



Christian County Commission

100 West Church St, Room 100
Ozark, MO 65721

SCHEDULED

MEETING ATTACHMENTS (ID # 5345)

Meeting: 05/31/22 10:30 AM

Department: County Clerk

Category: Meeting Items

Prepared By: Paula Brumfield

Initiator: Paula Brumfield

Sponsors:

DOC ID: 5345

Meeting Attachments

ATTACHMENTS:

- 053122 CERTIFIED COURT ORDER NO. 05-31-2022-01 (PDF)
- 053122 BROADBAND DISCUSSION - Update (PDF)

The Treasurer is hereby ordered to pay the following entities:

RECEIVED

MAY 19 2021

KAY BROWN
COUNTY CLERK

@ 9:20
TB

CART

May 19, 2022

Receipt #: 5536

April 2022 Term

AMOUNT RECEIVED		222-43354	161,276.80	Check #
BRIDGE		15.00%	24,191.52	
	ROAD MILES			
COMMON 1	297.51	29.67%	47,850.82	
COMMON 2	280.69	27.99%	45,141.38	
BILLINGS SPECIAL	103.25	10.30%	16,611.51	
GARRISON SPECIAL	24	2.39%	3,854.52	
OZARK SPECIAL	102.97	10.27%	16,563.13	
SELMORE SPECIAL	27.5	2.74%	4,418.98	
SOUTH SPARTA SPECIAL	11.1	1.11%	1,790.17	
STONESHIRE	5.3	0.53%	854.77	
TOTAL ROADS	852.32	100.00%	137,085.27	
TOTAL BRIDGE			24,191.52	
TOTAL DISBURSED			161,276.80	

Absent

Presiding Commissioner Ralph Phillips

Hosea Bilyeu 5-31-22
Western Commissioner Hosea Bilyeu

Lynn Morris 5/31/22
Eastern Commissioner Lynn Morris

IN TESTIMONY WHEREOF I, have hereunto set my hand and affixed the seal of said Commission, at my office in Christian County this, the 31st day of May, 2022.



Kay Brown
Kay Brown, Clerk of the County Commission



**White River Valley
Electric Cooperative**
A Touchstone Energy[®] Cooperative 

BROADBAND DISCUSSION

WRVEC & County Commissions

ABOUT US

Nonprofit Cooperative founded on the 7 co-op principles:

- Voluntary & Open Membership
- Democratic Member Control
- Member Economic Participation
- Autonomy & Independence
- Education, Training & Information
- Cooperation Among Cooperatives
- Concern for Community

Brings electricity to residents in southwestern Missouri since 1939.

Currently serves over 2,500 square miles that crosses five counties in the region.

Service over 44,000 meters and 5,300 miles of energized line.

EDUCATION

Teachers, students, and parents needing support for remote learning

EMPLOYMENT

Workers and organizations needing capabilities to support remote work

HEALTHCARE

Clinics needing support to maintain medical records/operations

FIRST
RESPONDERS

Need increased communication abilities to support safety measures

SITUATION COVID

PROBLEM

NO INTERNET

No availability in the area

LIMITED AVAILABILITY

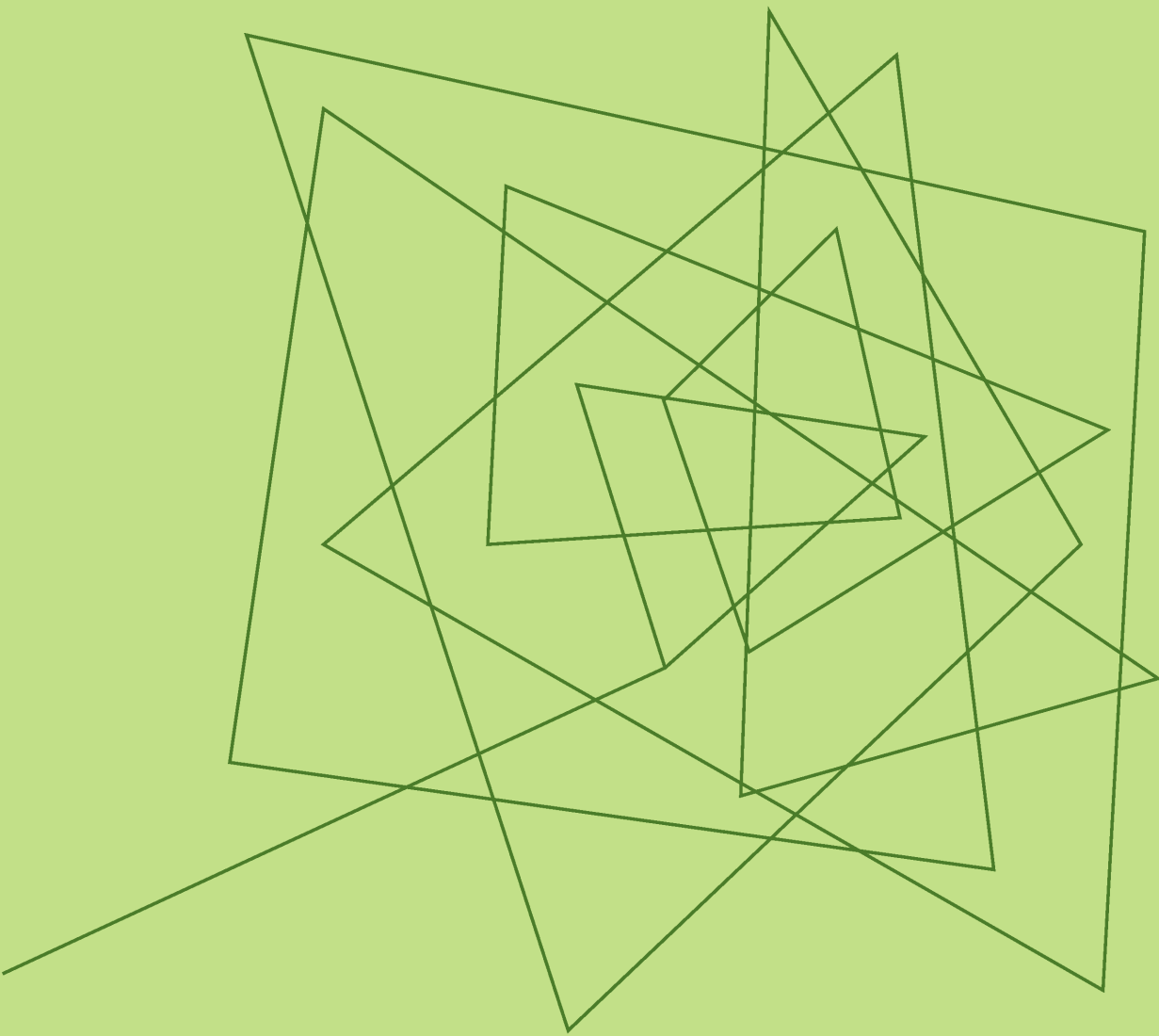
Only a portion of the area served

SLOW SPEEDS

Oversold and under-delivered

LIMITED RELIABILITY

Clutter and noise hinder service



SOLUTION...

BROADBAND

BENEFITS

Economic vitality and increased overall liveability that supports

- Smart Ag
- Weather Sensors
- Traffic Lights
- EV/Solar Charging
- Utility Metering
- Security & Surveillance
- Acoustic Sensors
- Digital Signage
- Waste Management
- Remote Work
- Remote Learning
- Online banking
- Streaming services



STUDY

Population

Density by area

Technology Choice

Satellite, FTTH, Fixed Wireless

Physical Plant

Deployment choices, cost per unit, miles, site

Competition

Take rate and revenue per user

Operating Model

Ongoing costs, employees, operations



BUSINESS CASES

BACKBONE

Serve as area network

PILOTS

Test areas for sustainability and take rates

FTTH NETWORK

Full fiber to entire service territory



CURRENT COMPANIES & SPEED

Suddenlink

Centurylink

Mediacom

AT&T

Total Highspeed

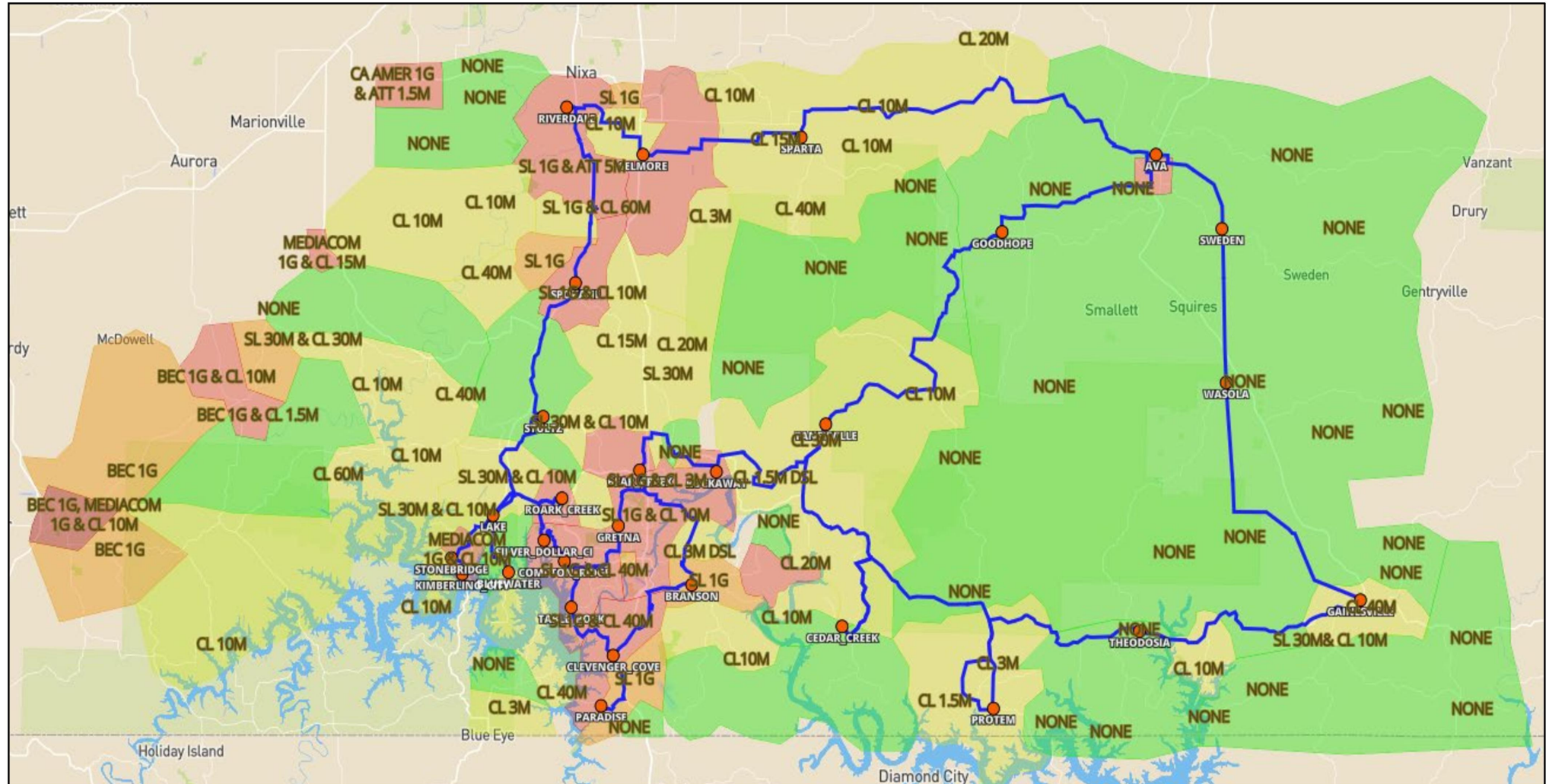
Wisper

1MBPS – 1GBPS CLAIMED

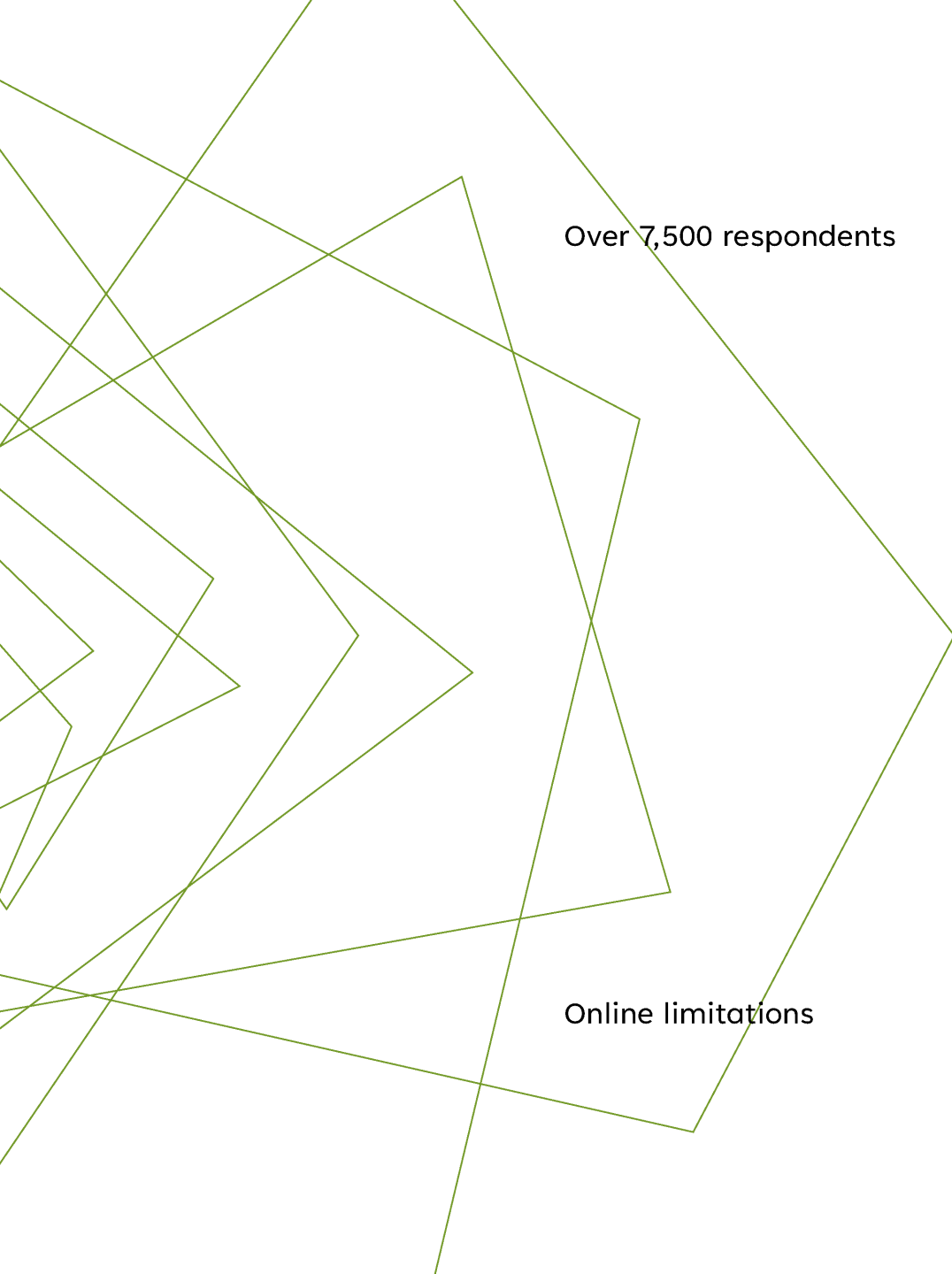
MOST 1-10MBPS DELIVERED

*Prime reason why monies are available

COMPETITIVE AREA MAP



* Reported vs. actual



Over 7,500 respondents

Online limitations

SURVEYS

CHRISTIAN

18% - No service | 93% - Interested in service from White River

DOUGLAS

29% - No Service | 94% - Interested in service from White River

OZARK

39% - No Service | 93% - Interested in service from White River

TANEY

18% - No Service | 91% - Interested in service from White River

STONE

15% - No Service | 92% - Interested in service from White River

BARRIERS

COST

Largest investment since co-op was established

TERRAIN

Rock, hills, hollers

SUPPLY CHAIN

Limited product availability

CONTRACTORS

Limited workforce availability

FINANCIALS

This potential project is not a revenue generating venture. The sole purpose is to provide essential internet service to homes and business that unserved or underserved.

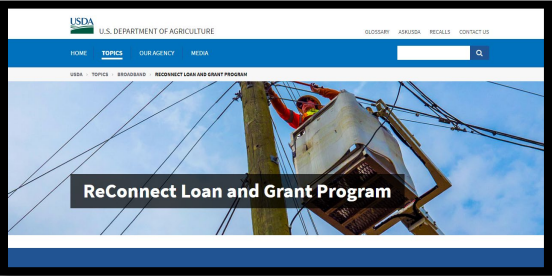
Total project cost approx.

\$232 MILLION

Minimum time to breakeven

15 YEARS

GRANTS & PROGRAM OPPORTUNITIES



ReConnect
USDA



ARPA
Local
State
Capital Projects



Infrastructure
Federal Funds



EBB & ACP
FCC
Economically Disadvantaged

SERVICE OPTIONS

Speed	Price
100Mbps/100Mbps	\$69.99
500Mbps/500Mbps	\$79.99
1Gbps/1Gbps	\$99.99

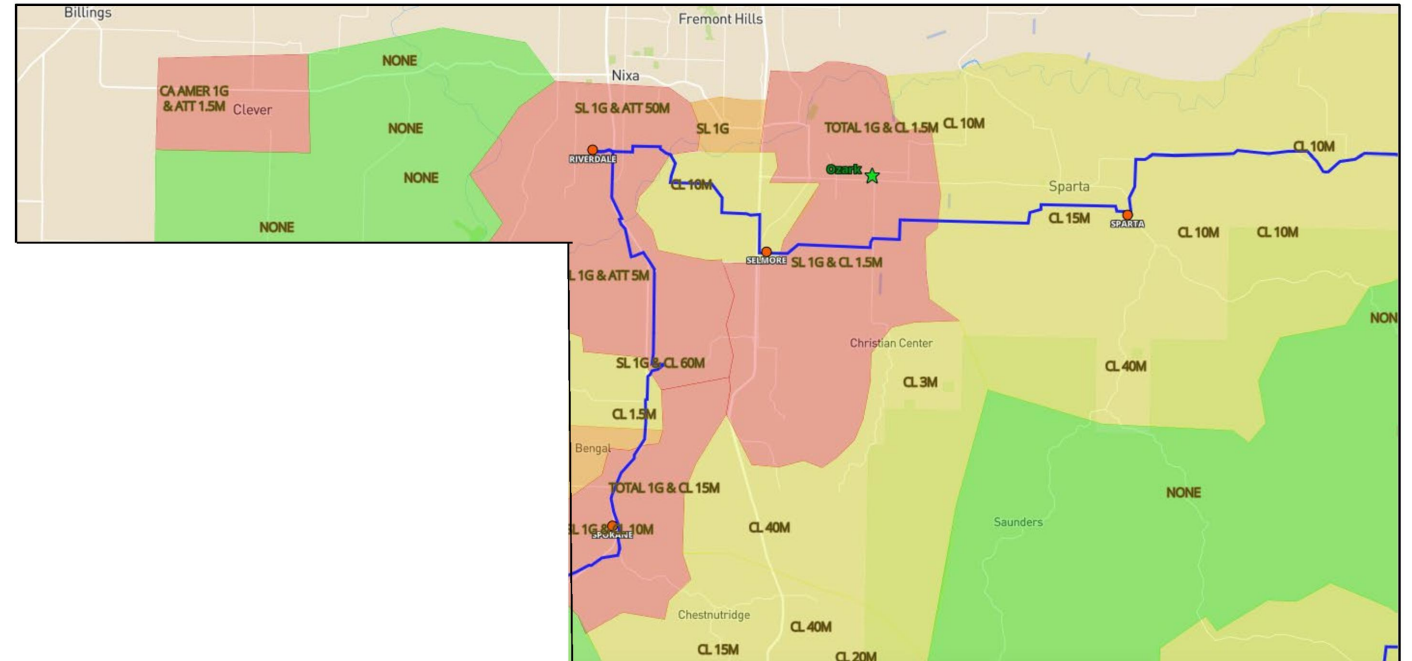
CHRISTIAN CO. COVERAGE

- 5 providers
- None – 1Gbps
- Most underserved w less than 3M service

Minimum Coverage 19%

5,903 HHs

\$3.3M of \$17.2M



NO FINANCIAL SUPPORT OR LETTER OF RECOMMENDATION GIVEN.

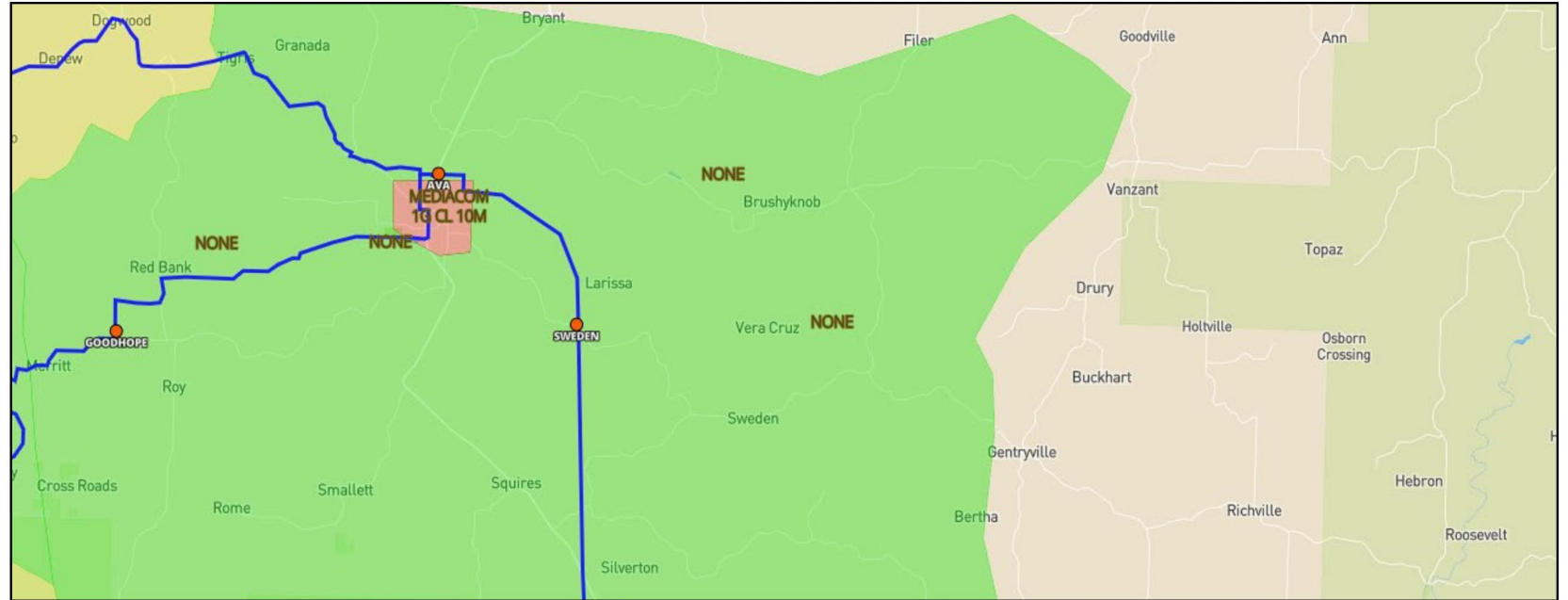
DOUGLAS CO. COVERAGE

- 2 providers
- None – 10Mbps
- Most completely without service

Minimum Coverage 69%

3,535 HHs

\$1.7M of \$2.5M



**COMMITTED TO FINANCIAL SUPPORT AND/OR
SUBMITTED LETTER OF RECOMMENDATION.**

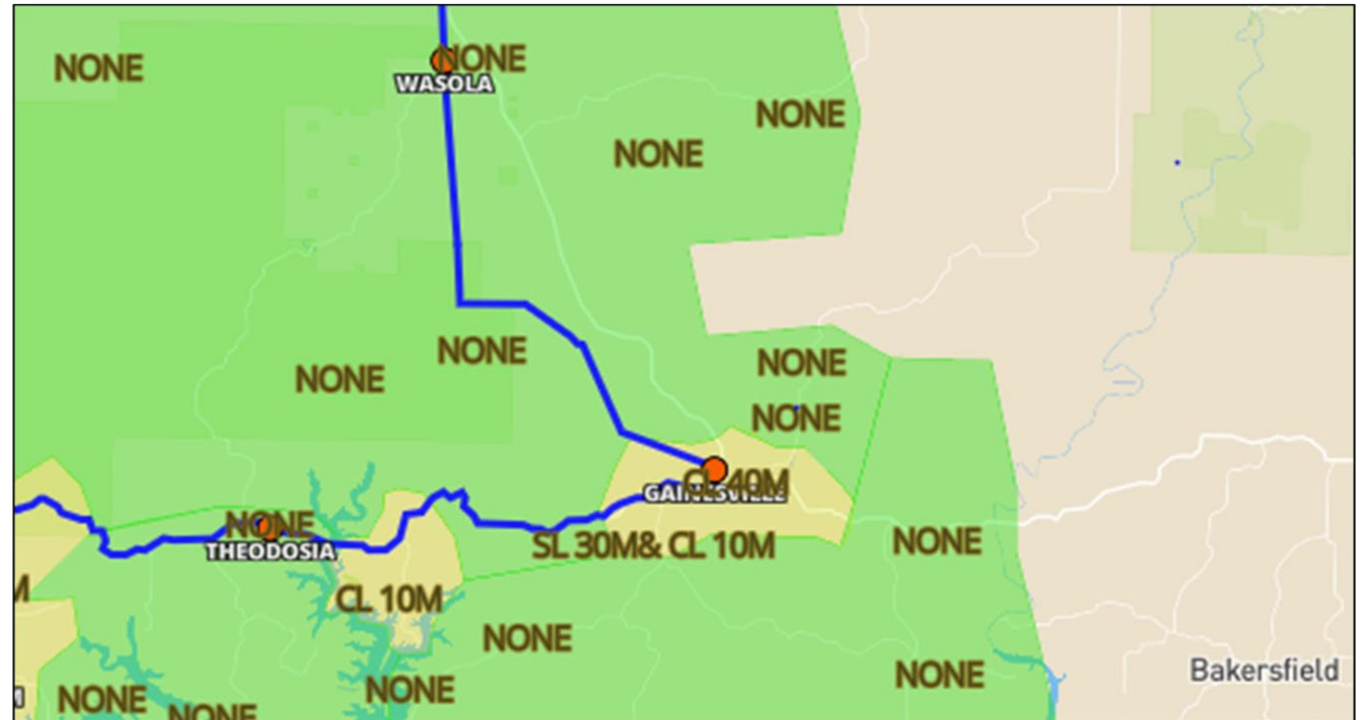
OZARK CO. COVERAGE

- 2 providers
- None – 30Mbps
- Most completely without service

Minimum Coverage 91%

3,606 HHs

\$1.5M of \$1.7M



**COMMITTED TO FINANCIAL SUPPORT AND/OR
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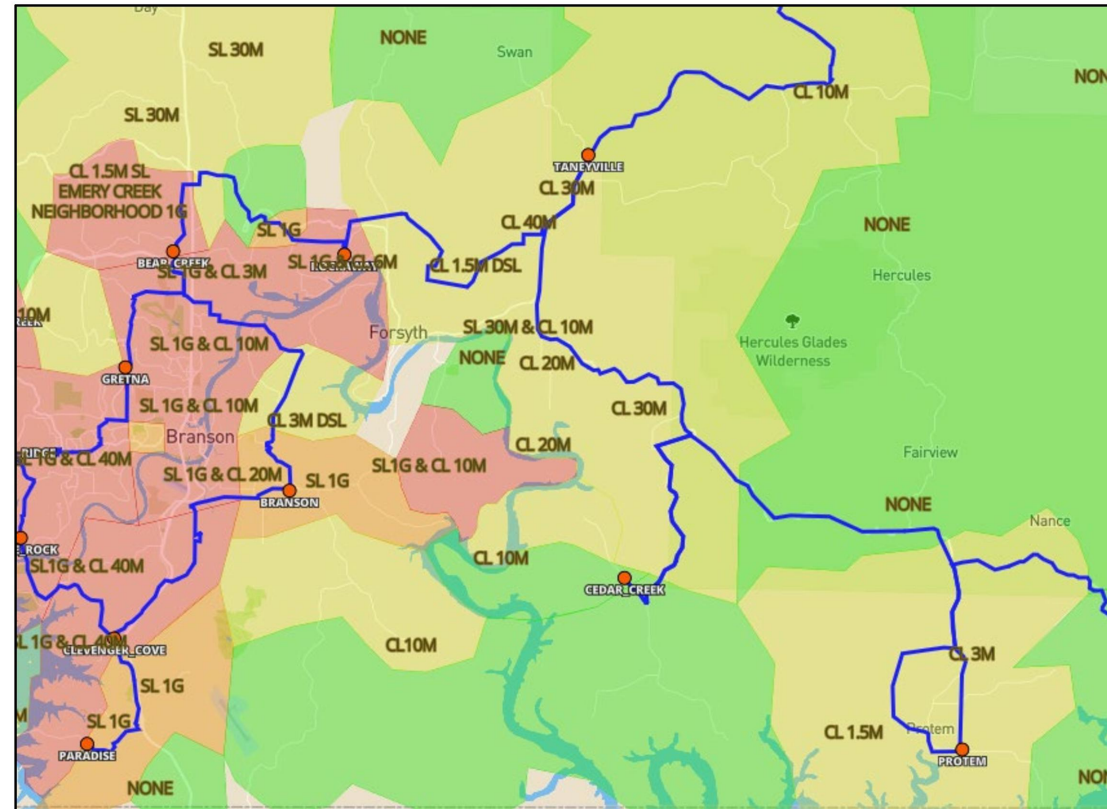
TANEY CO. COVERAGE

- 2 providers
- None – 30Mbps
- Most underserved with less than 3Mbps

Minimum Coverage 52%

11,653 HHs

\$5.6M of \$10.8M



**COMMITTED TO FINANCIAL SUPPORT AND/OR
SUBMITTED LETTER OF RECOMMENDATION.**

STONE CO. COVERAGE

- 4 providers
- None – 1Gbps
- Most underserved with less than 3Mbps

Minimum Coverage 70%

8,769 HHs
\$4.3M of \$6.2M



COMMITTED TO FINANCIAL SUPPORT AND/OR SUBMITTED LETTER OF RECOMMENDATION.



IN SUMMARY

This is a game-changing opportunity for all five counties that will support sustainability and growth in our local economy.

To move forward in our pursuit of grant funding for this project, IT IS VITAL we have your support.

The project **cannot happen** without necessary funding.

The project **cannot happen** without proof of local support.

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SUPPORT

Letter of Support

Chambers, EDOs, Schools, Municipalities, Counties, Neighborhood Assoc, Banks, Council of Govt, Legislative – House/Senate, Congressional Reps, Media, Healthcare, General Business, Residents, Tourists

Local ARPA Contribution

All grant applications require a match of funds to secure a larger portion of monies. Currently, three of the five counties we serve have earmarked funds for broadband.