



NoaNet: Connecting Communities,
Creating Opportunities

Securing the Promise of
Broadband in Washington State

Our Vision: Broadband for Everyone, Everywhere

NoaNet, a non-profit corporation headquartered in Tacoma, Washington, operates a reliable, open-access broadband network totaling more than 1,800 fiber miles that provides high-speed connectivity to nearly 260,000 people in rural areas.

We are expanding our network through an infusion of \$140 million in federal grants to reach more than 170 communities and 2,000 schools, hospitals, emergency responders, libraries, colleges and universities. Federal grants to NoaNet represent a landmark opportunity to secure our economic future.

NoaNet is honored to be leading this effort on behalf of more than 50 organizations, public utility districts, tribes, cities and counties from across the state that joined together to bring the promise of broadband to their communities.

Universal broadband will make life more livable, businesses more productive, jobs more plentiful, and the Internet more accessible.



◀ The red lines across the State of Washington represent the NoaNet fiber optic backbone, largely available today (portions are to be built over the next two years), open to use by all. It is built as an advanced telecommunications infrastructure, capable of 10 gigabit Ethernet speeds. As such, the network is one of the fastest and most capable fiber optic networks available in the world today.

“Here, in the country that invented the Internet, every child should have the chance to get online, and they’ll get that chance when I’m President – because that’s how we’ll strengthen America’s competitiveness in the world.”

- President Barack Obama



What is Broadband?

Broadband allows for the high-speed transmission of data that supports a family of Internet technologies. Broadband speeds are typically more than 100x faster than telephone lines, enabling faster download of streaming videos, images and large data files. It also allows for people to place and receive telephone calls nationally or internationally in much the same manner as they would via a public telephone network, but at lower costs.

The Challenge of Access

The digital divide has left many rural communities unserved, exacerbating economic and social isolation. Lack of broadband limits educational opportunities and information exchange, and discourages businesses to relocate or expand in areas that are not served by broadband connectivity. Currently, many areas of Washington state lack access to high-speed broadband.

- ◀ *Many rural communities lack the basic telecommunications infrastructure to share critical information among fire and, police departments, hospitals and first responders.*

- ▼ *By joining and working together, large groups of users can procure broadband at cost effective rates.*

"In a globalized 21st century economy, when you don't have regular access to high-speed Internet, you don't have access to all the educational, business and employment opportunities it provides."

- Commerce Secretary Gary Locke



The Transformative Power of Broadband

NoaNet's expansion represents an unprecedented transformation of our state's high-speed broadband infrastructure that will save lives, reduce government costs, help educate young people and create business opportunities for generations to come.

First Responders

Broadband is vital in addressing the urgent need to improve communications for Washington state's public safety agencies.



NoaNet broadband enables:

- Enhanced 911 services
- Improved response times
- More robust and responsive Amber Alert system
- Enhanced police response

Education

Broadband will vastly improve education opportunities for Washington state's school districts, one quarter of which are hindered by slow Internet connections.



NoaNet broadband enables:

- Online instruction and learning
- Research and information exchange between universities and community colleges
- Remote access to college courses

E-government

NoaNet's network will speed government services in a more efficient, accessible manner.



NoaNet broadband enables:

- Online permits, information access, healthcare, access to justice and other important programs
- Online training, conferences and collaboration
- Reduced travel and per diem expenses
- Reliable connectivity between government entities and state and local data centers

Healthcare

NoaNet's broadband network will break the Internet bottleneck and provide healthcare providers with the speed they need to deliver lifesaving services in real time.



NoaNet broadband enables:

- Remote diagnosis
- Immediate assessment and guidance to emergency workers via videoconferencing
- Improved access to the most current lifesaving drugs to rural areas
- Telehealth to exchange large digital files and provide remote specialty consultation

Economic Development

NoaNet will help rural communities provide the high-speed telecommunication services that are required for robust economic development opportunities.



NoaNet broadband enables:

- Credit card and Internet-based e-commerce
- Automated inventory and fulfillment systems
- Web sales and online advertising for small businesses
- Commodities trading – a key competitive advantage to the family farmer
- Advanced 4G cellular capability and access
- Local broadband providers access

NoaNet's Broadband Network: A Pathway for Progress

NoaNet's business model accommodates connections for all service providers at unprecedented capacity levels allowing private carriers to reach new and underserved markets.

Who is NoaNet

NoaNet was founded in 2000 by Washington public utility districts with the mission of linking their fiber optic networks together to bring the economic benefits of broadband to underserved areas of Washington state. Following a decade of sustained growth, NoaNet is expanding to create a statewide consortium of broadband entities reaching more than 170 communities and 2000 institutions in rural and underserved areas.

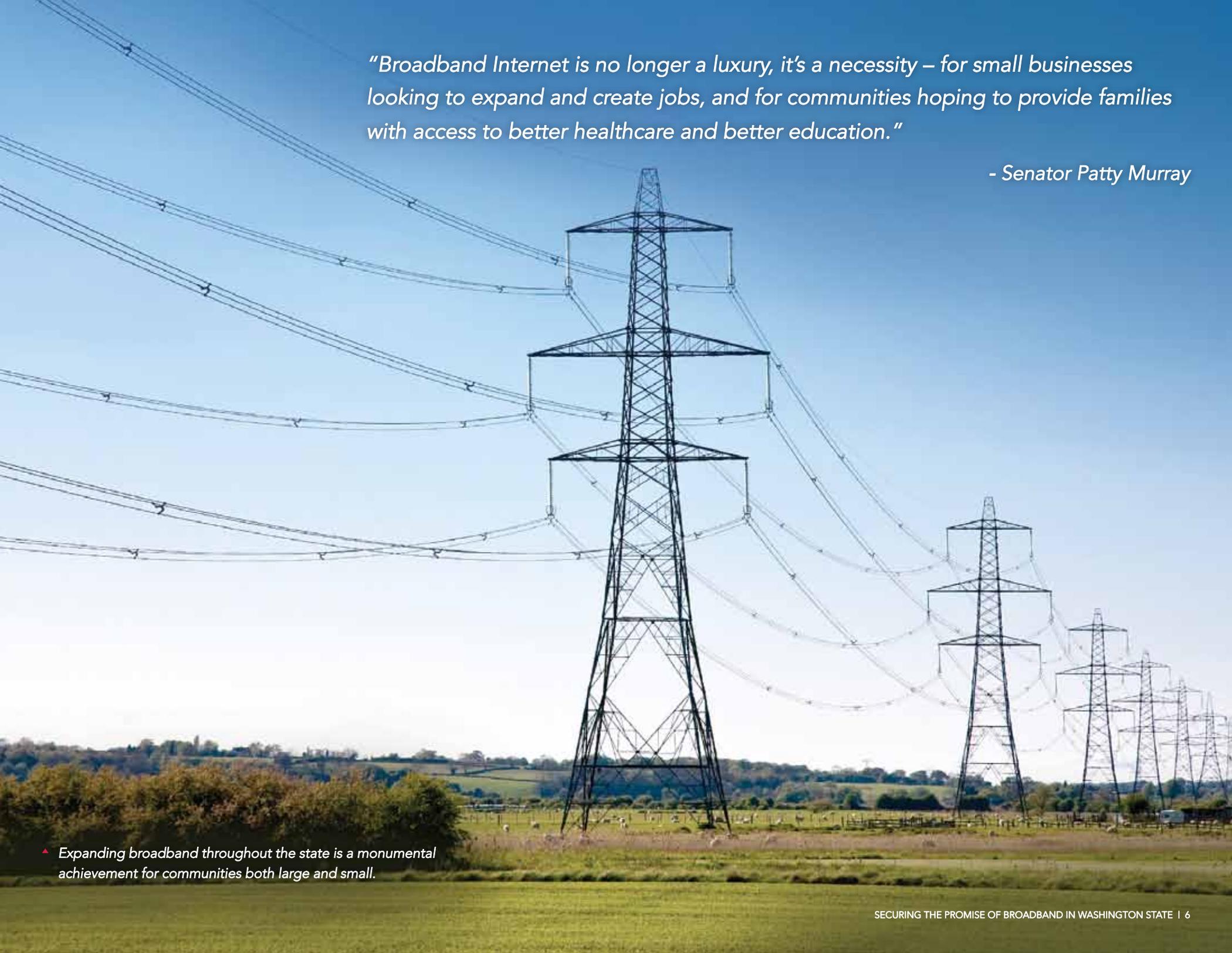
Our goal is to connect as many community institutions -- libraries, higher education facilities, medical providers -- in unserved and underserved areas as possible with high capacity broadband to maximize the full potential of the new statewide network.

Working Together

NoaNet is committed to collaborating with our organizations and communities throughout Washington to ensure they are able to capitalize on the cost savings and opportunities available with the new broadband network.

Washington is poised to tap the potential of statewide broadband. Communities are mobilizing and working together to create access to affordable, robust broadband services that will be lifelines of prosperity for generations to come.

The vision of economic citizenship for all is within reach. Please join us.



“Broadband Internet is no longer a luxury, it’s a necessity – for small businesses looking to expand and create jobs, and for communities hoping to provide families with access to better healthcare and better education.”

- Senator Patty Murray

▲ *Expanding broadband throughout the state is a monumental achievement for communities both large and small.*

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Contact Us

Contact your broadband service provider about connecting you to the new Washington Rural Access Project (WRAP) fiber in your community.

If you do not have a broadband provider, email us for a list of providers serving your area at WRAPsupport@noanet.net.

If you do not have Internet access, call **1.866.662.6380** and ask for WRAP Support.

NoaNet is a wholesale only fiber backbone carrier. We work with retail service providers to deliver finished services to end users.