

Office of Broadband Development Orientation to OBD Mapping & Data Resources

# Thank you for joining us. Our presentation will begin shortly.





### Office of Broadband Development Orientation to OBD Mapping & Data Resources May 20, 2021

### Presented by Angie Dickison, Diane Wells, Jennifer Frost, and Sonya Borgeson-Bethke



## Agenda



- Overview of broadband coverage mapping initiative and process
- How to view service availability today and tomorrow and who is building it
- How a County or City GIS or Economic Development professional might use the data in planning
- How communities are using local funding resources for broadband projects
- Overview of a typical grant round
- Grant template for local units of government



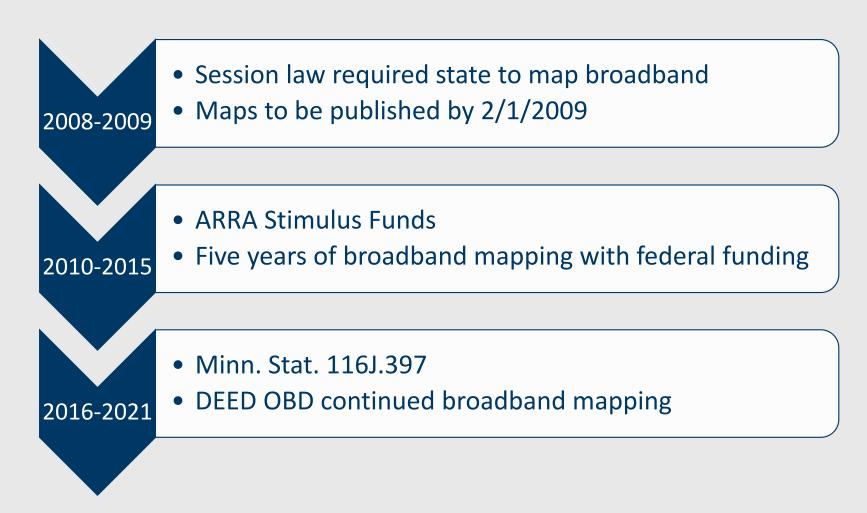




## Minnesota's Broadband Mapping History and Process



## Mapping History







### Minn. Stat. 116J.397

#### 116J.397 UPDATED BROADBAND DEPLOYMENT DATA AND MAPS.

- (a) Beginning in 2016 and continuing each year thereafter, the Office of Broadband Development shall contract with one or more independent organizations that have extensive experience working with Minnesota broadband providers to:
- (1) collect broadband deployment data from Minnesota providers, verify its accuracy through on-the-ground testing, and create state and county maps available to the public by April 15, 2017, and each April 15 thereafter, showing the availability of broadband service at various upload and download speeds throughout Minnesota;
- (2) analyze the deployment data collected to help inform future investments in broadband infrastructure; and
- (3) conduct business and residential surveys that measure broadband adoption and use in the state.
- (b) Data provided by a broadband provider under this section is nonpublic data under section <u>13.02</u>, <u>subdivision 9</u>. Maps produced under this paragraph are public data under section <u>13.03</u>.

Note that no funds are separately appropriated for mapping—a portion of the Border to Border Broadband Fund can be used to pay for mapping.



## **Broadband Mapping Process**

Annually:

- January-February: Updated mapping data solicited and received by providers (most providers do so under an NDA)
  - Participation is voluntary
  - Most providers submit service level data, a few submit address level data or FCC Form 477 data and a handful refuse to participate
  - Border to Border grant recipients are required to participate; providers cannot challenge a grant application if they have not submitted mapping data
- March: Data is processed
- April: Interactive map updated (demo) and maps/data submitted
- October: Annual deliverables are updated from changes gathered since March

Year round:

- Citizen and community map questions/corrections received and processed
- Vendor conducts three one-week field validation trips in the state

#### EMPLOYMENT AND ECONOMIC DEVELOPMEN

## The Minnesota Map – MN's Interactive Broadband Map

Orientation and Overview of the Map

- Navigating to and Launching the Minnesota Map
- Using Basic In-Map Tools to Interact with the Map
- Map Layers, Advanced Tools, Downloads and Uploads





### 

### Overview of Typical Border-to-Border Grant Round

Home Programs and Services

Broadband Grant Program

#### Programs and Services

CareerForce

Disability Determination Services

Dislocated Worker Program

Employment and Training Programs

Governor's Committee on the Safety, Health, and Wellbeing of Agricultural and Food Processing Workers

Minnesota Job Service

Office of Adult Career Pathways

Office of Broadband Development

What We Do

Broadband Task Force

Broadband Grant Program

Telecommuter Forward!

K-12 Connect Forward Initiative

Resources

### Broadband Grant Program

### OFFICE OF BROADBAND DEVELOPMENT

The Border-to-Border Broadband Development Grant Program funds the expansion of broadband service to areas of Minnesota that are unserved or underserved.

#### Overview

Office of Broadband Development

The Border to Border Broadband Development Grant Program was created in <u>Minn. Stat. 116J.395</u> in 2014. The legislative focus of this grant program is to provide state resources that help make the financial case for new and existing providers to invest in building broadband infrastructure into unserved and underserved areas of the state. In the 2019 legislative session, \$20 million was appropriated for fiscal year 2020 and 2021. We are awaiting the outcome of the 2021 legislative session to know if the Border to Border Broadband Development Grant Program will be offered this year.





### Past Border-to-Border Grant Rounds

#### **Programs and Services**

CareerForce

**Disability Determination Services** 

Dislocated Worker Program

Employment and Training Programs

Governor's Committee on the Safety, Health, and Wellbeing of Agricultural and Food Processing Workers

Minnesota Job Service

Office of Adult Career Pathways

Office of Broadband Development What We Do Broadband Task Force

Broadband Grant Program Telecommuter Forward! K-12 Connect Forward Initiative

Financial Assistance

Resources

Maps and Data

Minnesota Broadband Goals

Community Planning

Digital Inclusion

Broadband Speed Tests

Contact Us

- Office of Youth Development
- Reporting Services

Work Participation - MFIP and TANE

### Office of Broadband Development

Border-to-border high-speed Internet access is the goal throughout Minnesota. The Office of Broadband Development helps Minnesotans understand broadband options available and work together to improve availability and use of high speed broadband services.

The Office of Broadband Development at DEED is gathering links and contact information for companies with service options related to COVID-19 response. <u>This list</u> will be updated, as our office receives new information.



#### What We Do

Learn about the role of the office in broadband activities throughout the state.

#### Broadband Task Force

Learn about the purpose and goals of this governor-appointed task force.

#### Broadband Grant Program

Learn about the Border-to-Border Broadband Development Grant Program.



### Past Border-to-Border Grant Rounds

### OFFICE OF BROADBAND DEVELOPMENT

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As background, under current law, the grants can provide up to 50 percent of a project's infrastructure costs (project planning, permits, construction plant and labor, installation and testing, engineering, etc.). The maximum grant amount is \$5 million. The smallest project awarded to-date funded the deployment of broadband infrastructure to 8 locations and the largest projects have funded deployment to thousands of locations. Grants are awarded through a competitive grant application process. In each year that the grant program has been offered, applications have far exceeded the available funding.

The 2020 Awards tab below directs you to information for the recently announced awards in the 2020 (FY21) grant round. The remaining four tabs provide information on the grants awarded during the first five years the program was offered (2014-2017, 2019).



Please continue to visit this page of the Office of Broadband Development website to stay up-to-date on the Border to Border Broadband Infrastructure grant program.

2020 Application Process

2020 Awards 2019 Awards

Awards 2017 Awards

2016 Awards

2014-15 Awards



### **June-August**

• Selection and scoring criteria posted on OBD website

period for criteria, FA	20 Border-to-Border Broadband Grant application, the legislature appropriated \$20 million in funding. The applicatio the 2020 grants program opened July 23, 2020 and closed at 4:00 p.m. on Wednesday, September 30, 2020. The scor Qs, fact sheet, application and instructions used in the 2020 grant round are available here for reference:
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• Se	election and Scoring Criteria
	order to Border FAQs
	order to Border Supplemental FAQs
• <u>B</u>	order to Border Fact Sheet
• <u>G</u>	rant Instructions and Application
• 20	020 Border to Border Broadband Grant Overview
Eligibility	
Eligible A	
-	d development projects located in unserved or underserved areas are eligible for the Border to Border Broadband



### **June-August**

• Grant application and instructions posted on OBD website

Applica	cation Process	
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	Selection and Scoring Criteria	
	Border to Border FAQs	
4 .	Border to Border Supplemental FAQs	
	Border to Border Fact Sheet	
- •	Grant Instructions and Application	
	2020 Border to Border Broadband Grant Overview	
Eligibil	ility	
-	le Areas	
0	pand development projects located in unserved or underserved areas are eligible for the Border to Border f	Broadband
	pment Grants. An unserved area is an area of Minnesota in which households or businesses lack access to	



### **June-August**

- Webinar for applicants
- Pre-application deadline for applicants to formally notify all other broadband providers in proposed project service area (6 weeks prior to application submission deadline)





### **September-November**

- Application deadline
- Application summaries posted on OBD website





### **September-November**

• 30-day window of opportunity for broadband providers to challenge applications

2020 App	olication Process 2020 Awards 2019 Awards 2017 Awards 2016 Awards 2014-15 Award
2020	Grantees
2020 E	Broadband Grant Recipients
•	Download a list of 2020 Grantees
	Read about the 2020 challenge process for grant applications
+	Challenge process results 2020
	Download the 2020 Funding Summary
•	View a map of the 2020 awards
	View a map of the 2020 awards with Served/Under Served, Wireline Coverage awards
	Border to Border Broadband Grants 2014-2017, 2019-2020



### **September-November**

• Applications reviewed and scored by OBD staff

Application Proce	.55				
Application Process					
For the 2020 Border-to-Bor period for the 2020 grants p criteria, FAQs, fact sheet, ap <u>Selection and Scor</u>	program opened Jul plication and instru	y 23, 2020 and clos	ed at 4:00 p.m. on	Wednesday, Septer	nber 30, 2020. The scorin
Border to Border F	AQS				
Border to Border S	Supplemental FAQs				
Border to Border F	act Sheet				
Grant Instructions	and Application				
		ant Overview			



### **December-January**

- Funding recommendations reviewed and final grant awards determined by Commissioner of DEED
- Grant awards announced
- Grant contract award agreements initiated



### February - March

- Grant contract agreements fully executed
- Grant-funded projects begin (no earlier than the effective date of grant contract agreement)





mmer	<ul> <li>Scoring criteria published on OBD website</li> <li>Call for applications</li> <li>Webinar for applicants</li> <li>Pre-application deadline for applicants to formally notify all other broadband providers in proposed project area</li> </ul>
Fall	<ul> <li>Application deadline</li> <li>Application summaries posted on OBD website</li> <li>Window of opportunity for broadband providers to challenge applications</li> <li>Applications reviewed and scored by OBD staff</li> </ul>
/inter	<ul> <li>Funding recommendations reviewed and final grant awards determined by Commissioner of DEED</li> <li>Grant awards announced</li> <li>Grant contract agreements initiated and completed</li> </ul>



## Sign Up for OBD Updates



#### What We Do

Learn about the role of the office in broadband activities throughout the state.

#### Telecommuter Forward! Certification

Apply for Telecommuter Forward! Certification.

#### Broadband Task Force

K-12 Connect Forward

Working to ensure that all students in

Minnesota have access to scalable infrastructure, high-speed affordable bandwidth, and ubiquitous Wi-Fi for digital

Learn about the purpose and goals of this governor-appointed task force.

#### Broadband Grant Program

Learn about the Border-to-Border Broadband Development Grant Program.

#### Resources

State and federal resources for more information on broadband.

#### **Financial Assistance**

Options for financial assistance to help pay for broadband services.

#### **Community Planning**

Planning resources and tips for communities.

#### Contact Us

Contact the Office of Broadband Development.

#### Maps and Data

Initiative

learning.

Information and interactive maps that track broadband availability.

#### **Digital Inclusion**

Information that will help with broadband implementation.

#### <u>Minnesota Broadband</u> <u>Goals</u>

Goals in statute to guide the state's broadband development efforts.

#### Broadband Speed Tests

mn.gov

Check the speed of your broadband.



## Sign Up for OBD Updates

Contact the Office of Broadband Development

### OFFICE OF BROADBAND DEVELOPMENT

### Mailing Address

Office of Broadband Development Minnesota Department of Employment and Economic Development 332 Minnesota Street Suite E-200 St. Paul, MN 55101

### **Telephone and Email**

Reach us by phone at 651-259-7610

Reach us by email at deed.broadband@state.mn.us

### Sign Up for Email Updates

Get the latest information about broadband (and any other topics of interest from DEED) delivered fresh to your email box. Just put your email address in the box below and select Submit. Next, set some user preferences, select the topics you'd like from some broad categories, and indicate whether you'd like to receive the bulletins as they happen, daily or weekly.

mn.go



subscribe

To receive the broadband updates, select Broadband Information under the Other category.



## **Broadband Application Template**

#### **Basic Information**

**Project name** 

Applicant organization—name and mailing address

Applicant primary contact—name, title, phone number, email address

Project location (general description, list of addresses, map, shapefile, etc.)\*

Amount of grant funding requested

Matching funds provided by applicant and partners (list names of all partners and funding contributed)

Total application project cost

**Total number of locations project will serve** (may want breakdown by residential, business, farms, community anchor institutions)

Service currently available in project area and maximum speeds that will be available to entire area once project is complete

Type of technology used for project (FTTH, cable, DSL, fixed wireless, satellite)

Brief summary of project, benefits to area, why grant funding is needed

\*May want to consider using GIS resources at the local level combined with Office of Broadband Development mapping resources to identify areas that would be prioritized for grant funding

## **Broadband Application Template - Continued**

### **Project Specifics**

Map of project design (to justify request amount, may want to require professional engineer sign-off)

### **Basic budget table:**

Use of Funds	\$ Amount	Source of Funds	
Example:		Grant	Match
Construction – Labor			
<b>Construction Materials</b>			
CO Fiber Hardware Materials			
Electronics			
Customer Premise Install			
Customer Premise Equipment			
Professional Services & Engineering			
TOTAL			

#### **Project Timeline**

Prices planned to be offered to customers (including any proposal to address affordability for low income residents)

Plans to market the service in the project area





## **Broadband Application Template - Continued**

### **Provider Commitment**

**Explanation of the providers technical, managerial, and financial ability** to execute and complete the proposed project

**If selected for a grant, a contract should be executed** outlining the grantee's duties, timeline for project completion, approved budget table, the amount and process for reimbursement, reporting requirements, and any provisions for termination.





## Keep in mind...

Use the above template to award Local Fiscal Recovery Funds or to identify potential projects for partnering with other available funding

If awarding Local Fiscal Recovery Funds

- Follow the funding guidance
- Follow your local government funding and contracting requirements



## In Conclusion

- State Border to Border Broadband Infrastructure Grant Program still awaiting funding
- OBD has resources
  - Mapping
  - Provider list by County, School District, City
  - Application Template and Timeline
  - Ask questions
- Be Ready!







### DEED.BROADBAND@STATE.MN.US

651-259-7613

Office of Broadband Development / Minnesota Department of Employment and

Economic Development (mn.gov)

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