Statehouse strategies:

*Border to Border Broadband in Minnesota*

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MN Office of Broadband Development

Department of Employment and Economic Development
State Involvement in Broadband

**2008-2010**
- 2008 – First broadband taskforce created
- 2009 – First state broadband map created
- 2010 – Statutory broadband goals established (10/5)

**2011-2013**
- 2011 – Broadband task force re-authorized under new Governor
- 2013 - Office of Broadband Development was created within DEED

**2014-2016**
- 2014 - Border to Border Broadband Infrastructure Grant created
- 2015 – Taskforce appointments renewed
- 2015 – 2nd round of B-to-B grant appropriated
- 2016 – Speed goals renewed and updated (25/3) & 3rd grant round
Where the heck is Minnesota?
Minnesota: 86,943 square miles

A Density - Market Conundrum

Morrison County at 1,125 square miles.
32,775 people.

About the size of Rhode Island (1,033 square miles)
1 million people.
Minnesota:
Number of people per square mile
2016 Broadband Availability in the State of Minnesota

Percentage of Households Served by Fixed, Non-Mobile Broadband Service by City/Township

At Least 25 Mbps Download/3 Mbps Upload Speeds
(2022 State Broadband Goal)
Statewide Availability: 90.15%, Rural: 78.04%

Households that DO NOT HAVE At Least 25 Mbps download by 3 Mbps upload (2022 state goal):

Statewide: 209,000
Rural: 202,000
Minnesota State Broadband Goals

Renewed and updated in 2016

All Homes and Businesses will have access to broadband service of at least:

- 25 Mbps download by 3 Mbps upload (Current FCC definition) by 2022
- 100 Mbps download by 20 Mbps upload by 2026
By 2026 it is a state goal to have all homes and businesses have access to at least one provider of service at or above 100Mbps Download by 20 Mbps upload

Statewide: 70.83%
Rural: 52.46%
Office of Broadband Development
Roles and Responsibilities - Highlights

- Provide technical assistance to communities and providers
- Administer the Border to Border broadband grant program
- Measure and map broadband availability across the state
- Inform and support state broadband policy discussions
- Clearinghouse for state and federal program resources
- Measure and Analyze community anchor institution needs
- Support digital inclusion (literacy and affordability)
- Support the inclusion of community broadband needs into local planning processes
- Dig Once/conduit/ROW mgmt/permitting
- Provide support to the Broadband Task Force
The Broadband Office connects communities, policy-makers, providers, regional support organizations, and state and federal programs with each other and the resources they need to improve broadband access and use in Minnesota.

Call or email us if you need assistance with any of the following:

- Defining your next steps
- Identifying provider options
- Understanding existing service levels
- Engaging local leadership
- Finding state and federal resources
- Considering partnership models
- Clarifying Minnesota program eligibility
- Regulatory, legal, or process barriers

We work with these groups (and more!) to connect you with resources you need:

- State agencies (DEED, Commerce, MNDOT, DNR, SHPO, DOLI, MDE, etc.)
- Providers
- Local Government Associations
- Regional Economic Development groups
- Foundations
- Financing sources
- Local and National experts
- Libraries
- Digital literacy experts
- Workforce Development
- Telecom attorneys
- Telephone & electric coops
- Federal (NTIA, FCC, USDA, VA, HHS)

Broadband Development Community Helpdesk:
651-259-7610 or deed.broadband@state.mn.us
Lifeline Pilot with Red Lake Indian Reservation & Paul Bunyan Communications cooperative
• **Purpose:** to provide financial incentive for the acquisition and installation of broadband infrastructure into unserved and underserved areas of Minnesota

• **Allowable costs:** project planning, construction permits, purchase or construction of facilities for last-mile and middle-mile infrastructure, and the installation and testing of the equipment used to provide broadband service.
2016 Grant Awards
By the Numbers
Announced 1-11-17

<table>
<thead>
<tr>
<th>Number of applications</th>
<th>62</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total amount applied for</td>
<td>$55M</td>
</tr>
<tr>
<td>Amount awarded</td>
<td>$34M</td>
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<tr>
<td>Number of projects awarded</td>
<td>42</td>
</tr>
<tr>
<td>Breakdown by region:</td>
<td></td>
</tr>
<tr>
<td>Northeast: 4 projects - $3,987,586</td>
<td></td>
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<tr>
<td>Northwest: 6 projects - $4,997,144</td>
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<tr>
<td>West Central: 7 projects - $7,957,476</td>
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<tr>
<td>East Central: 9 projects - $6,253,623</td>
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<tr>
<td>Southwest: 8 projects – $6,852,073</td>
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<tr>
<td>Southeast: 8 projects - $4,100,856</td>
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<tr>
<td>Local/private match</td>
<td>$40.3M</td>
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<tr>
<td>Number of locations served</td>
<td>18,989</td>
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<tr>
<td>Unserved locations</td>
<td>18,370</td>
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<td>Underserved locations</td>
<td>568</td>
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<td>Challenges submitted</td>
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<tr>
<td>Number of projects challenged</td>
<td>28</td>
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<tr>
<td>Number of challenges resulting in non-funding</td>
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</tbody>
</table>
Grant Awards: 3 rounds

Funding: $65.58M

Applications Received: 146

Awards Made: 73

Households Served: 25,949

Businesses Served: 3176

Institutions Served: 244

Public/Private partnerships: 26

Projects: Matching Investments Completed: $81.6M: 19
2016 Broadband Grantee Stories

- **Sunrise Township project in Chisago County – a trifecta investment** – blends state grant, CenturyLink’s CAF II funding, and township bonding to provide fiber to the home (FTTH) to unserved households, businesses, and community anchor institutions. Initiated by Stepp Manufacturing, which required gigabit speeds for continued operations.

- **Frontier’s project in Kandiyohi County** pairs CAF II funding & state grant to increase broadband to at least 25/3 to 701 locations on existing plant, and FTTH capable of delivering 150/150 to 446 locations—both well above the 10/1 required for a CAF II build only.

- **Lismore Coop’s hybrid project in Nobles County** improve broadband using both FTTH delivering gigabit service to some areas and fixed wireless connections to many more.

- **Mille Lacs Electric Cooperative** – partnered with a telephone co-op to bring service to one of the least served counties in the state.
2016 Border to Border Broadband Development Grant – Resources

Grant Information

http://mn.gov/deed/programs-services/broadband/grant-program

Interactive Eligibility Map

http://map.connectmn.org

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http://mn.gov/deed/broadband
For more information, contact:

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- Jane Leonard, Broadband Grants Administrator, 651-259-7635  jane.leonard@state.mn.us

- David Thao, State Program Administrator, 651-259-7442
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OBD website:  http://mn.gov/deed/broadband