast is EOT Velocity Internet?  
**1,000 Mbps (that's 1 Gigabit)**

**24 Month "Lock in Your Price" Special Starting at Just \$39.90**

EOT is building a fiber optic network in Hermiston area neighborhoods, giving your home access to the fastest internet speeds in town!

Why Velocity Internet?

- Connect multiple devices to the internet without sacrificing speed
- Superior streaming of Netflix, Amazon Prime, and other online movie and TV content providers
- Boost your online gaming advantage
- Save on mobile data

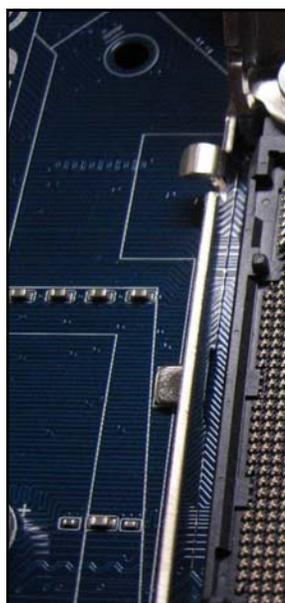
**Gigabit speeds** (that's 1,000 Mbps) are available with EOT Velocity Internet

\*\*\* Best Charter before and EOT Velocity is 1,000 times better! \*\*\*  
 - Tony Mendez, Corvallis

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[www.eotnet.com](http://www.eotnet.com)

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**Connect America Fund Phase II**

The FCC's Connect America Fund support enables providers to deliver broadband at speeds of at least 10 Mbps for downloads and 1 Mbps uploads to homes and businesses in rural service areas where the cost of broadband deployment might otherwise be prohibitive.

Frontier Communications announced that it will accept \$283 million in annual funding from the FCC including 3,897,357 for 8,542 homes and businesses in Oregon.

CenturyLink has accepted \$17,759,903 in support to reach 41,785 homes and businesses in Oregon.

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**OREGON CONNECTIONS TELECOMMUNICATIONS CONFERENCE**  
*October 22-23, 2015 - Hood River, Oregon*

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**20 Years of Oregon Connections**



**Broadband Comes of Age**

**THANK YOU TO ALL WHO ATTENDED AND SUPPORTED THIS YEAR'S TWENTIETH OREGON CONNECTIONS TELECOMMUNICATIONS CONFERENCE !!!**

**WE HOPE TO SEE YOU AGAIN NEXT YEAR IN HOOD RIVER, OCTOBER 20 AND 21, 2016.**

The **Oregon Connections Telecommunications Conference** draws attendees from all regions of the state to share ideas, experiences and knowledge about telecommunications.

The 2015 conference presents and attendees explored aspects of Broadband as it comes of age twenty years after the commercialization of the Internet. Program topics will include cyber-security, smart communities, challenge of infrastructure, Internet and Broadband Public Policy, Broadband enabled applications, and the status of Broadband in Oregon.



*"Now this is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning."  
 - Winston Churchill*

Theme	<b>"20 Years of Oregon Connections: Broadband Comes of Age"</b>
What	<b>20th annual</b> Oregon Connections Telecommunications Conference
When	Thursday and Friday, October 22 - 23, 2015
Agenda	See 2015 Conference Agenda. (See last year's 2014 Presentations.)



# Questions

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## Oregon Public Policy

- "... it is the goal of this state to promote access to broadband services for all Oregonians in order to improve the economy in Oregon, improve the quality of life in Oregon communities and reduce the economic gap between Oregon communities that have access to broadband digital applications and services and those that do not..."  
[ORS 759.016(1)]
- "It is the policy of the State of Oregon to promote, facilitate and encourage activities, projects and businesses that improve Oregon's Internet Protocol network infrastructure, performance and connectivity to the Internet backbone network and World Wide Web for the benefit of Oregon's commercial, educational, governmental and individual users." (SJR 19 (2007))

# Washington Broadband Update

Columbia Gorge Broadband Consortium  
The Dalles, OR  
October 30, 2015



## Local Technology Planning Teams Reactivation – Expansion

Columbia Gorge  
Stevens County and Spokane Tribe  
Lincoln County



## State Agency & Legislative Support

- **Community Economic Revitalization Board Awards Broadband Grants**
- **Infrastructure Assistance Coordinating Council Conference Includes Broadband**
- **Senate Energy, Environment and Telecom Committee Broadband Work Session**



## Tribal Broadband Efforts

- **Local Technology Planning Teams**
- **USDA Workshop – Site Visits**
- **Tribal Tsunami Summit**
- **ATNI Telecom Committee**
- **Tribal Broadband Roundtable – GAO Study**
- **FirstNet/WON**



## Engaged Federal Elected Officials Staff

- Representatives Kilmer, DelBene and McMorris-Rogers
- Senator Cantwell
- Senator Murray
  - Murray Rural Telecom Working Group (2000-2007)
  - (Re)Convening Meeting (August 2015)
  - Follow-on Event (February 2016)



## White House Broadband Opportunity Council (BOC)

- Established March 2015
- 25 Cabinet Level Agencies
- 200+ Public Comments
- Overarching Recommendations:
  - Modernize federal programs
  - Empower communities
  - Promote increased deployment and competition
  - Improve data collection, analysis and research



## White House BOC Input from Washington

- Affiliated Tribes of NW Indians (ATNI)
- NoaNet
- Port of Whitman
- WSU Extension Stevens County and Stevens County
- WSU Division of Governmental Studies and Services
- Rural Telecommunications Congress



## We've Come a Long Way...

**“Much of the easy work has been done...  
The hard work that remains is reaching those  
communities where geography and economies  
work against deployment  
and reaching individuals who do not yet have  
the same opportunities to use broadband  
to meet personal and professional goals.”**

**Source: *Broadband Opportunity Council Report and Recommendations*  
August 20, 2015**

## For More Information

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**[babinem@wsu.edu](mailto:babinem@wsu.edu)**  
**425.827.8015**



WASHINGTON STATE  
UNIVERSITY  
EXTENSION



## Columbia Gorge Broadband Consortium

The Dalles, OR  
October 30, 2015



**A nationwide, wireless  
broadband, 4G/LTE  
data network  
*dedicated*  
to public safety**





### FirstNet & OneNet



#### Federal

#### Washington State



[www.firstnet.gov](http://www.firstnet.gov)

[www.ocio.wa.gov/onenet](http://www.ocio.wa.gov/onenet)

**Goal: Build,  
Operate a Network**

**Goal: Best Design  
for Washington**



### Washington OneNet Team



STATE INTEROPERABILITY EXECUTIVE COMMITTEE  
SIEC





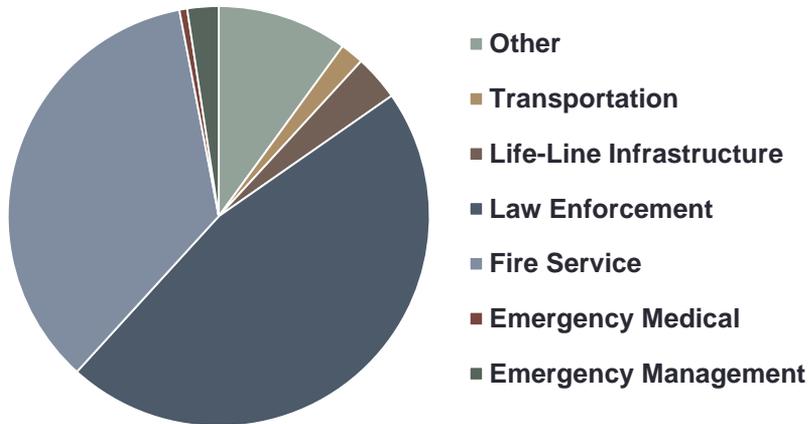
## 2015 Activities



Date	Activity	Status
Mar-May	OneNet offered 7 regional outreach workshops	Completed
April	FirstNet Releases Draft RFP Requests Questions and Responses	Completed
June-Sept	<ul style="list-style-type: none"> <li>FirstNet release data collection requirements</li> <li>OneNet develops survey for public safety and tribal public safety entities</li> <li>OneNet develops coverage mapping tool</li> </ul>	Initial survey results submitted to FirstNet
July-Sept	OneNet offered 9 regional outreach and coverage workshops	Completed
Sept-Oct	FirstNet seeks responses to Cyber Security requirements	Completed
Sept-Nov	<ul style="list-style-type: none"> <li>Meet with Associations</li> <li>Prepare to collect, map, 911 call data</li> </ul>	
Sept-Dec	OneNet continues to collect responses to data collection and coverage mapping surveys	Ongoing

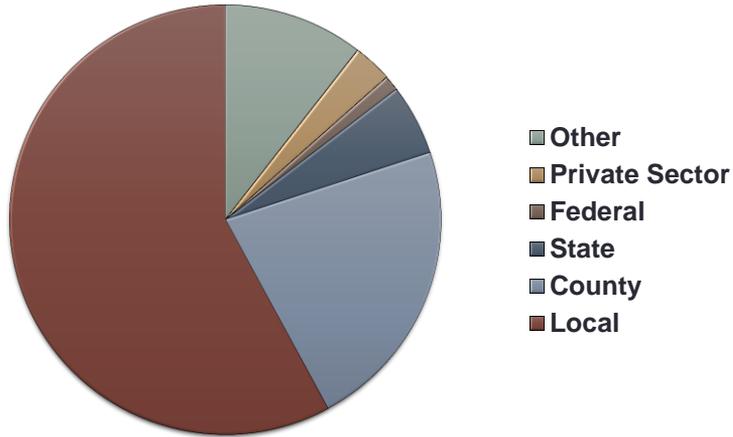


## Survey: Types of Responders

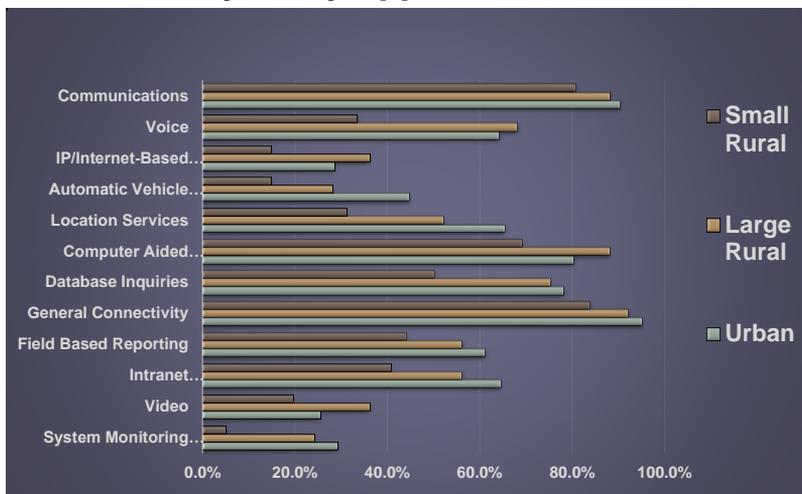




### Survey: Types of Organization

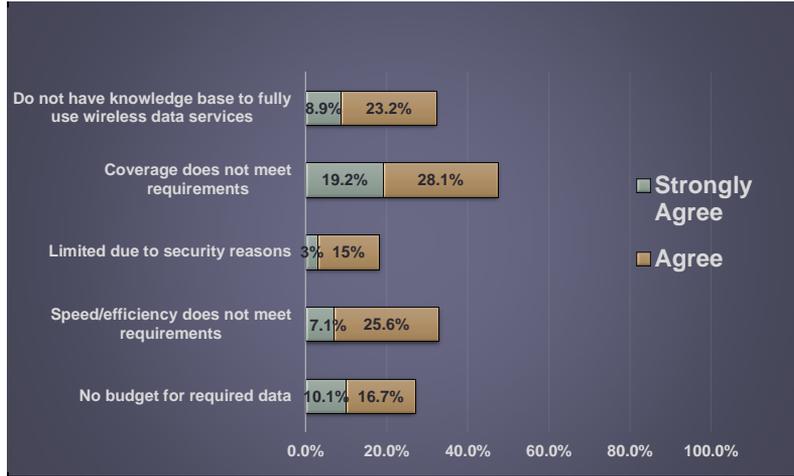


### Survey: Daily Applications Use

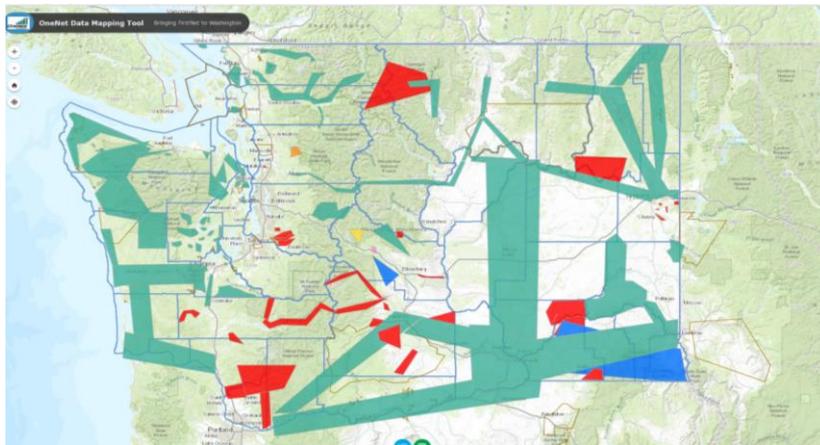




### Survey: Barriers to Current Services

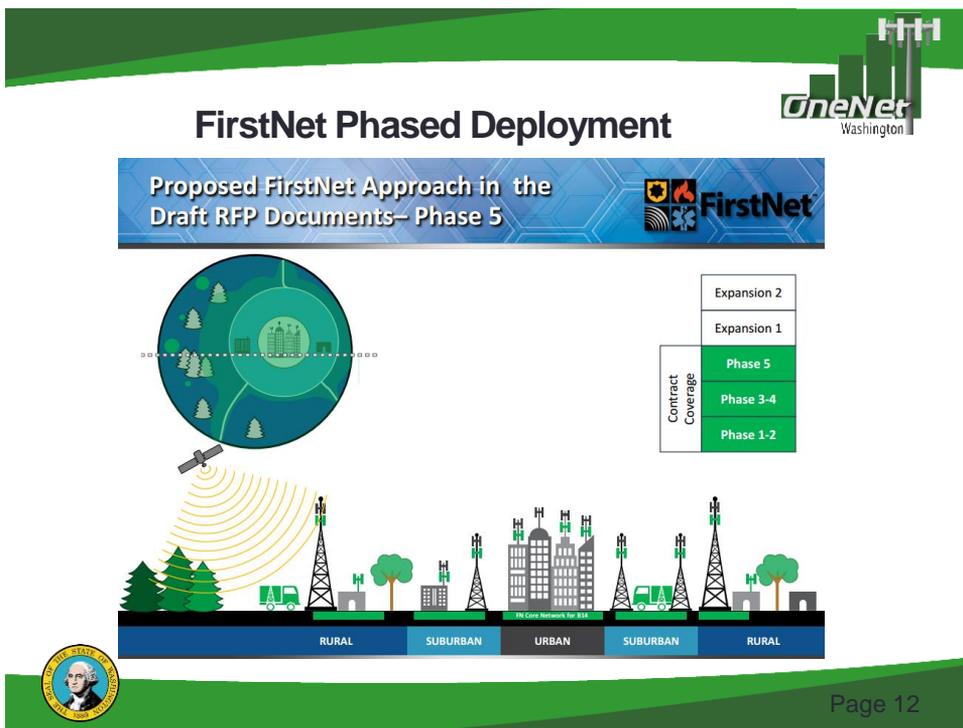
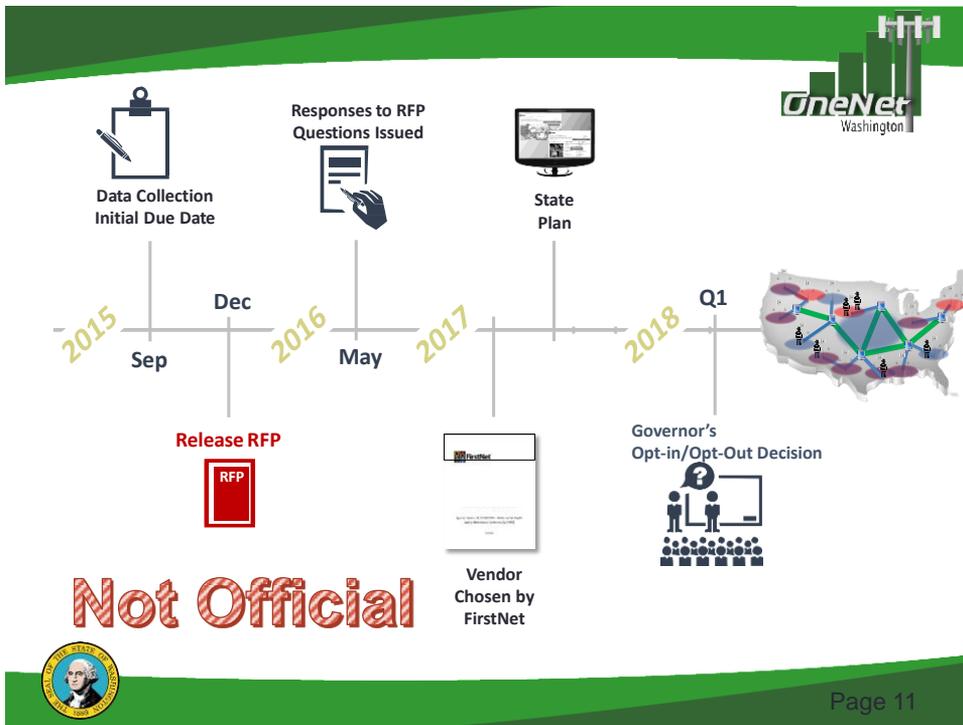


### Coverage Mapping



<http://wa-geoservices.maps.arcgis.com/apps/webappviewer/index.html?id=c0a437f5d385488b90dcf18b4687485c>





## Upcoming Outreach



**FirstNet Applications Workshop** – Nov 3-5

**WSAC County Leaders Conference** – Nov 17-20 - Skamania

**WASPC Fall Conference** – Nov 16-19 – Chelan

**Continue Tribal Outreach**

**Continue Data Collection**

**State Plan Process Development:**

- Coverage, phased deployment, identify users
- Continue collection & improve data about agency use
- Map 911 calls

**Public Safety Apps Workshops** – May and Fall 2016

**Cascadia Rising**



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## Thank you!



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Welcome to the Columbia Gorge Broadband Consortium

Our goal is to ensure that residents and businesses have the broadband access, and skills, to take advantage of the resources, services, and markets available on the internet today.

October 30, 2015  
Columbia Gorge Community College,  
The Dalles, Oregon

## Welcome & Agenda

1. Gorge Broadband Consortium Overview
2. State Updates-Oregon & Washington
3. Federal Program Updates
4. Regional Updates Roundtable
5. Next Steps: Keeping the Momentum Going

# Gorge Consortium Overview



**Our goal is to ensure that residents and businesses have the broadband access, and skills, to take advantage of the resources, services, and markets available on the internet today.**

# Gorge Consortium Tools

## Gorgebroadband.org

Information on access, adoption, and utilization throughout the Gorge

Updates? Contact [carrie@mcedd.org](mailto:carrie@mcedd.org)

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Welcome to the Columbia Gorge Broadband Consortium

Our goal is to ensure that residents and businesses have the broadband access, and skills, to take advantage of the resources, services, and markets available on the internet today.

**Public Broadband Access**  
Want to connect to broadband when you're not at home? The Mt-Columbia is home to over 60 public hotspots that will keep you connected when you're out and about.

**Connect**  
Are you looking for internet service provider that can connect your home or business to the web? Find a service provider that meets your needs in your area.

**Training**  
Learn how to get the most out of your internet connection by attending local training sessions in your community or accessing a wealth of information online.

[Learn More](#) [Learn More](#) [Learn More](#)

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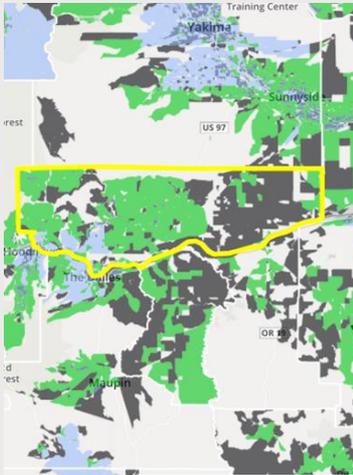
# State Updates

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# Federal Updates

## Connect America Funds



- Formula based funding for underserved, high (but not too high...) cost areas
- Available only to price cap carriers (CenturyLink & Frontier in this area)
- Both took the funds to provide service in WA & OR

## E-Rate Modernization



- Treats lit & dark fiber the same
- Schools now able to amortize match over four years and providers can get their funds more quickly

Training in Portland: Monday, Nov. 16<sup>th</sup> for applicants

## USDA Site Visit

Planning for Feb. 2<sup>nd</sup> and 3<sup>rd</sup>, in Bend area

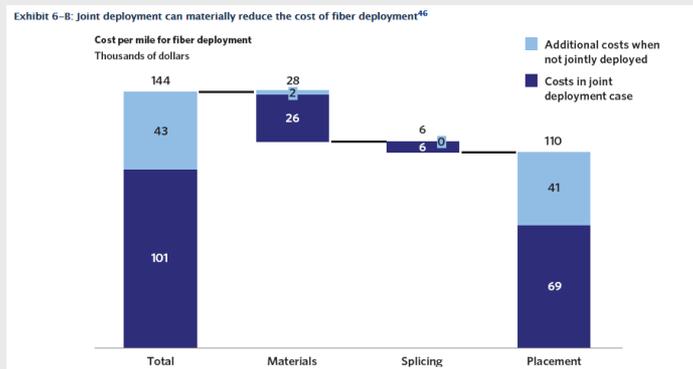
USDA National Office Telcommunications staff and others coming to Oregon to discuss their programs, meet with prospective applicants, tour



## Dig Once Overview

## Dig Once

- Basic Principle: minimize the number of digs needed to put infrastructure in place



## Dig Once

### Wasco County Approach: Utility Coordinating Council

- Once a month come together to discuss projects and coordination opportunities
- \$40 membership fee
- For membership, questions contact Brenda Huskey at The City of The Dalles

## Dig Once

### Stevenson/Skamania County Approach:

- Meet annually—usually in February—review projects throughout the County
- In City, road degradation fee—sliding scale up to 7 years
- Interested in attending? Contact Eric Hansen at City of Stevenson

## Dig Once

### Stevenson/Skamania County Approach:

- Meet annually—usually in February—review projects
- In City, road degradation fee—sliding scale up to 7 years—if a utility needs to dig up the pavement
- Invite all utilities
- Contact Eric Hansen at City of Stevenson



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# Regional Roundtable

## South Wasco County Access Study



**Economic  
Development  
Commission**



## South Wasco County Access Study

Willingness to Pay for New Service (%)



## South Wasco County Access Study

- Community Anchor Institutions—approx. 20 interviews
  - Healthcare Providers
  - Public Safety
  - Federal, State, & County Agencies with locations in South County
  - Schools & Libraries (2 campuses, 3 libraries)
  - Local Businesses
- Take Away: interest in more reliability & bandwidth

## Access Gaps: Infrastructure

### Snowden, Klickitat & Skamania counties



- Continued conversations with providers, communities
- Working on applications as funding sources arise

## WebWorks: Anywhere!



- How do we take advantage of the broadband we do have?
- Stevenson Oct. 27<sup>th</sup>
- Maupin Nov. 12<sup>th</sup>
- Goldendale Nov. 18<sup>th</sup>



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# Regional Roundtable



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# Keeping the Momentum: Next Steps



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**Questions?  
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