

# Boulder Junction Broadband Expansion Update



***Businesses have  
symmetrical  
requirements - (ex.  
100/100MB) and  
speeds over 1GB.***

# How Much Speed Do I Really Need?

Here are some general download speed requirements based on everyday online activities:

- **Check email and browse the web:** 1-5 Mbps minimum
- **Stream HD content:** 15-25 Mbps minimum
- **Stream 4K content and play competitive online games:** 40-100 Mbps minimum
- **Stream 4K content, play online games, and download very large files:** 200+ Mbps minimum

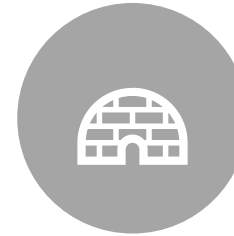
**The more connected devices, the more speed is required.**



# Tonight's Agenda



WHY?



WHAT?



OUTCOME



2020 OPTIONS



NEXT STEPS

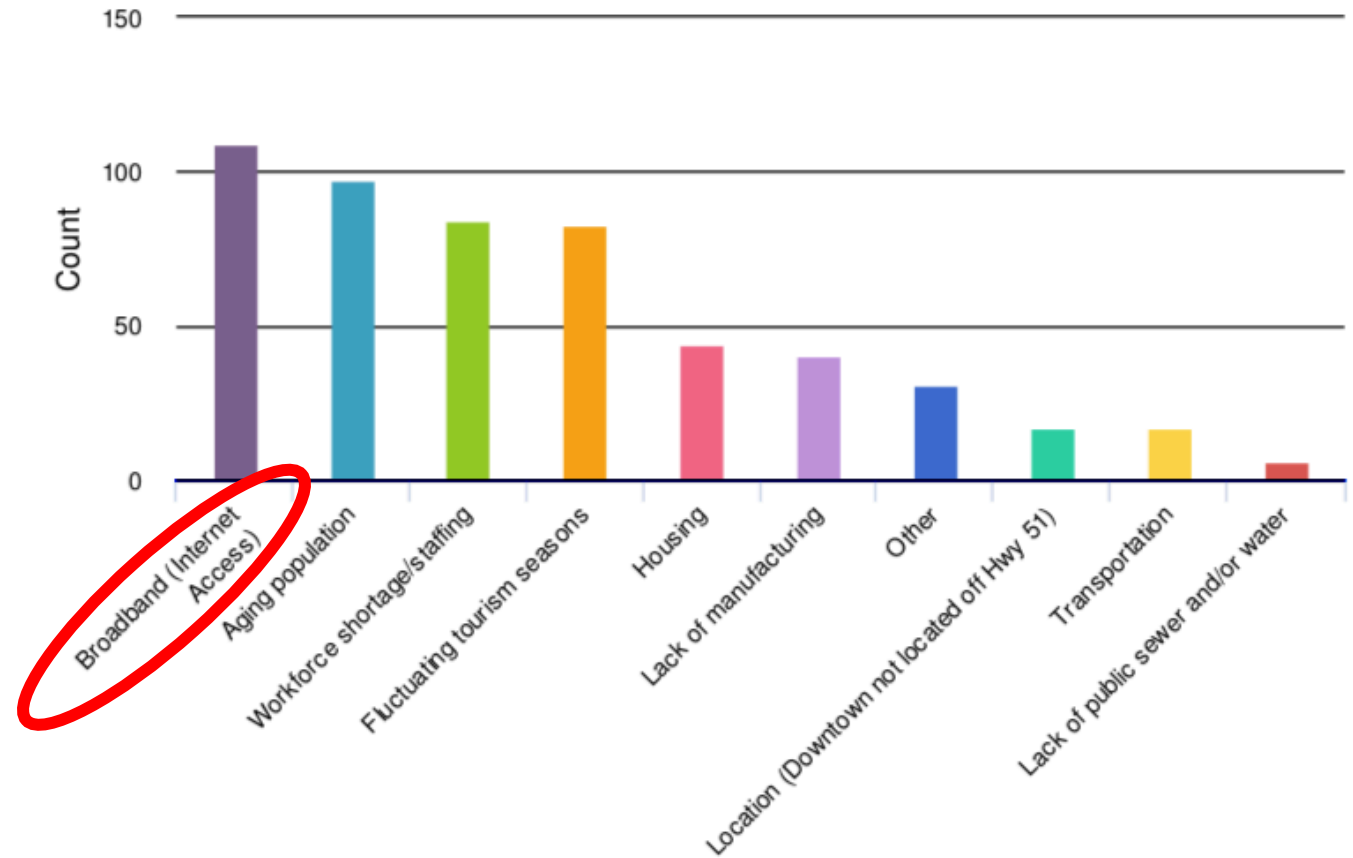


Q&A

# 2017 Economic Development Survey

- 169 Responses
- A Wealth of Information
- Business Develop Another Key Response

11. What do you see as Boulder Junction's economic challenges?  
(check all that apply)



# Why Investing in Broadband is Essential



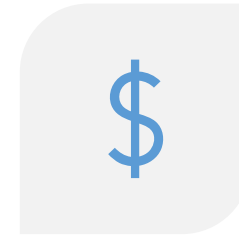
MARKET TOWN TO  
YOUNG FAMILIES,  
ENTREPRENEURS  
AND NEW  
ENVIRONMENTALLY  
FRIENDLY  
BUSINESSES



DEVELOPS NEW  
SUPPORT  
SERVICES &  
BUSINESSES FOR  
THE NEW  
ARRIVALS



STABILIZES AND  
DIVERSIFIES THE  
ECONOMY



INVESTS IN  
CHILDREN'S  
EDUCATION AND  
THEIR COMPETITIVE  
FUTURES THROUGH  
TELE-EDUCATION



KEEPS US IN OUR  
HOMES LONGER  
THROUGH TELE-  
HEALTH

BAYFIELD COUNTY  
**TELECOMMUTING  
OPTIMIZED**  
BAYFIELDCOUNTYEDC.COM

Relocate,  
telecommute  
and...

*Love where  
you work!*

- 1+ GIGABIT INTERNET  
BANDWIDTH AVAILABLE
- BUSINESS SITES AVAILABLE
- GREAT QUALITY OF LIFE

telecommuter  
**forward!**  
Community



**Bayfield County**

ECONOMIC DEVELOPMENT CORPORATION

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# Strategy

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- Develop objectives
- Design a multi-year plan
- Secure community support and commitment
- Create and leverage relationships with suppliers
- Research and apply for as many grants as possible
- Execute projects starting in 2019 or 2020
- Market Boulder Junction as a Broadband Community and Best Place to Live



# Working Objectives



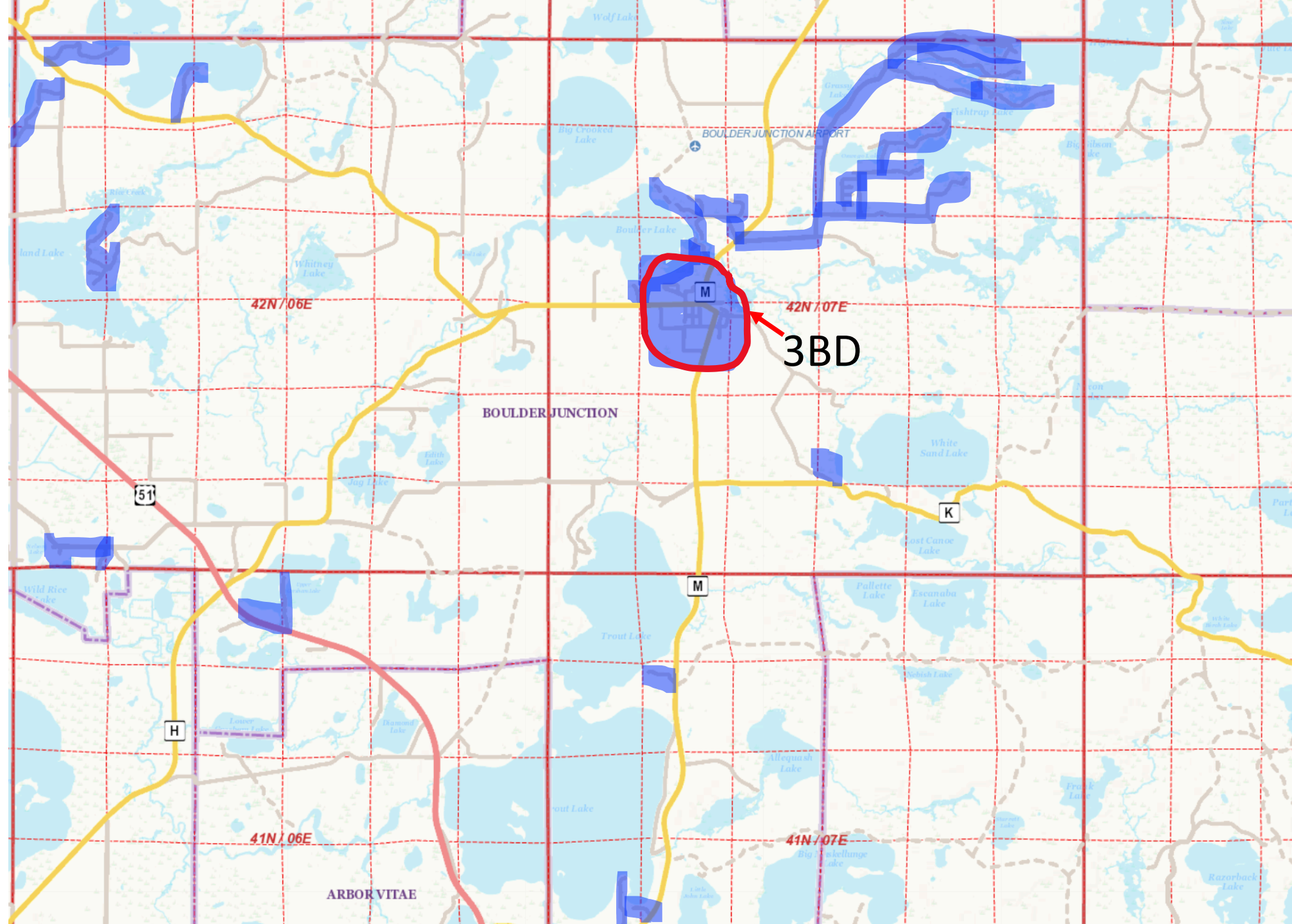
## 1GB+

Create a Boulder Broadband Business District (3BD) in Downtown Boulder Junction to market and attract new businesses by offering High Speed Broadband of 1GB or greater.



## 25MB

Achieve broadband coverage (25MB or greater) across 80 percent of the township providing businesses, residents, students, and visitors with fast and reliable Broadband ensuring the continued growth and vibrancy of our community.



Target  
Areas



# 2020 Options

## Zoning Districts

### General Zoning

- Agricultural (AG)
- All-Purpose (AP)
- Community Business (CB)
- Forestry (F)
- General Business (GB)
- Industrial (I)
- Multi-Family Residential (R-2)
- Planned Unit Development (PUD)
- Recreation (REC)
- Residential/Lodging (R/L)
- Single-Family Residential (R-1)

## 2020 Options

### Option 1

**Orange** zones signify new 100/10MB CenturyLink (CL) service (2 Nodes)

### Option 2

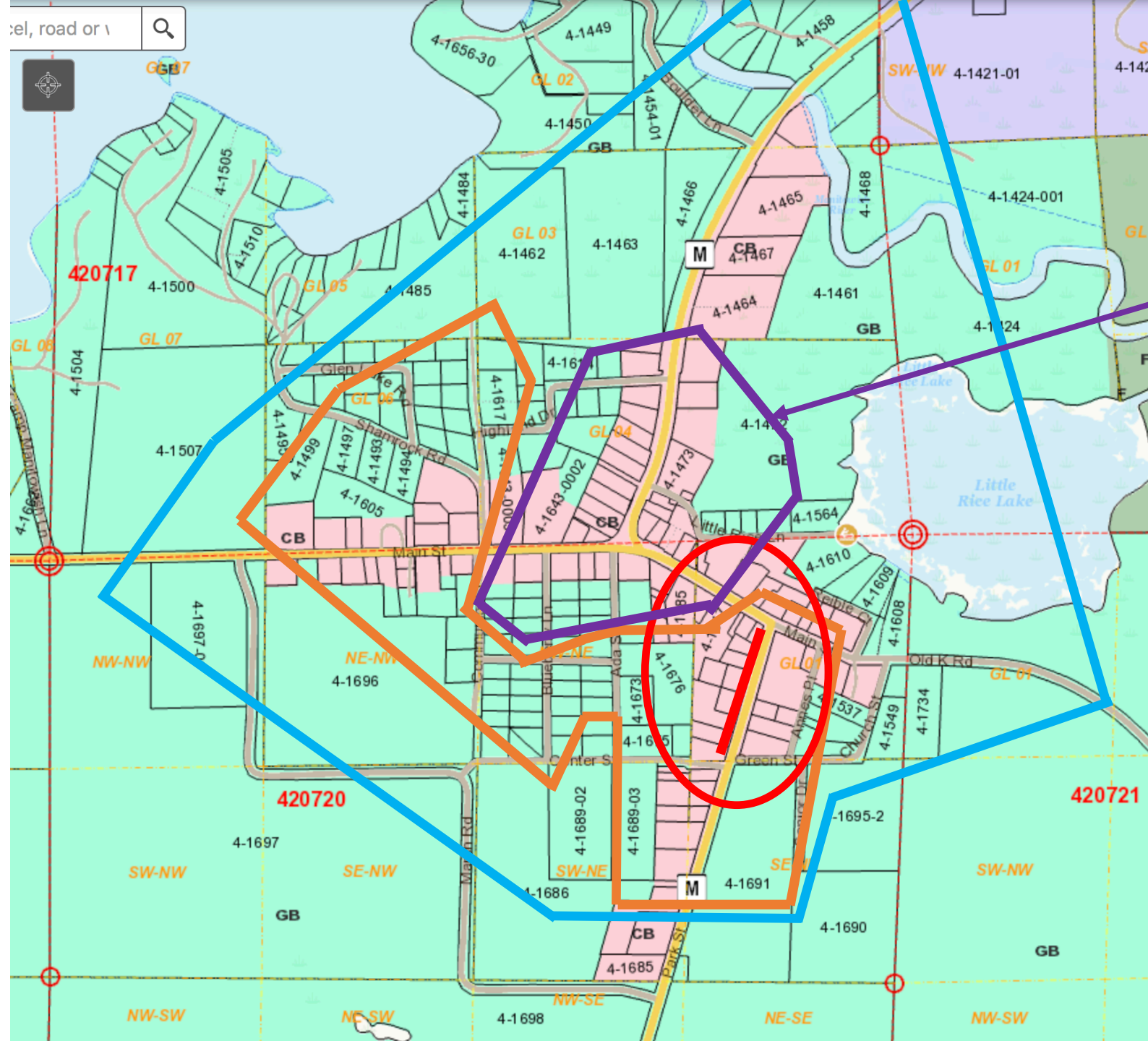
New Fiber – 1GB+ CL service to Business District

### Option 3

Both Options 1 and 2

## Benefits

- Fiber (1GB+) to 53 parcels (High Speed Internet)
- New 100/10MB service district – 143 Parcels
- All parcels in blue – service increase to 40/2MB+



Existing CL 100/10MB service and potential for 1GB+ business service



# Next Steps





# Questions and Answers

Tuesday, August 20  
6:30PM to 8:30PM  
&  
Thursday, August 22  
10:30AM to 12:30PM  
Community Center