# WELCOME

JOINT BROADBAND COMMITTEE
FOR THE TOWNS OF
BRUSSELS, UNION, GARDNER, & FORESTVILLE

2023

**An Intergovernmental Collaboration** 

Fiber Broadband Internet Service For Our Communities

# Agenda

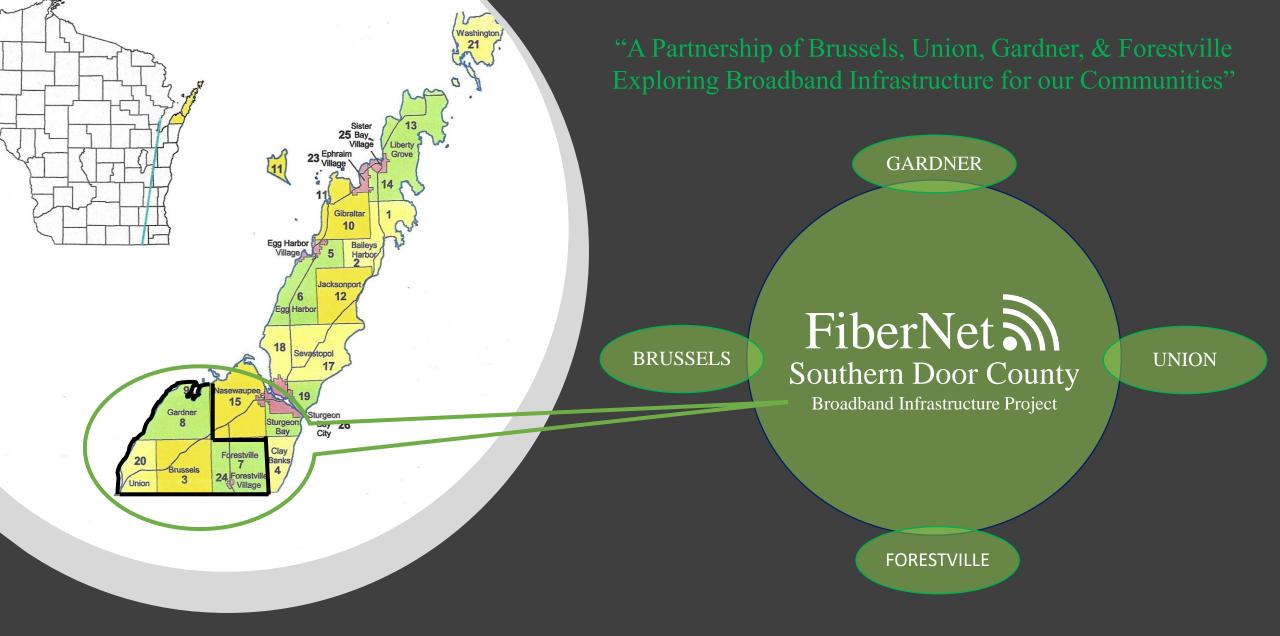
- Background
- Broadband Committee
- Committee Process
- ISP Selection Criteria
- ISP Recommendation
- Impact for Residents & Businesses
- Q&A
- Next Steps





ACP Affordable Connectivity Program

- FTTP Fiber to the Premise
- FIBER Fiber optic strands of glass that use light to transmit data at faster speeds that can be done on copper lines
- ISP Internet Service Provider
- AERIAL A method of fiber deployment that hangs the fiber on utility poles
- BURIED A method of fiber deployment that buries the fiber underground
- AON Active Optical Network not shared between users
- GPON Gigabit Passive Optical Network this is a shared network
- RFI Request for Information
- RFP Request for Proposal
- BSL Broadband Serviceable Locations
- E911 This is the Fire # that is assigned to your premise or property by Door County Land Use Dept., which identifies your address in an emergency.



**REMINDER:** 

Take the broadband survey and speed test from your home internet connection at: <a href="http://maps.psc.wi.gov/apps/WISER">http://maps.psc.wi.gov/apps/WISER</a> or FIBERNETDOORCOUNTY.ORG

#### **COLLABORATIVE EFFORTS**

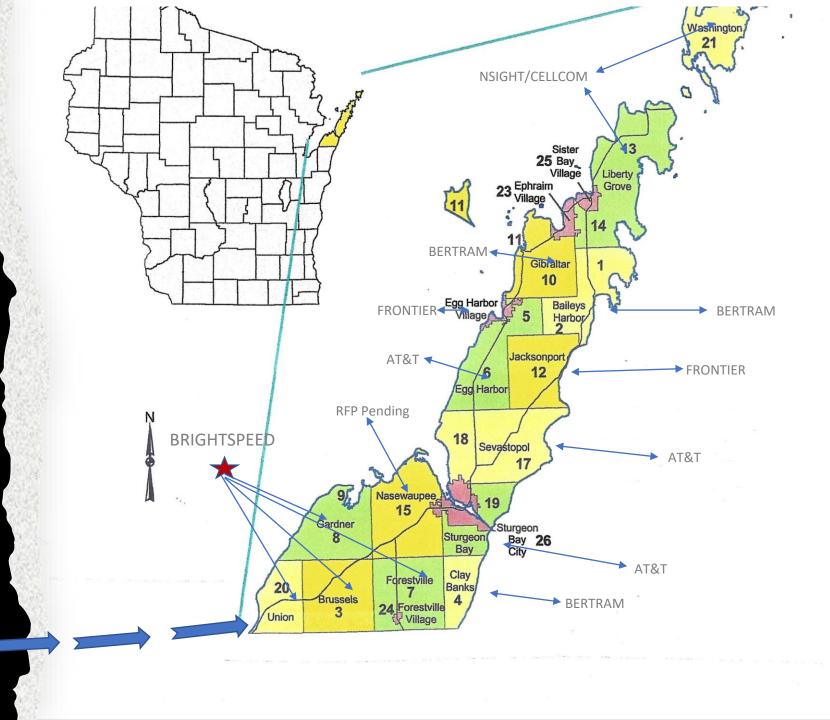
We are working together in an effort to reduce the costs for Broadband Fiber Internet Services to our communities.

#### **GRANT WRITING**

Working collaboratively as we apply for available grants to help to reduce the costs of building fiber infrastructure within our communities.

# DOOR COUNTY COMMUNITIES ARE ON THE MOVE

TAKE A LOOK



# Speaking of Broadband



What brought us to this Point?

- ➤ The Recent Covid Pandemic Brought Out The Epic Shortfalls Of Local Internet Services Throughout The Country
- This Prompted The Availability Of Federal Dollars (Grants)
- As Technology Moves Forward, So Do The Needs Of The Communities
- 20 Year Comprehensive Plans Highlight The Need For Broadband Internet Services
- Door County Introduces The FiberNet Broadband Project

#### Who It Affects

Local Businesses, Farm Businesses - Schools and Students,
Health Care Programs - Senior And Local Citizens
Fire Departments - Law Enforcement - EMS - First Responders
College Students - Work from Home Programs - Daily Life
Activities - Telehealth Services, And so Much More

THIS IS A ONCE IN A LIFETIME OPPORTUNITY

# County Wide Broadband Study Broadband Infrastructure Engineering Assessment Report Executive Summary

(aka Finley Engineering Report)

- A comprehensive engineering study was conducted to provide recommendations for improving broadband access in Door County and was enabled by Door County Economic Development Corporation.
- Understand what is currently available, where does the infrastructure serve, capacity, and who owns the infrastructure.
- Voids or deficiencies in service.
- Options in providing service both in the short-term and long-term along with possible financing plans and strategies.



# Broadband Infrastructure Engineering Assessment Report Executive Summary

**Door County, Wisconsin** 

**November 5, 2021** 





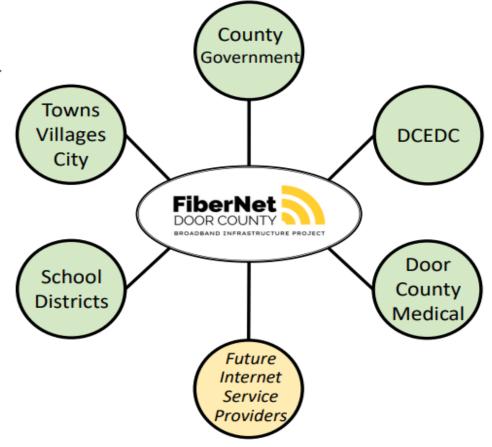
Finley Engineering CCG Consulting

#### Door County FiberNet

County Broadband study implementation recommendations from the Broadband Steering Committee & endorsed by the DCEDC Board of Directors.

#### **Key Study Findings / Recommendations**

- The study provides a general design model that can be replicated throughout the County and it should be utilized as the guide for implementing broadband in the County.
- We knew we had issues, but this study defines how poor our service is in the County which will help enable grant funding.
- While there are significant public resources available for broadband, it will still require local investments to accomplish the countywide vision.
- Broadband is not a luxury, it is a necessity like electricity.
- Like electricity, it will require partnership between the private and public sectors.
- Door County needs a dedicated "leader and champion" for the overall broadband strategy to be successful.
- To accomplish a federated network, we will need to work together to ensure connectivity and efficient use of funds.
- We will need to build partnerships with potential Internet Service Providers (ISPs) to be successful.
- It will take time and persistence at the local, county and state level.



The study states that it will take financial commitments from the stakeholders above plus investments from the private & business sectors.

#### **County Government**

Project Coordination
Middle Mile Connections
ISP Coordination
WPS Coordination
Grant Coordination

#### Towns / Villages / City

Local Project Planning ISP Coordination Resident Education Resident Surveys Grants Implementation

#### DCEDC

Project Communication
Business Education
Business Coordination
Funding Opportunities
Grant Support
Coordination / Facilitation
FiberNet Website Management

#### **School Districts**

Project Engagement Parent Engagement Grant Support

#### **DC Medical**

Project Engagement Tele-Health Engagement Grant Support

#### Joint Broadband Committee Goals

- 1. Determine what is currently available
- 2. Determine if there is existing connection areas and networks which can be built from
- 3. Determine how to deploy fiber for our communities
- 4. Establish partnerships between communities and create public and private partnerships to assist with broadband efforts
- 5. Determine costs and financing options
- 6. Determine the level of interest for applying for grants
- 7. Implement the plan once it is created

LOOKING FORWARD

BROADBAND IS NOT A "NICE TO HAVE"

IT'S A CRITICAL ESSENTIAL UTILITY FOR

ALL RESIDENTS

### **Broadband Fiber to Premise (FTTP) Journey**

2022 > ------> 2023

# **Towns Comprehensive Plan Identifies Need for**

- Improved broadband access in community
- Creation of a Broadband Committee
- Establish Partnerships between communities
- Formed a partnership with Brussels, Union, Gardner, & Forestville
- Determining costs & financing options
- Implementing the plan

# **Broadband Fiber to the Premise Exploration**

- Explore Door County Broadband expansion for our towns to improve internet broadband access to our communities
- This effort will require intergovernmental cooperation & coordination if it is to succeed

#### County Wide Broadband Study (aka Finley Engineering Report)

Study to
Provide recommendations
for improving broadband
access in Door County
Study started in 2021 &
wrapped in Jan. 2022

To Review the Finley Report GO TO: **FIBERNETDOORCOUNTY.ORG** 

#### Wisconsin Public Service Commission (PSC) Broadband Expansion Program

- Treasury Capital
   Projects Fund \$42
   Million opens 08/14/23
   with 11/07/23 deadline.
- 2024 BEAD Funding

Broadband is not a "nice-to-have; it's a Critical Essential utility for all residents

#### JOINT BROADBAND COMMITTEE MEMBERS

#### Joint Broadband Committee Project Goals

- Gather & Quantify Town Needs for Internet Service
- Evaluate the Range of Solutions and Funding Sources
- Identify potential Internet Service Provider Partner



#### **ADVISORY SUPPORT**

#### Jessica Hatch

- Door County Broadband Coordinator
- ISP industry experience

#### **TOWN OF GARDNER**



## Jon Koch / Town of Gardner JOINT COMMITTEE CHAIR

- Former Town of Gardner Chairman
- Retired Door County Sheriff's Dept.



**Kevin Fleischman** / Town of Gardner

- Joint Broadband Committee Member
- WPS
- Gardner Town Board Member



Adam Weldon / Town of Gardner

- Joint Broadband Committee Member
- Door County Information Technology

#### JOINT BROADBAND COMMITTEE MEMBERS

#### TOWN OF BRUSSELS



**Joe Wautier** / Town of Brussels

- Joint Broadband Committee Member
- Brussels Town Chairman



**Joel Daoust** / Town of Brussels

- Joint Broadband Committee Member
- Brussels Town Board Member



**Dean Gerend** / Town of Brussels

- Joint Broadband Committee Member
- Solutions Architect at CoreBTS

#### **TOWN OF UNION**



**Don Pydo** / Town of Union **JOINT COMMITTEE VICE CHAIR** 

Business Owner



Jeff LeGrave / Town of Union

- Joint Broadband Committee Member
- Union Town Board Member
- Business Owner



Stephanie Atkins / Town of Union

- NWTC/Teaching and Learning Center Manager. Manage the Learning Management System for NWTC.
- Past-16 years as a teacher at Southern Door School District.

#### TOWN OF FORESTVILLE



**Roy Englebert** / Town of Forestville

- Joint Broadband Committee Member
- Former Forestville Town Chairman
- Door County Board Supervisor



Jason Rouer / Town of Forestville

- Joint Broadband Committee Member
- Director / Door County Information Technology



Chris Sampo / Town of Forestville

• Joint Broadband Committee Member

#### Joint BUGF Broadband Committee Process



September '22

Sep. – Nov. '22

Dec. '22 - Jan. '23

Feb. – May '23

June – April '24

**Form Committee** 

Gather
Information
And Feedback

Issue Request For RFI Issue Request for Proposal

ISP Recommendation

- Gardner forms Broadband Ad Hoc Committee
- October 2022
   Brussels / Union / Gardner
   Form a Joint Broadband
   Committee
- January 2023
   Forestville Town requests to be part of the Joint
   Committee for Broadband

- Finley Engineering Report
- Conduct Town
   Survey's
  - ✓ November Elections
  - ✓ Tax Mailings
- FiberNetDoorCo.
- Wiser Broadband
   Survey (November present)
- Collect Information on (ISP) Internet
   Service Providers
- Develop Criteria for ISP to follow

- (RFI) Request for Information Issued
- February 2023
  Conduct ISP in-person
  Presentations
  - Bertram
  - Brightspeed
  - Bug Tussel
  - Charter/Spectrum
  - Lit Communities
  - Nsight/Cellcom

- Detailed RFP created
- ISP Responses (RFI):
  - Bertram
- Brightspeed
- Bug Tussel
- Charter/Spectrum
- Lit Communities
- Nsight/Cellcom

ISP Interviews

RFP Issued 04/31/23

- RFP/ISP Web Session June 17,2023
- RFP Due Aug. 14, 2023
- Public Hearing Date: ?
- Committee Review of public hearing feedback
- October 2023 formal recommendation to Town Boards
- Town Boards Workshop
- Public Presentation
- March 13,2024 Public Presentation
- April 2, 2024, Referendum Question on April Ballot

# WISER SURVEY DATA AS OF 07/06/2023

#### **INTERNET SERVICE PROVIDERS**

- AT&T Wisconsin
- CenturyLink
- Door County Broadband
- HughesNet
- Mercury Network Corporation Excel Net
- Nsight Cellcom Bayland Lakefield Northeast
- > Other
- US Cellular Corporation
- Unknown
- Viasat

TOWN	RESPONSES	NO SERVICE	1 – 10 MBPS	10 – 25 MBPS	25 – 100 MBPS	100+ MBPS
BRUSSELS	96	41	33	13	9	0
Percentage		43%	34%	20%	1%	0%
UNION	161	89	48	14	9	1
Percentage		55%	30%	1%	15%	<1%
GARDNER	262	145	65	31	18	0
Percentage		55%	25%	12%	7%	0%
FORESTVILLE	109	32	41	18	18	0
Percentage		30%	38%	17%	17%	0%
JOINT TOWNS Percentage	628	91% UNDERSERVED/UNSERVED			8%	<1%

# WHAT WE LEARNED FROM INDIVIDUAL TOWN SURVEYS AND RESIDENT FEEDBACK

Do you support the towns continuing to research fiber optic/broadband services for your town?

YES	970 / 91%
NO	92 / 9%
TOTAL COMBINED	1062 / 100%

Are you willing to pay/tax levy increase for a portion of the fiber optic infrastructure if grants and internet service provider contributions do not cover the entire costs?

YES	672 / 65%
NO	359 / 35%
TOTAL COMBINED	1031 / 100%

Would you be interested in volunteering to serve on a committee researching fiber optic broadband service?

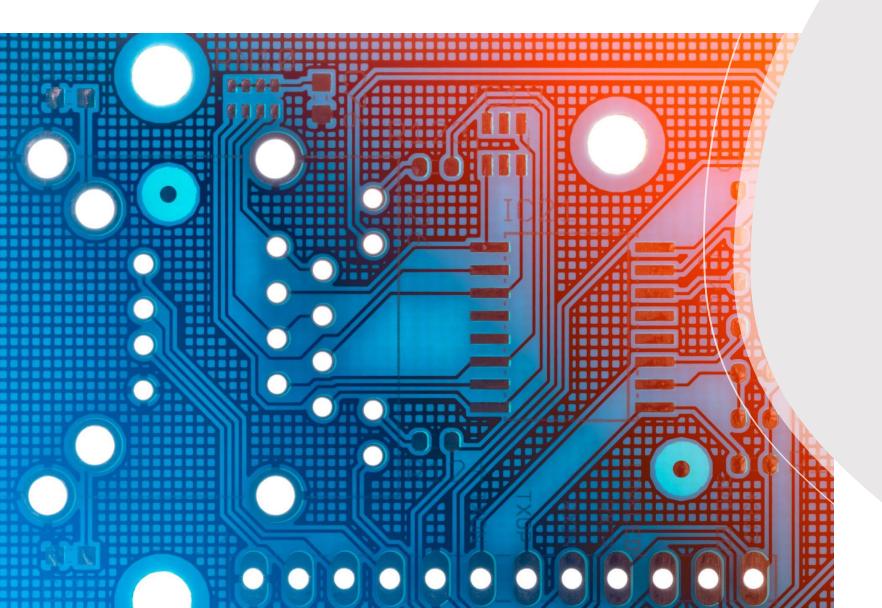
YES	118 / 11%
NO	917 / 89%
COMBINED TOTAL	1035 / 100%

	BRUSSELS	UNION	GARDNER	FORESTVILLE
YES	48 / 86%	475 / 94%	310 / 93%	137 / 83%
NO	8 / 14%	31 / 6%	24 /7%	29 / 17%
TOTAL	56 / 100%	506 / 100%	334 /100%	166 / 100%

	BRUSSELS	UNION	GARDNER	FORESTVILLE
YES	34 / 61%	310 / 64%	220 / 68%	108 / 65%
NO	22 / 39%	174 / 36%	105 / 32%	58 / 35%
TOTAL	56 / 100%	484 / 100%	325 / 100%	166 / 100%

	BRUSSELS	UNION	GARDNER	FORESTVILLE
YES	6 / 11%	50 / 10%	50 / 15%	12 / 7%
NO	48 / 89%	437 / 90%	278 /85%	154 / 93%
TOTAL	54 / 100%	487 / 100%	328 /100%	166 /36%

#### INTERNET SERVICE PROVIDERS (ISP) CONTACTED for RFI



- AT&T
- BERTRAM COMMUNICATIONS
- BRIGHT SPEED
- BUG TUSSEL
- CHARTER/SPECTRUM
- FRONTIER COMMUNICATIONS
- HOMETOWN FIBER
- LIT COMMUNITIES
- NSIGHT/CELLCOM
- STUPP FIBER

#### **COST PROJECTIONS FROM SUBMITTED RFP'S**

	Bertram 53% >	Brightspeed RECOMMENDED	Spectrum 56%>	Bug Tussel REJECTED	Lit Communities REJECTED	Nsight REJECTED
OVERALL PROJECTED COST ISP SHARE NEW OVERALL	Claims Proprietary Information	\$15,724,409 \$3,700,000 \$12,024,409	Claims Proprietary Information	NO RESPONSE	NO OVERALL PROJECTED COSTS GIVEN ENGINEERING STUDY	NO OVERALL PROJECTED COSTS GIVEN ENGINEERING STUDY

Because most of the Information gathered is considered Proprietary, limited Information is being presented

## Upgrade to ultrafast, reliable Brightspeed fiber.

With Brightspeed Fiber Internet, your whole household can stream, work, game, and surf when they want, how they want. Get connectivity in every corner of your home or business with a premium modem at no cost and no introductory prices or annual contracts.

Plus, your \$100 installation fee is on us.

#### Fast

#### 200 Mbps \$59/mo\*

- · Connect up to 10 devices at once
- Streaming, web browsing, social networking, and emailing
- Speeds up to 200 Mbps

#### Faster

#### 500 Mbps <del>\$80/mo</del> \$69/mo\*

- Connect up to 20 devices at once
- HD streaming, web browsing, social networking, emailing, and competitive gaming
- Speeds up to 500 Mbps

#### Fastest

#### 1 Gig

#### <del>\$100/mo</del> \$79/mo\*

- Connect 20+ devices at once
- HD and 4K streaming, web browsing, social networking, emailing, and best-inclass competitive gaming
- Speeds up to 940 Mbps



# Southern Door Schools





## Local Businesses



## SOCIETAL IMPACT

The pandemic provided ample examples of the negative societal impacts of not having broadband internet available to residents. Broadband affects

- Ability to telework (work from home)
- Allow children and adults to participate in online learning
- Enhances communications to all residents, businesses, public safety, and schools
  - Video conferencing
  - Utilities (real-time information)
- Utilization of health monitoring/telehealth services
- Entertainment
  - Streaming movies
  - Online gaming
  - Cable/Satellite TV alternative
- Economic development
  - Agricultural
  - Business
  - Attract residents/community growth/tax base growth
  - Home values

These are just some examples ... there's a long list

#### ISP SELECTION CRITERIA

1. Will our Towns be entirely covered?



- Coverage for each entire town
- Address access for low-income residents
- Include seasonal residences
- Support Town Infrastructure (Hall, Fire Dept.'s)

2. What's the project cost, i.e., minimize \$ impact to residents?



- Overall Project Cost
- Impact on Residents (i.e., tax levy)
- Out of pocket costs for installation
- Competitive subscription rates

3. Is the solution "Future-Proof"?



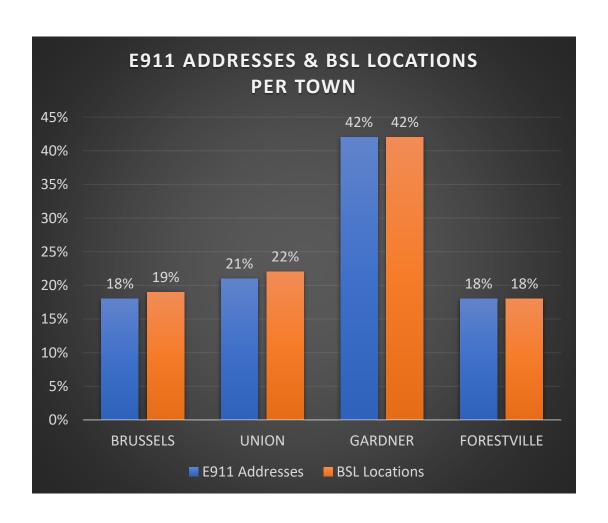
- Technology consistent w/ Finley Eng. Study
- Reliability of Design, e.g., bury vs. aerial mix
- Ability to enable future technology solutions for the town or county

4. Is ISP a Viable Partner?



- Operational capability; business viability
- Customer support & education services
- Grant writing / win-rate
- Fit with operating in a rural community

# Chart Percentages Based on Number of E911 Town Addresses & Broadband Serviceable Locations (BSL's)



- Town of Brussels
   E911 Addresses 593 or 18%
   BSL Prems 661 or 19%
   E911 / BSL disparity 68 locations or 10%
- Town of Union
   E911 Addresses 690 or 21%
   BSL Prems 756 or 22%
   E911 / BSL disparity 66 Locations or .09%
- Town of Gardner
   E911 Addresses 1394 or 42%
   BSL Prems 1526 or 42%
   E911 / BSL disparity 132 Locations or .09%
- Town of Forestville
   E911 Addresses 625 or 18%
   BSL Prems 629 or 18%
   E911 / BSL disparity 4 Locations or .006%

#### **TOWN OF GARDNER PHASE 1 PROJECT**

Grant funding to come from the Wisconsin Public Service Commission - Capital Project Funding CPF Grant Funding Application submitted on November 7, 2023, to PSC of WI

TOTAL PROJECT COST	\$4,508,305	E911 addresses - 1394
BRIGHTSPEED MATCH	\$1,537,741	Brightspeed eligible prems -2857
GARDNER TOWN MATCH ARPA FUNDS	\$ 26,600	
DOOR COUNTY ARPA MATCH \$35,125	\$ 23,400	\$25 Per E911 address
WISCONSIN CPF GRANT REQUEST	\$2,970,564	
NET BALANCE	\$-0-	

#### **TOWN OF BRUSSELS PHASE 2 PROJECT**

Grant Funding to come from the Broadband Equity Access & Deployment Program (BEAD)

Brightspeed Contribution is based on Eligible (un/under served prems)

BEAD Grant Awards require a Minimum 25% Matching Fund

Brussels Total Project Cost	\$3,705,945
Brightspeed Contribution Based on 25% of Eligible Prems and 90% of Non-Eligible Prems	\$(1,063,035)
BEAD Funding Based on Eligible Prems ONLY Request @ 64.5%	\$(2,257,440)
Door County ARPA Funds to be applied towards Project costs	\$(14,875)
Brussels Town Contribution @ 10% Based on All Served Prems Total	\$(370,595)

Brussels E911 Addresses – 593 / Brights	speed Total Prems - 661
Brightspeed Projected Project Costs Eligible prems 506 Non-Eligible Served prems 155 All Served Prems Total 661	\$3,495,868 \$210,076 \$3,705,945
Brightspeed Contribution Eligible BEAD Prems @ 25% 506 Non-Eligible Prems @ 90% 155 TOTAL	\$873,967 \$189,068 \$1,063,035
Brussels Contribution Eligible BEAD Prems @ 10% 506 Non-Eligible Prems @ 10% 155 TOTAL	\$349,587 \$21,008 \$370,595
Door County ARPA Funds Applied Towards Pro	oject Cost \$14,875
BEAD Program Grant asking 64.5% of Eligible	Prems \$2,257,440

#### **TOWN OF UNION PHASE 2 PROJECT**

Grant Funding to come from the Broadband Equity Access & Deployment Program (BEAD)

Brightspeed Contribution is based on Eligible (un/under served prems)

BEAD Grant Awards require a Minimum 25% Matching Fund

Union Total Project Cost	\$4,038,561
Brightspeed Contribution Based on 25% of Eligible Prems and 80% of Non-Eligible Prems	\$(1,032,650)
BEAD Funding Based on Eligible Prems ONLY Request @54.5%	\$(2,180,923)
Door County ARPA Funds Applied Towards Project Cost	\$ (17,275)
Union Town Contribution @ 20% All Served Prems Total	\$(807,713)

Union E911 Addresses – 690 /	Brightspeed Total Prems -756
Brightspeed Projected Project Costs Eligible prems 683 Non-Eligible Served prems 73 All Served Prems Total 756	\$3,996,723 \$41,838 \$4,038,561
Brightspeed Contributions Eligible BEAD Prems @ 25% 683 Non-Eligible Prems @ 80% 73 TOTAL	\$999,180 \$33,470.40 \$1,032,650
Union Contributions Eligible BEAD Prems @ 20% 683 Non-Eligible Prems @ 20% 73 TOTAL	\$ 799,345 \$ 8,368.60 \$ 807,713
Door County ARPA Funds Applied Toward	ds Project Cost \$17,275
BEAD Program Grant asking 54.5% Of Elig	sible Prems \$2,180,923

#### **TOWN OF GARDNER PHASE 2 PROJECT**

Grant Funding to come from the Broadband Equity Access & Deployment Program (BEAD)

Brightspeed Contribution is based on Eligible (un/under served prems)

BEAD Grant Awards require a Minimum 25% Matching Fund

Gardner Total Project Cost	\$4,622,680
daruner lotar Project Cost	Ş4,022,080
Brightspeed Contribution Based on 25% of Eligible Prems and 50% of Non-Eligible Prems	\$(1,242,686)
BEAD Funding Based on Eligible Prems ONLY Request @49%	\$(2,102,183)
Door County ARPA Funds being applied Towards project cost	\$(35,125)
Gardner Town Contribution Based on 25% of Eligible Prems and 50% of Non-Eligible Prems	\$(1,242,686)

Gardner E911 Addresses – 1394 / Brightspeed Total Prems -1526	
Brightspeed Projected Project Costs Eligible prems 938 Non-Eligible Served prems 588 All Served Prems Total 1526	\$4,274,617 \$348,063 \$4,622,680
Brightspeed Contribution Eligible BEAD Prems @ 25% 938 Non-Eligible Prems @ 50% 588 TOTAL	\$1,068,654 \$174,032 \$1,242,686
Gardner Contributions Eligible BEAD Prems @ 25% 938 Non-Eligible Prems @ 50% 588 TOTAL	\$1,068,654 \$174,032 \$1,242,686
Door County AARP Funds Being Applied	Towards Project Cost \$35,125
BEAD Program Grant asking 49%	\$2,102,183

#### **TOWN OF FORESTVILLE PHASE 2 PROJECT**

Grant Funding to come from the Broadband Equity Access & Deployment Program (BEAD)

Brightspeed Contribution is based on Eligible (un/under served prems)

BEAD Grant Awards require a Minimum 25% Matching Fund

\$3,474,671
\$(868,668)
\$(1,721,685)
\$(15,650)
\$(868,668)

Forestville E911 Addresses – 625 / Brightspeed Total Prems -690	
Brightspeed Eligible prems 629 Non-Eligible Served prems 0 All Served Prems Total 629	\$3,474,671 0 \$3,474,671
Eligible BEAD Prems @ 25% 629 Non-Eligible Prems 0 TOTAL	\$868,668 \$868,668
Eligible BEAD Prems @ 25% 629 Non-Eligible Prems 0 TOTAL	\$868,668 \$868,668
Door County ARPA Funds Being Applied	Towards Project Cost \$(15,650)
BEAD Program Grant asking 49.5%	\$1,721,685

Project Costs for Brussels	
Total Project Costs	\$3,705,945
ISP Match @ 25% eligible + 90% non-eligible	\$1,063,035
BEAD Grant Request @ 65%	\$2,257,440
Door County ARPA Funds Available	\$14,875
Brussels Total Loan Amount - 10% contribution	\$370,595

Project Financing Costs	
Total Principal	\$370,595
Total Interest	\$288,784
Total Program Cost (Principal + Interest)	\$659,379

Broadband Project Funding Tax Rate	
Annual Loan Payment (loan payment in years 20)	\$32,969
BRUSSELS 2023 Assesses valuation	\$92,061,200
Effective Tax Per \$1000	\$0.3581

Annual Broadband Project Costs to Taxpayers		
Annual Costs	<b>Monthly Costs</b>	
\$35.81	\$2.98	
\$71.62	\$5.97	
\$107.44	\$8.95	
\$143.25	\$11.94	
\$179.06	\$14.92	
	\$35.81 \$71.62 \$107.44 \$143.25	

#### **TOWN OF BRUSSELS**

**Eligible for BEAD Funding** 

#### **BRIGHTSPEED COST PROJECTIONS**

# BROADBAND PROJECT FUNDED VIA LOCAL TAX LEVY BASED ON CURRENT 6.25% INTEREST RATES

Project Costs for Union	
Total Project Costs	\$4,038,561
ISP Match @ 25% eligible + 80% non-eligible	\$1,032,650
BEAD Grant Request @ 54%	\$2,180,923
Door County ARPA Funds Available	\$17,275
Union Total Loan Amount - 20% Contribution	\$807,713

Project Financing Costs	
Total Principal	\$807,713
Total Interest	\$629,407
Total Program Cost (Principal + Interest)	\$1,437,120

Broadband Project Funding Tax Rate	
Annual Loan Payment (loan payment in years 20)	\$71,856
UNION 2023 Assessed Valuation	\$233,658,100
Effective Tax Per \$1000	\$0.3075

Annual Broadband Project Costs to Taxpayers		
Annual Costs	<b>Monthly Costs</b>	
\$30.75	\$2.56	
\$61.51	\$5.13	
\$92.26	\$7.69	
\$123.01	\$10.25	
\$153.76	\$12.81	
	\$30.75 \$61.51 \$92.26 \$123.01	

#### **TOWN OF UNION**

**Eligible for BEAD Funding** 

#### **BRIGHTSPEED COST PROJECTIONS**

# BROADBAND PROJECT FUNDED VIA LOCAL TAX LEVY BASED ON CURRENT 6.25% INTEREST RATES

Project Costs for GARDNER	
Total Project Costs	\$4,622,680
ISP Match @ 25% eligible, 50% non-eligible	\$1,242,685
BEAD Grant Request @ 50%	\$2,137,308
Door County ARPA Funds Available \$35,125	
Gardner Total Loan Amount - 25% Contribution	\$1,242,687

Project Financing Costs	
\$1,242,687	
\$968,358	
\$2,211,045	

Broadband Project Funding Tax Rate	
Annual Loan Payment (loan payment in years 20)	\$110,552
GARDNER 2023 Assessed Valuation	\$255,602,200
Effective Tax Per \$1000	\$0.4325

Annual Broadband Project Costs to Taxpayers		
Assessed Value	Annual Costs	<b>Monthly Costs</b>
\$100,000	\$43.25	\$3.60
\$200,000	\$86.50	\$7.21
\$300,000	\$129.75	\$10.81
\$400,000	\$173.01	\$14.42
\$500,000	\$216.26	\$18.02

#### **TOWN OF GARDNER**

**Eligible for BEAD Funding** 

#### **BRIGHTSPEED COST PROJECTIONS**

# BROADBAND PROJECT FUNDED VIA LOCAL TAX LEVY BASED ON CURRENT 6.25% INTEREST RATES

Project Costs for Forestville	
Total Project Costs	\$3,474,671
ISP Match @ 25% eligible, 50% non-eligible	\$868,668
BEAD Grant Request @ 50%	\$1,737,335
Door County ARPA Funds Available \$15,650	
Forestville Loan Amount - 25/50% contribution	\$868,668

Project Financing Costs	
Total Principal	\$868,668
Total Interest	\$676,906
Total Program Cost (Principal + Interest)	\$1,545,574

Broadband Project Funding Tax Rate	
Annual Loan Payment (loan payment in years 20)	\$77,279
FORESTVILLE 2023 Assessed Valuation	\$92,765,500
Effective Tax Per \$1000	\$0.8331

Annual Broadband Project Costs to Taxpayers		
Assessed Value	Annual Costs	<b>Monthly Costs</b>
\$100,000	\$83.31	\$6.94
\$200,000	\$166.61	\$13.88
\$300,000	\$249.92	\$20.83
\$400,000	\$333.22	\$27.77
\$500,000	\$416.53	\$34.71

#### TOWN OF FORESTVILLE

**Eligible for BEAD FUNDING** 

#### **BRIGHTSPEED COST PROJECTIONS**

# BROADBAND PROJECT FUNDED VIA LOCAL TAX LEVY BASED ON CURRENT 6.25% INTEREST RATES

# QUESTIONS & ANSWERS