BUILDING GIGABIT AMERICA

Macon County, North Carolina
November 14, 2023

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Frontier is committed to building Gigabit America

New leadership team is accelerating fiber builds and investing in communities across America

Re-built senior leadership, team has a strong record of:

1	Operational Excellence
2	Financial Responsibility
3	Consumer-Centric

*** Record High NPS score**

Strong progress on our goal to build 10M fiber locations by 2025

Built fiber to **322k locations** in Q3 2023; on track for 1.3 M locations in 2023

Positive consumer revenue – first time since becoming a new public company
$3.4 B of liquidity, no significant debt maturities before 2027

Added **79K** fiber broadband customers in Q3 2023; ~20% increase YOY

Ranked Among Fastest Internet In U.S.*

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*According to Ookla Speedtest results Q2 2023.

Frontier fiber is technically superior to cable and wireless

Fast, reliable, secure — a future-proof investment in your community

Blazing fast residential speeds up to 5 Gbps

- Symmetrical speeds that are 10-20x the bandwidth of common cable and fixed wireless offerings
- First to launch 01/30/2023

Better Performance

- Light-speed transmission of data reduces lag in streaming, video chat, and other high bandwidth applications
- Frontier's fiber service is 99.97% reliable, equating to an average downtime of 2.5 hours per year

Future-proof technology

- Scalable up to 10Gpbs to keep up as data needs evolve over next 20+ years
- Completed first ever trial of 25G PON technology
  - Speeds are 2.5x higher by adding new optics

GPON, XGS-PON and 25G PON operate on different wavelengths so, they can co-exist on the same fiber, avoiding future builds

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Frontier fiber benefits the community as a whole

Connectivity that delivers measurable economic and social benefits

Higher Quality of Life

- Better learning outcomes for students
- Improved healthcare access
- Enhanced recreational activities
- Supports better Public Safety access – NextGen911

Increased Economic Vitality

- Increased job opportunities and stronger wage growth
- Higher rates of new business formation
- Lower unemployment rates

Strengthened Communities

- Stronger tax base
- Higher Property Values
- Increased connection via connectivity
- Improved provision of and access to local services

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Current Core Gig Offer

Multiple speed tiers and value-added services to meet every customer's needs and budget

- YouTubeTV
  - Multiple packages and options
- Whole-Home Wi-Fi – Eero mesh extenders
- Eero Secure
  - Online protection and enhanced parental controls
- Digital Voice
- My Premium Tech
  - Live tech support for all internet and connected technology needs
- Homeshield Elite
  - Identity and multi-device security, plus password manager

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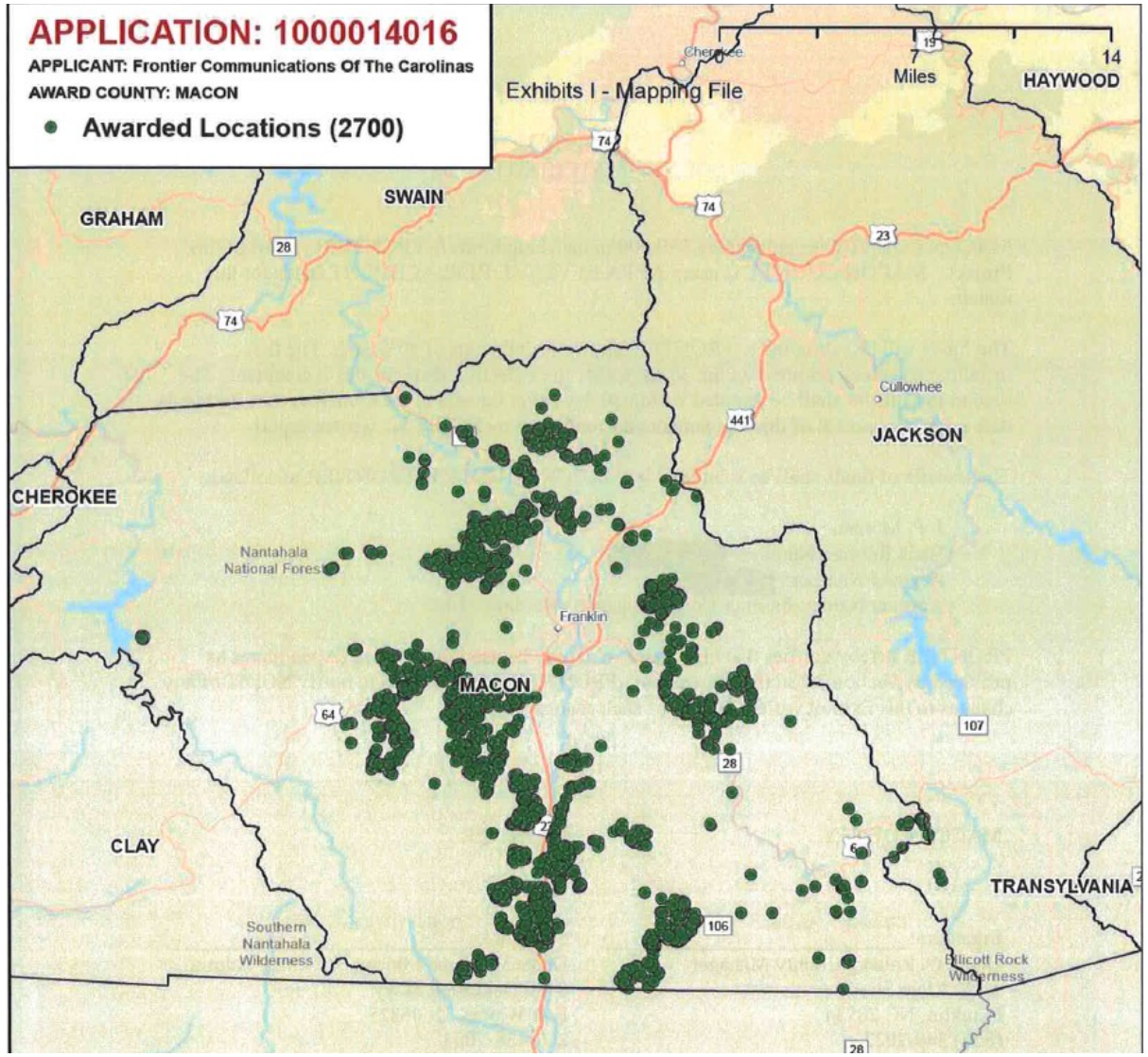
Growing Rural Economic with Access to Technology (GREAT) Grant

Macon County Project Detail



Locations	2,700
GREAT Grant Award	$3,769,603
County ARPA funds	$50,000
Frontier Contribution	$615,224
Total Project Cost	**$ 4,434,827**

Project Timeline

Frontier will leverage a concurrent workflow for project activities to support a 24-month build timeline

Signed Agreement + 30 Days

Contract Execution
May 10, 2023

- Identify Priority Areas
- Issue Network Plans
- Initiate Environmental Assessment
- Vendor Selection for Buried Construction

Signed Agreement + 30 - 240 Days

Detailed Design
Jun – Dec 2023

- Initiate Environmental Action as Necessary
- Design Low Level Routes
- Complete Make-Ready Engineering
- Submit All Permit Applications
- Create Bill of Materials & Order Materials

Underway

Signed Agreement + 180 - 625 Days

Construction
Oct 2023 –Jan 2025

- Notify Residents via Door Hangers
- All permits approved
- Perform Make Ready Construction
- Place Strand, Conduit, Fiber
- Splice & Test Fiber

Signed Agreement + 540 - 700 Days

Network Activation
Oct 2024 – Mar 2025

- Install Network Equipment
- Test & Activate Network Electronics
- Start Marketing Activities
- Start Customer Installations – locations will be opened for sale on a rolling basis throughout this period

Signed Agreement + 570 – 730 Days

Project Closeout
Nov 2024 – May 2025

- Continue Restoration Activities
- Closeout Permits & Submit Project Documentation
- Continue Marketing
- Continue Customer Installs
- Project Completion by Day 730

Project History

- 05-03-22 Frontier & Macon County execute a Memorandum of Understanding
- 05-04-22 Grant application filed funding application to NCDIT
- 08-18-22 Updated grant application submitted
- 08-30-22 Notification of grant award
- 05-10-23 **Effective Date** of Project - Frontier, Macon County & NCDIT execute Grant Agreement

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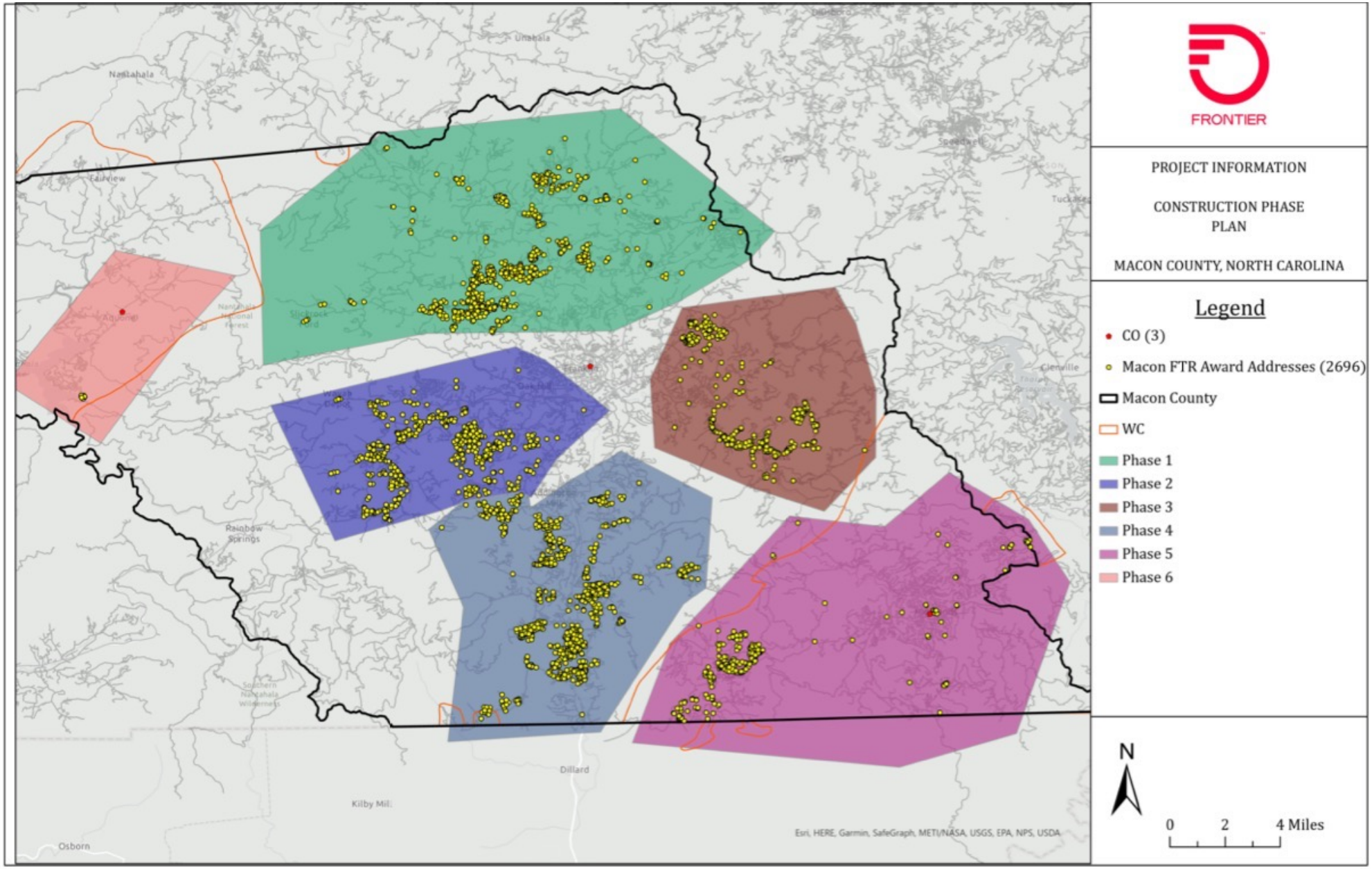
Projected Construction Phases



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Upcoming Grant Opportunities

Significant additional funding is available to connect unserved and underserved locations

- **Completing Access to Broadband (CAB) program**
  - $400 Million
  - Currently requires significant local match
  - 100/100 Mbps
- **Stop-Gap Funding**
  - $90 Million
- **BEAD – Broadband Equity, Access, & Deployment Program**
  - $1,532,999,481

Statewide Eligibility

Grant Eligible*	Number
Unserved	374,412
Underserved	127,956
Total	**502,368**

Macon County

Grant Eligible	Number
Unserved	3,405
Underserved	1,282
Total	**4,687**

* Based on December 2022 FCC Broadband Data Collection; North Carolina has identified an additional 115k locations since December 2022 data published that would be eligible for BEAD funding.

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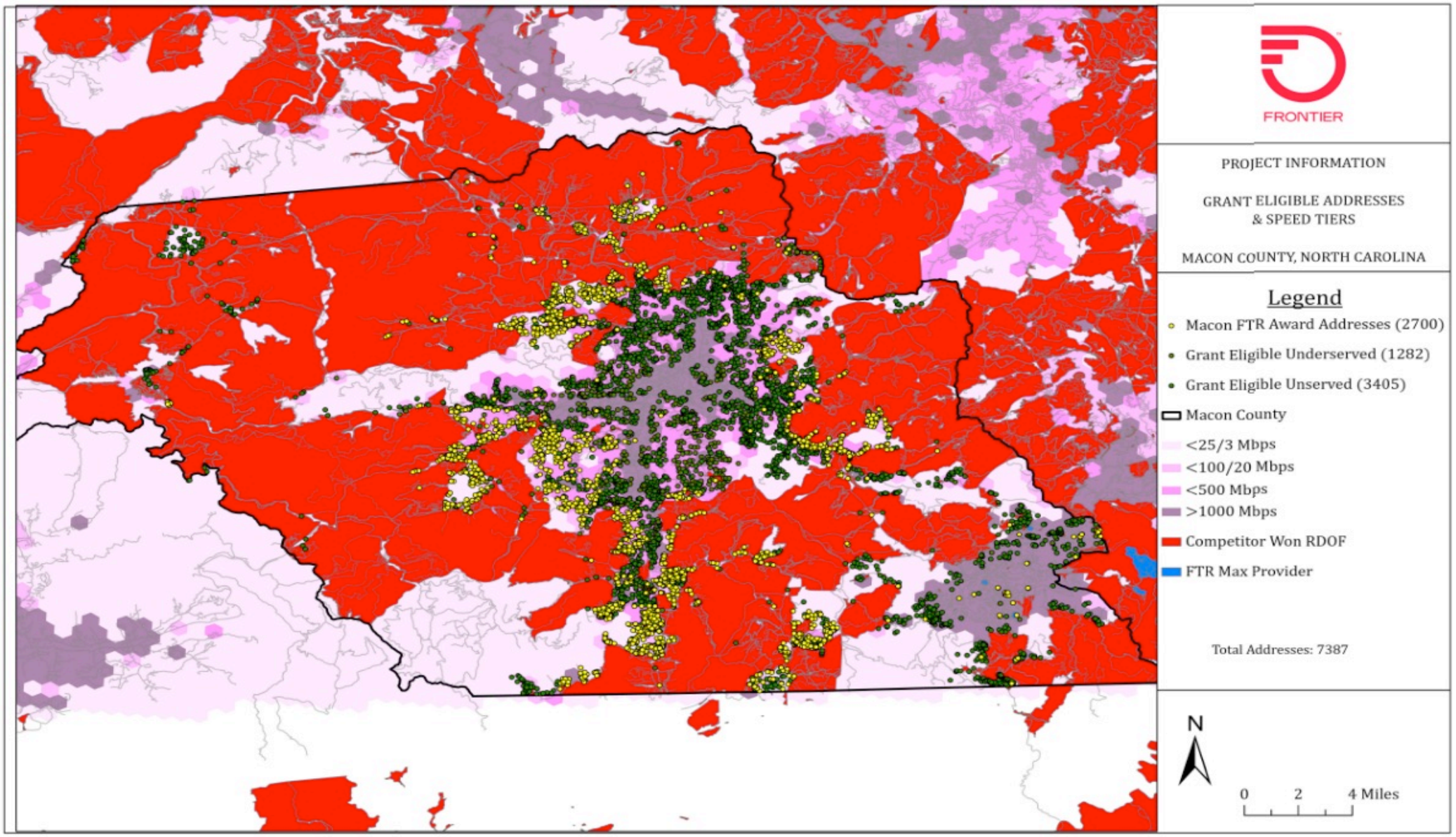
Macon County Location/Speed Distribution



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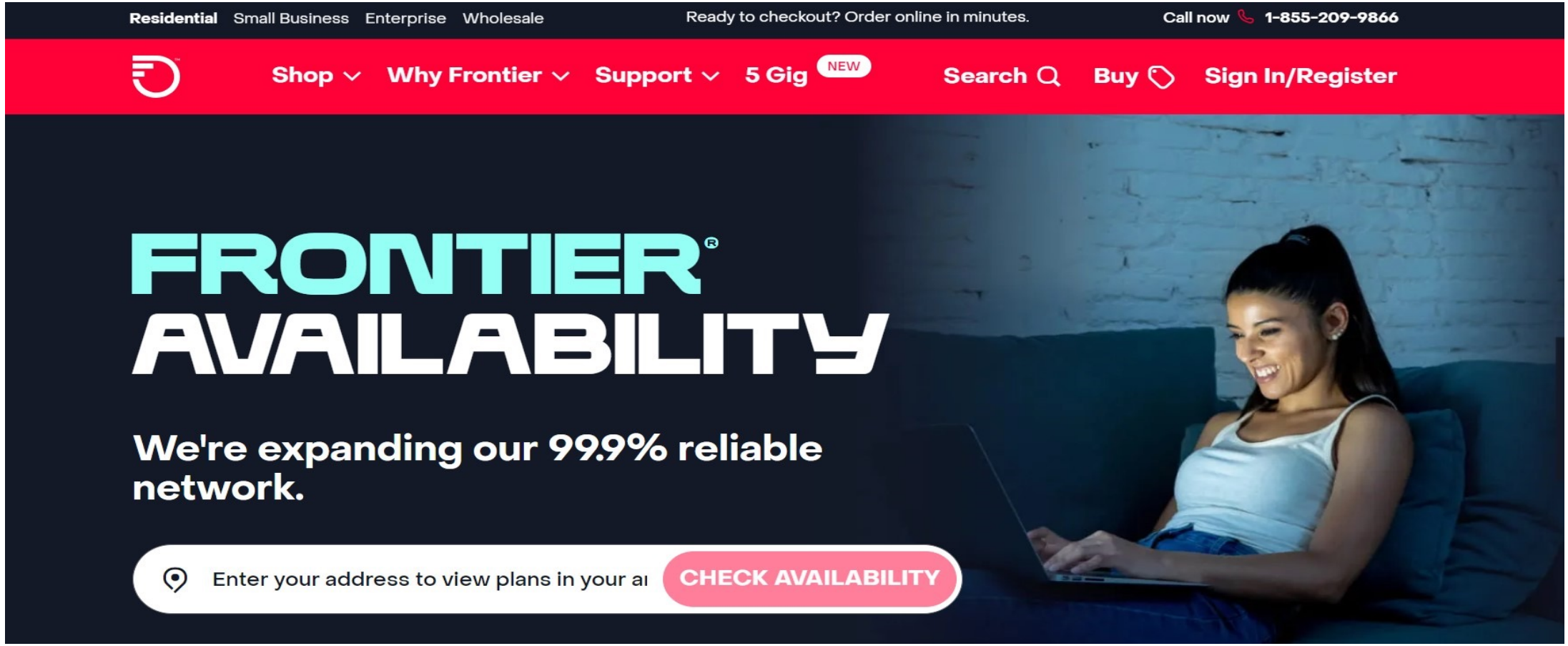
Determine Frontier Fiber Availability

Go to the following link & input your address: https://frontier.com/local



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