

AD HOC TECHNOLOGY COMMITTEE INTERNET REVIEW & PROPOSAL

10/18/2022

JACKSONPORT AD HOC TECHNOLOGY COMMITTEE

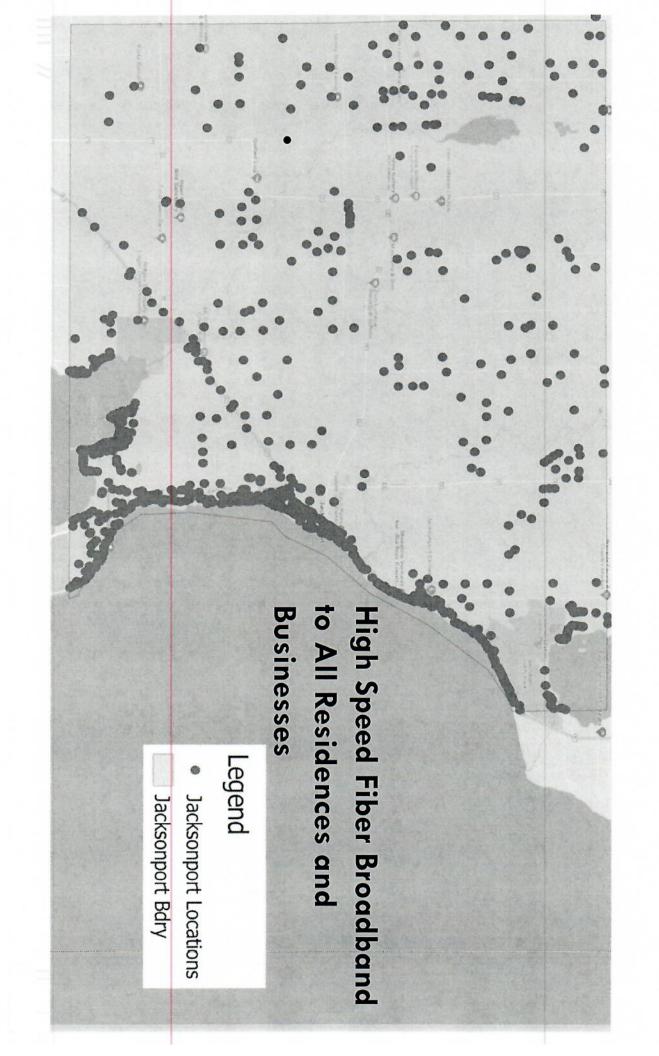
Rob Edmundson, Chair

Lynn Wilson, Secretary

David Crawford

Tom Hollingshead
Bob Kufrin

Joe McMahon



ECHNOLOGY COMMITTEE PROCESS

- ✓ Create Jacksonport Broadband Requirements
- ✓ Evaluate ISPs Nsight, DCB/Bertram, Frontier, Charter/Spectrum
- Frontier Communications was recommended and approved by Board
- Obtain Community Support and Funding Commitment
- Develop Contract
- Pursue Grants to help fund
- Implement solution
- On-going collaboration with County and other towns

TOWN SURVEY SUMMARY - 200 RESPONSES

- Internet is a necessary utility
- Dissatisfied with internet speed, reliability, and current providers
- Working from home difficult & remote education frustrating
- Virtual meetings, doctor visits, and medical reporting challenging
- Would like to stream movies & TV, do more research, and would spend more time in Jacksonport if we had better internet services
- Business transactions slow, staff and customers frustrated
- 96% in favor of implementing high speed broadband

HOW IS YOUR SERVICE?

According to Survey Results:

Download and 6 Mbps Upload for \$100 per month Current Internet service averages about 14 Mbps

PROPOSED NEW FRONTIER SERVICE

Residences:

500 Mbps Download / 500 Mbps Upload for \$60 per Month (\$50 first year)

(Free Installation and No Equipment Rental or Purchases)

Businesses:

300 Mbps Download / 300 Mbps Upload for \$56 per Month

HIGH SPEED BROADBAND PROJECT HIGHLIGHTS

- Fiber to ALL Jacksonport Residences and Businesses
- Total Implementation Cost \$3.5M
- 2 year Implementation (Estimated 60% fiber underground)
- Capacity to handle seasonal traffic
- Wi-Fi Service to Town Parks
- Frontier will perform and fund Town engineering study
- Affordability Connectivity Program for qualifying residents
- Seasonal service suspension \$39.99

HOW DO WE PAY FOR THIS?

- Total Project Cost = \$3.5 M
- Frontier investment = \$1.75M
- Jacksonport Town = contributions or grants) \$1.75M (Maximum Amount - Assuming no

WHAT'S THE FINANCIAL IMPACT ON ME?

\$1.75M financed over 15 years at 5.25%

Annual Debt Service approx. \$175,000

\$60 per \$100,000 valuation

(Annual tax increase of \$180 on a \$300,000 residence)

Not done with the financial impact... next slide!

FINANCIAL IMPACT CONTINUED.... YOU WILL SAVE MONEY!

Current avg. internet cost:

\$100/ mo.

Cost of new Frontier service: \$ 60/mo.

Monthly Savings:

\$ 40/mo.

Annual subscription savings:

\$ 480

Annual tax increase:

\$ 180

Net Annual Savings: \$ 300

Streaming services, TV, phone, gaming, etc. could provide addl. savings

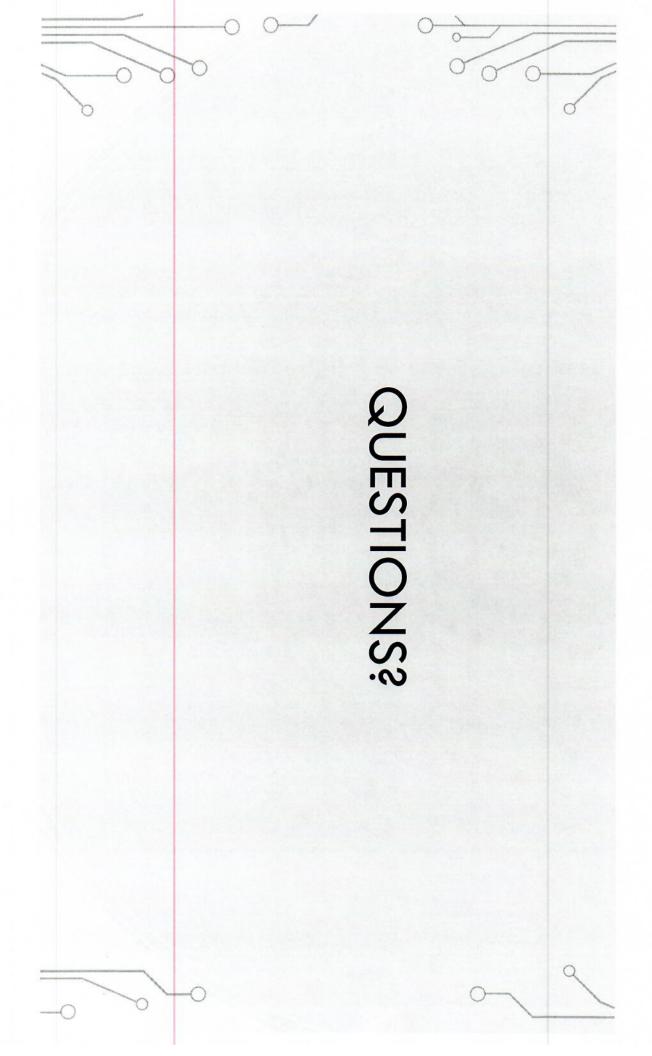
SUMMARY

With Jacksonport building a fiber network to every address:

Increased internet speed by a factor of at least 30 times

Saves you money!

Increased internet reliability



Example Exam	Jacksonport Broadband Requirements/ISP Assessment Criteria (8/22)	ria (8/22)	DCB/Bertram	Frontier	Nsight	Charter/Spectrum
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drop charges V/N V S Free or \$6,500 + activation fee \$11 No charge For aerial drops, we estimate of \$1 yrs Yes	Estimated Grant Opportunity (30%?)		\$1,830,450.30	\$1,050,000.00	\$1,800,000	\$2,224,347
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Door Where DCB Egg Harbor, Jacksonport, Washing Sister Bay (Sturgeon Bay?) Where 85 towers (DCB) None 9 miles in Jacksonport Where 900 towers currently constructing Edgerton, Si 4000 route miles	US Affordable Connectivity Program	N/A	Yes	Yes	Yes	Yes
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Where 900 towers currently constructing Edgerton, SI 4000 route miles	Fiber Presence in Door	Where	85 towers (DCB)	None	9 miles in Jacksonport	multiple municipalities with a fiber-
	Fiber Presence in WI	Where	900 towers	currently constructing Edgerton, Si	4000 route miles	tens of thousands of miles of fiber