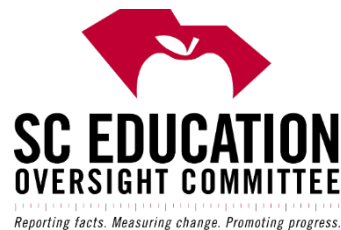

SC Education Oversight Full Committee Meeting

April 8, 2024



Approval of Full Committee Minutes February 12, 2024

Dr. Brian Newsome, EOC Vice Chair



**SC EDUCATION
OVERSIGHT COMMITTEE**
Reporting facts. Measuring change. Promoting progress.

Special Guest Presentation: Status of Broadband Connectivity for South Carolinians

Jim Stritzinger, Director SC Broadband Office, ORS

Tom Allen, Chief Technology Officer, ORS



**SC EDUCATION
OVERSIGHT COMMITTEE**

Reporting facts. Measuring change. Promoting progress.



**BROADBAND
OFFICE**



Broadband | The Road Ahead

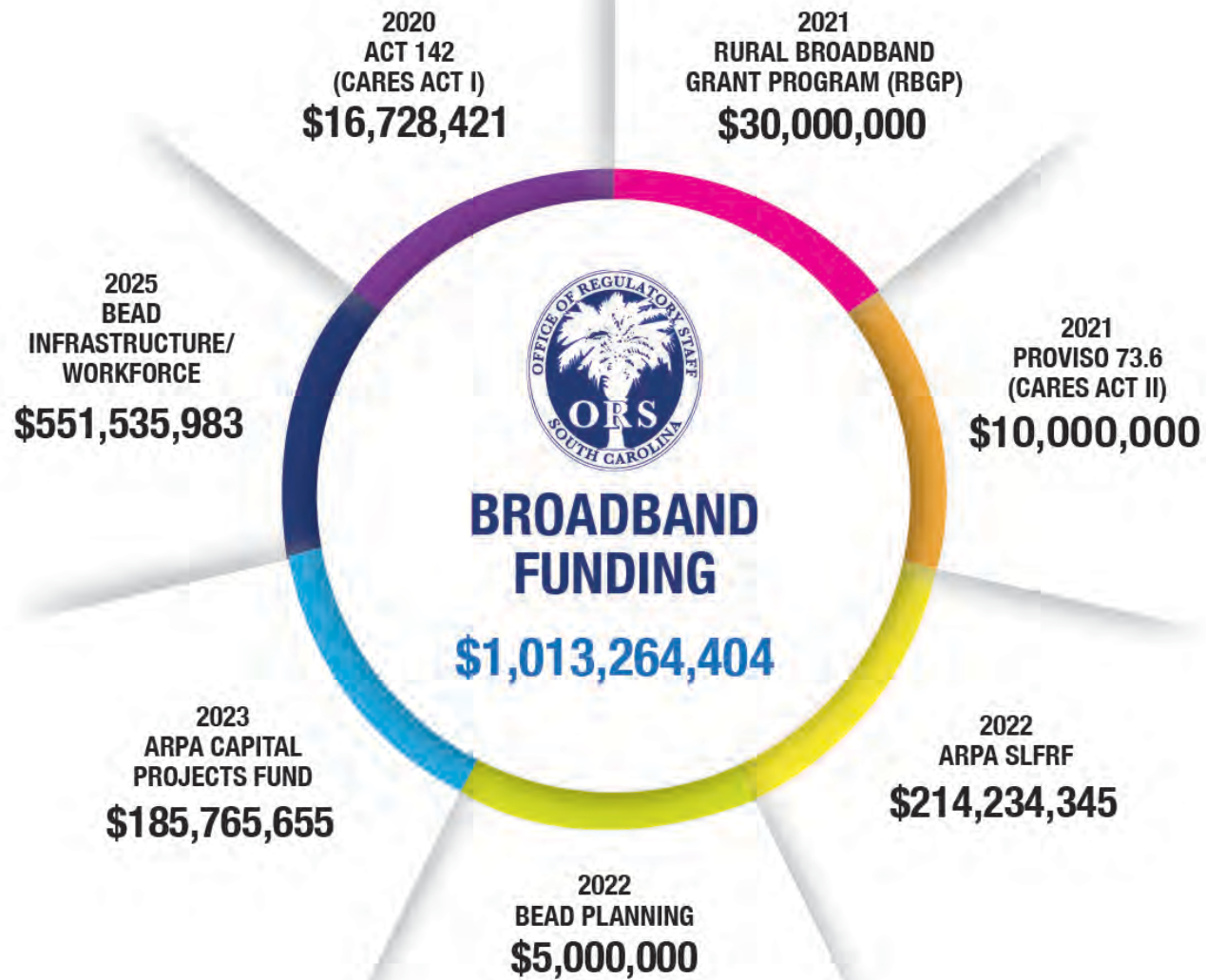
Closing the SC Digital Divide

South Carolina Office of Regulatory Staff | April 8, 2024



2023 Awards

- Esri | Special Achievement in GIS
- SC Information Technology Director's Association | Innovation Award



SCBBO Invests to Eliminate the Main Street Digital Divide



**BROADBAND
OFFICE**

For Immediate Release
January 31, 2024

***SCBBO Completes \$185.1 Million
CPF Investment Round, Launches
ARPA 3.0 Grant Program***



**BROADBAND
OFFICE**

For Immediate Release

February 12, 2024



SOUTH CAROLINA DIGITAL DRIVE

Tools and resources to inform consumers and stakeholders

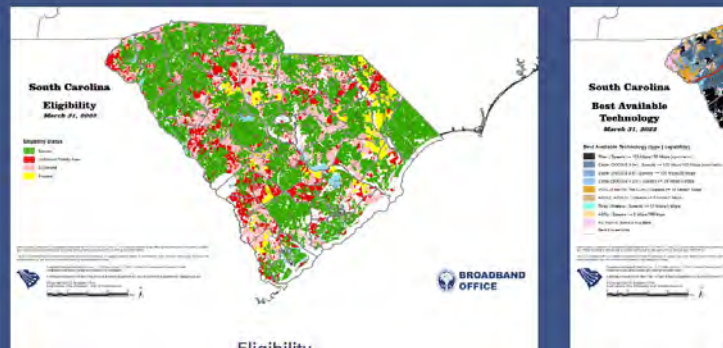
Don't have access to internet? Take the [Need Internet](#) survey

Search for maps by county and type

Current Total Housing Units
With At Least
25↓ Mbps / 3↑ Mbps Service
2,164,673*

Current Total Housing
Without
25↓ Mbps / 3↑ Mbps S
181,715*

Explore
Maps



SC Broadband County Dashboard March 2022

Private Member
Private Organization

Summary

The Dashboard allows users to view general broadband statistics at the SC county level. Much of the data reflected in the Dashboard is based on Federal Communication Commission data submissions. The Dashboard uses data from Internet Service Providers (ISPs). Dashboard data is updated periodically - At a minimum 2 times per year. For questions about the Dashboard data, please contact State Broadband Office.

Read More

View Full Details

Details

- Dashboard Dashboard
- June 17, 2022 Date Updated
- June 15, 2022 Published Date
- Public Anyone can see this content
- No License Provided Request permission to use

SC Broadband Dashboard March 2022 Data

Percent of Housing Units in a Census Tract 03/2022

- > 99.01% - 100%
- > 97.01% - 99.00%
- > 75.01% - 97.00%
- > 60.01% - 75.00%
- 0% - 60.00%

Percent of Residential Addresses Served by Fiber in Statewide: **39.26%**

Percent of Residential Addresses Served by Cable in Statewide: **54.09%**

Percent of Residential Addresses Served by Copper in Statewide: **4.22%**

Percent of Residential Addresses Unserved in Statewide: **7.74%**

Estimated number K-12 Students: **44,041**

Total number of Funded Households: **56,218**

Total number of Unserved Households That DON'T meet 25↓ Mbps / 3↑ Mbps: **181,715**

Total number of Served Households That meet the Min 25↓ Mbps / 3↑ Mbps: **2,164,673**


Powered by Esri

South Carolina






Planning

December 31, 2024

Speed Tiers (download / upload)

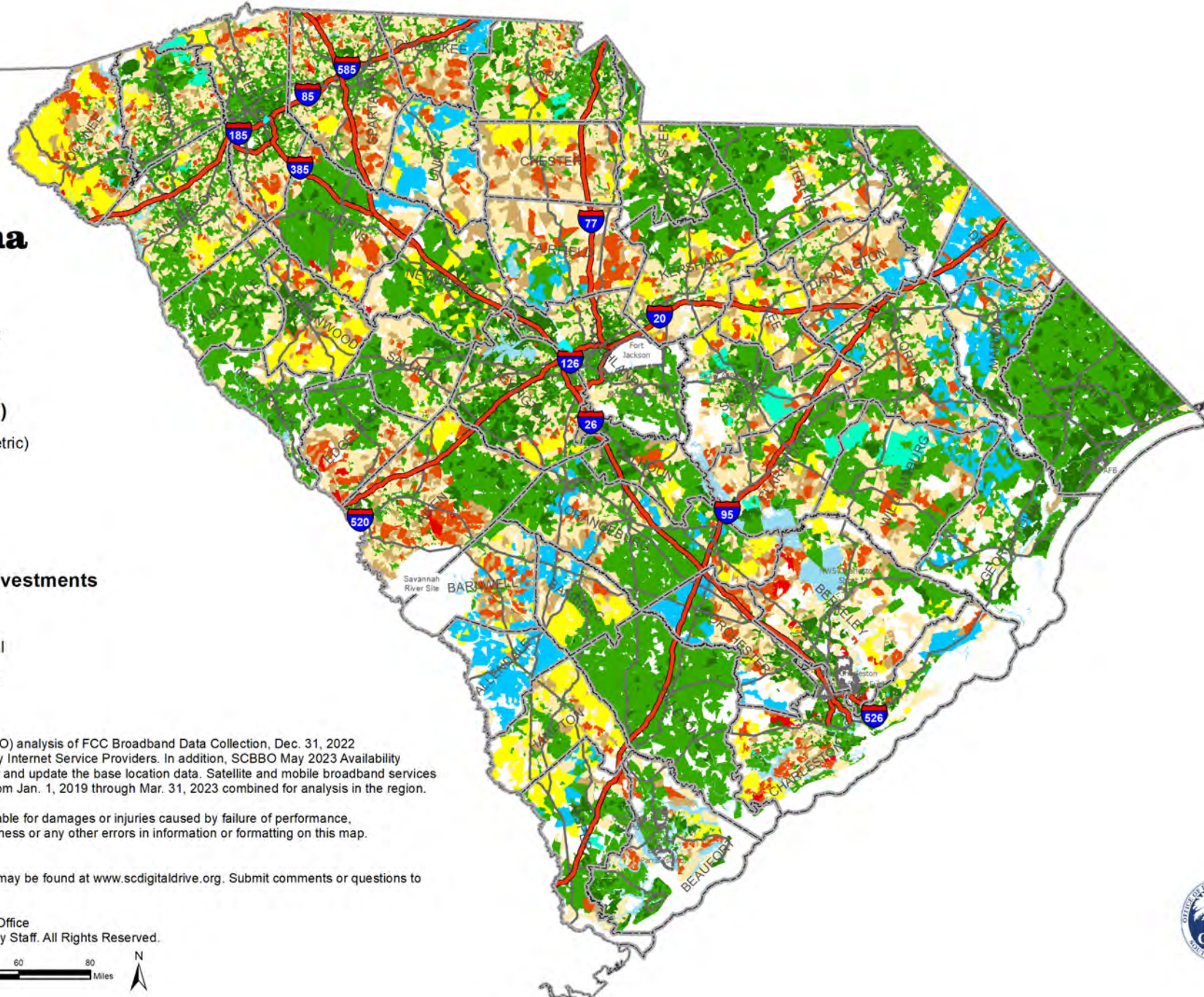
-  >= 100 Mbps / 100 Mbps (symmetric)
-  >= 100 Mbps / 20 Mbps

Unserved Housing Units

-  100 or More
-  26 - 99
-  11 - 25
-  1 - 10
-  Zero

Managed Investments

-  State
-  Federal
-  Private

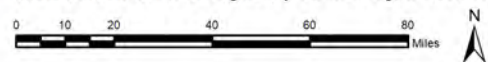


Data Sources: Based on SC Broadband Office (SCBBO) analysis of FCC Broadband Data Collection, Dec. 31, 2022 submissions that were provided directly to our office by Internet Service Providers. In addition, SCBBO May 2023 Availability Challenge information has also been used to augment and update the base location data. Satellite and mobile broadband services are excluded. Ookla® Speedtest Intelligence® data from Jan. 1, 2019 through Mar. 31, 2023 combined for analysis in the region.

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**BROADBAND
OFFICE**

What are Priority Areas?

Unserved/Underserved 2020 Census Blocks with:

1) K-12 student households; **or,**

- ✓ Broadband maps include data from 785,000+ public school students that was provided by SC Department of Education

2) Difficult Development Areas as identified by US Housing and Urban Development (HUD); **or,**

- ✓ Defined geographies that are updated annually by HUD and are the basis for deploying Community Development Block Grants (CDBG) in the United States.

3) No Internet Service Provider

- ✓ FCC Broadband Data Collection (BDC) shows no wireline ISP.

Source: Act 244 (H.4408), Section 9: Priority must be given to unserved areas with no current Internet Service Provider, Difficult Development Areas as identified by U.S. Housing and Urban Development, and census blocks that have a high concentration of unserved public K-12 student households as documented by the South Carolina Department of Education.

Eligibility	BSL	Units
Residential	49,986	64,633
Business	10,329	10,646
Total	60,315	75,279

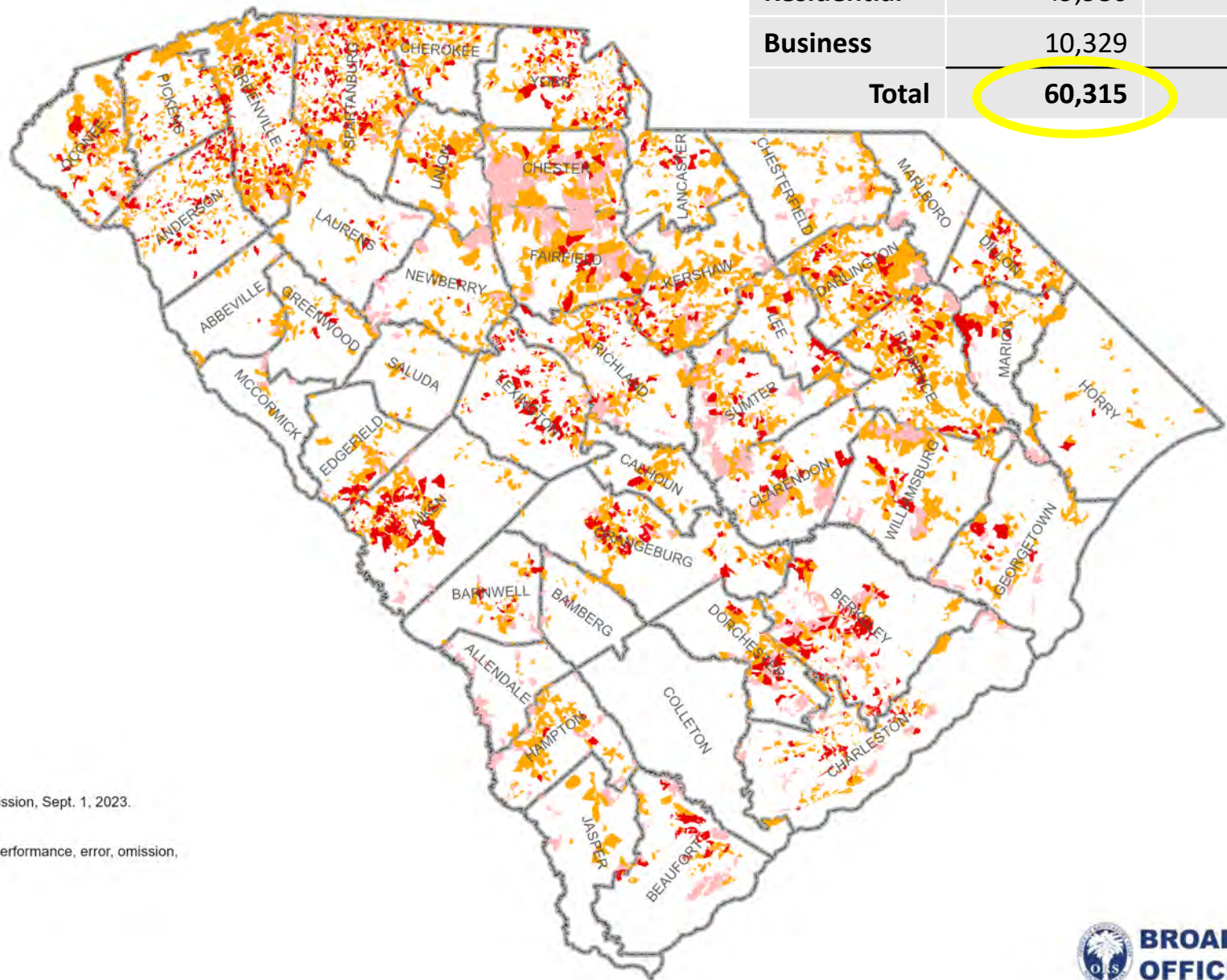
South Carolina

ARPA SLFRF 3.0 Eligibility

Feb. 12, 2024

ARPA SLFRF 3.0 Eligibility Status

- Priority Area
- Unserved
- Partially Served

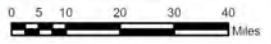


Data Source: Based on SC Broadband Office analysis of FCC Broadband Data Collection (BDC) Submission, Sept. 1, 2023. Satellite and mobile broadband services are excluded.

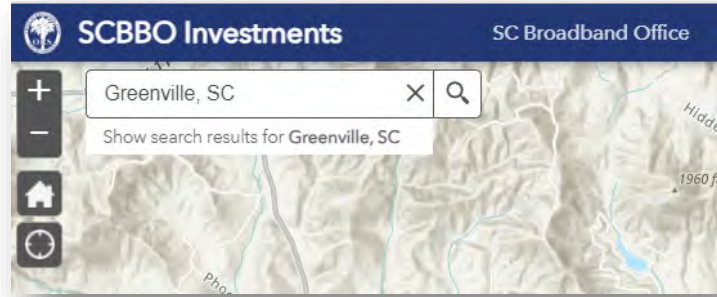
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Additional information may be found at:
<https://ors.sc.gov/broadband/office/investments/state/arpaslfrf3.0>

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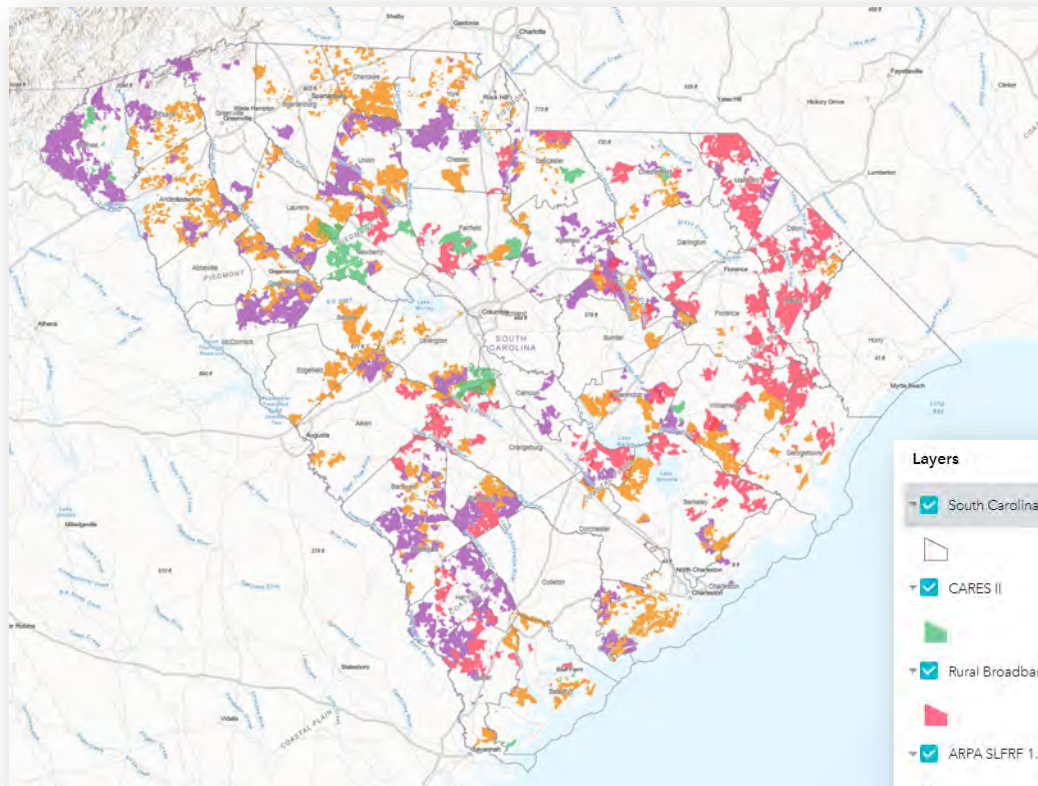
SCBBO Managed Projects



Project ID:
Project Name: Pickens/Anderson Counties

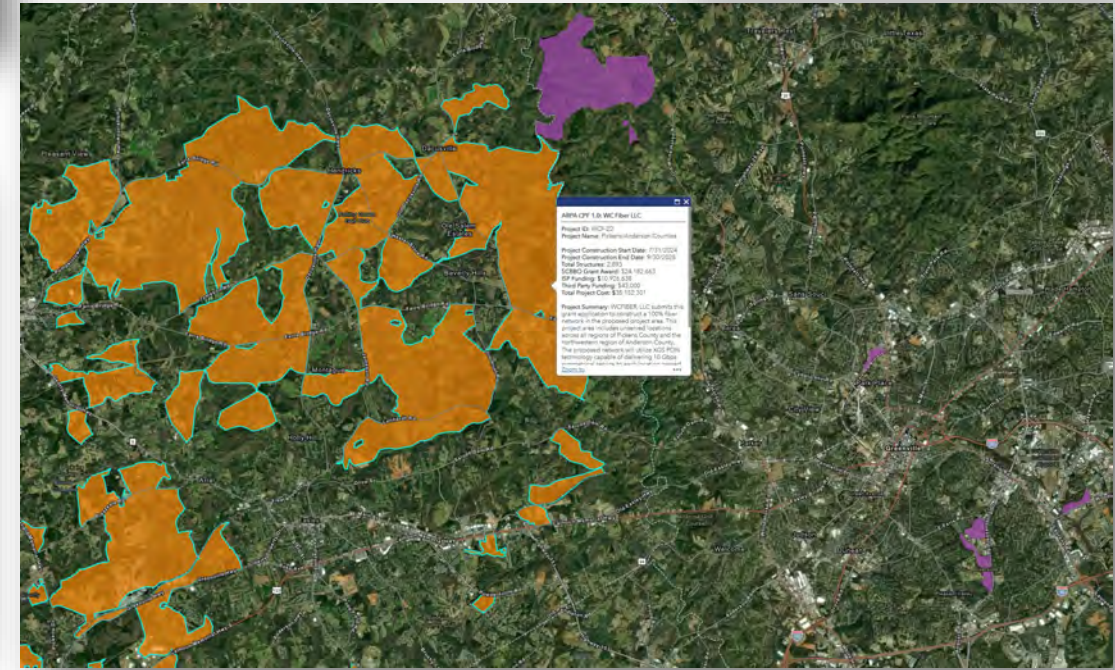
Project Construction Start Date: 7/31/2024
Project Construction End Date: 9/30/2025
Total Structures: 2,893
SCBBO Grant Award: \$24,182,663
ISP Funding: \$10,926,638
Third Party Funding: \$43,000
Total Project Cost: \$35,152,301

Project Summary: submits this grant application to construct a 100% fiber network in the proposed project area. This project area includes unserved locations across all regions of Pickens County and the northwestern region of Anderson County. The proposed network will utilize XGS PON technology capable of delivering 10 Gbps symmetrical service to each location passed.

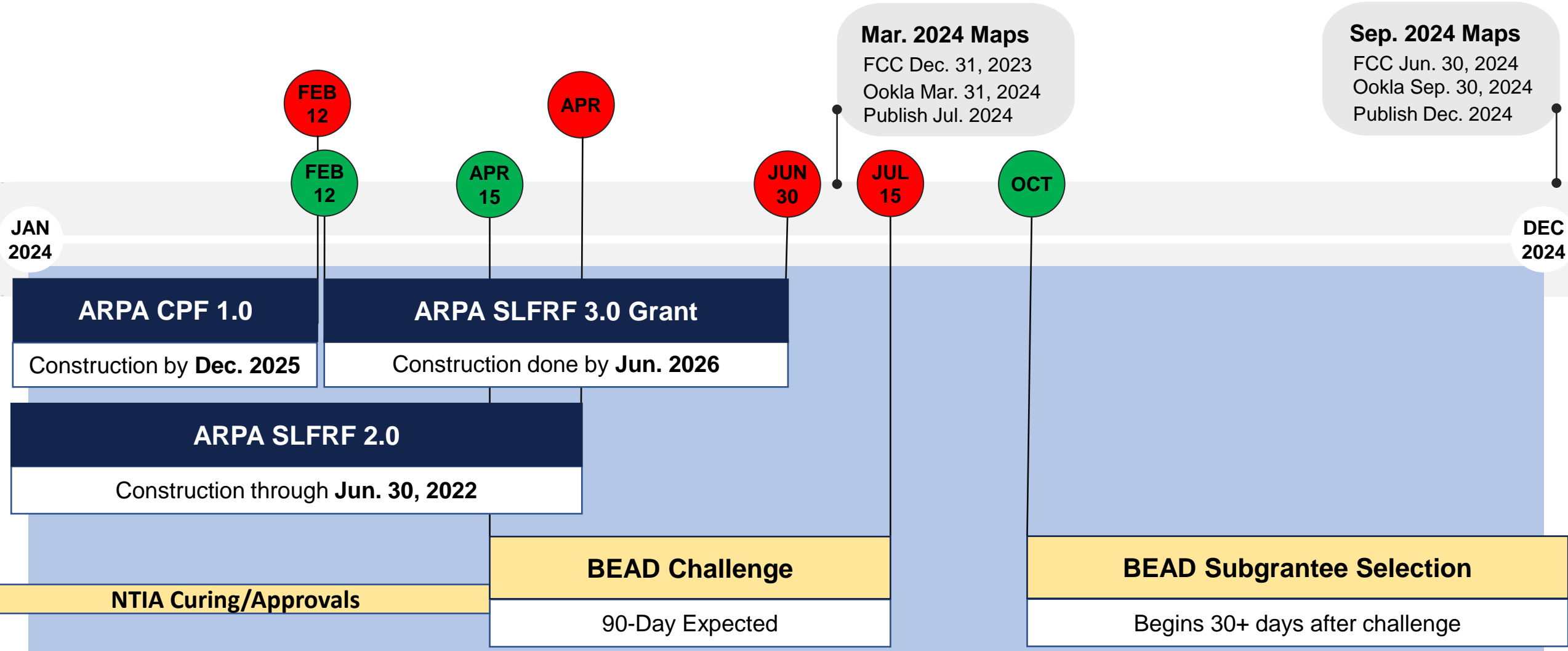


Layers

- South Carolina Counties
- CARES II
- Rural Broadband Grant Program (RBGP)
- ARPA SLFRF 1.0
- ARPA CPF 1.0

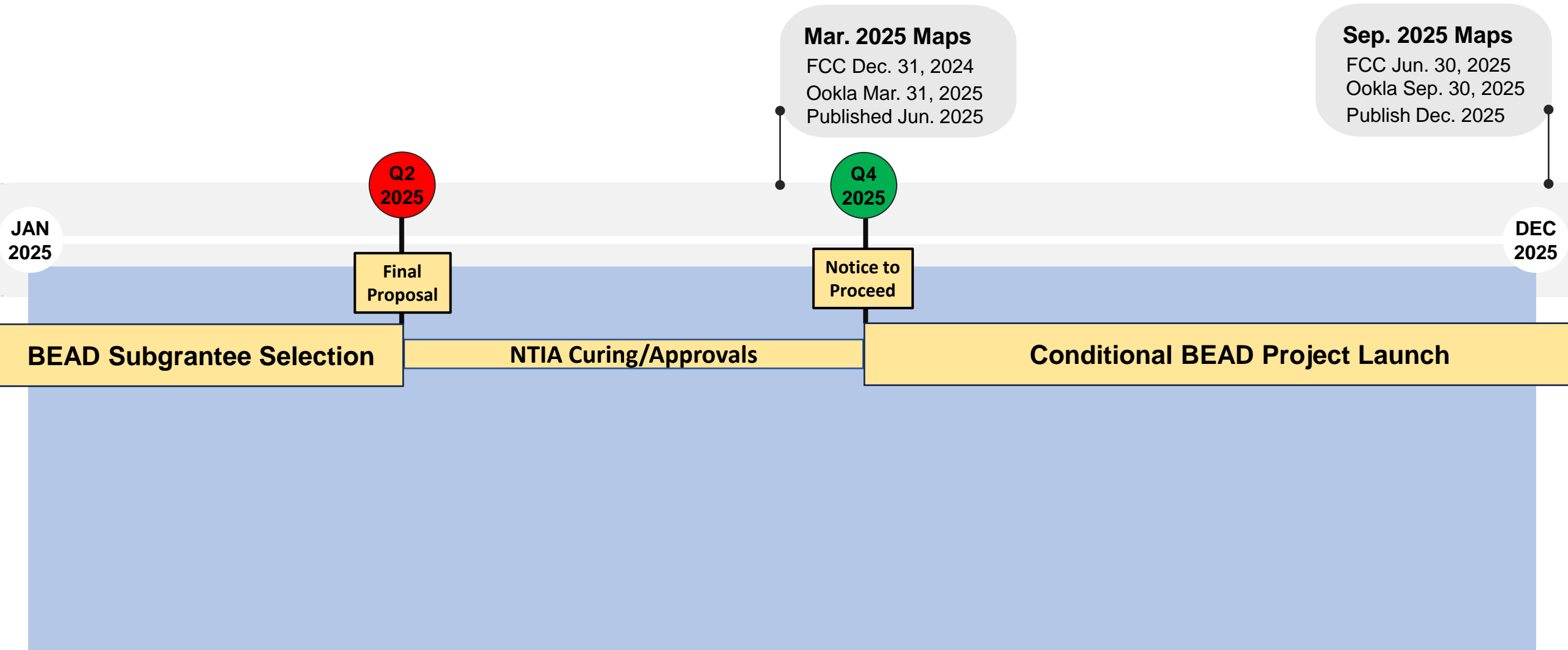


2024 SC BROADBAND GRANT PROGRAMS



* All dates are subject to change without notice, assume timely NTIA approvals.

2025 SC BROADBAND GRANT PROGRAMS



* All dates are subject to change without notice, assume timely NTIA approvals.

About BEAD

- **Infrastructure Investment and Jobs Act (IIJA)**

- Digital Equity (DE) – Adoption and Use
- Broadband Equity Access and Deployment (BEAD) →

- ✓ **\$551.5 million allocation for SC**

- ✓ **Broadband Deployment**

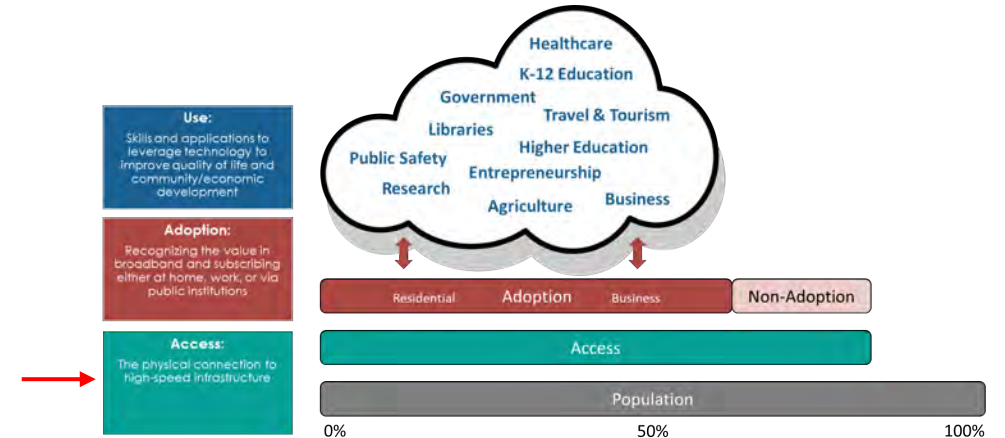
- Must provide access to all homes and businesses throughout state (first)
- Next, must connect Community Anchor Institutions (< 1Gbps symmetric)

- ✓ **Non-Deployment**

- Only occurs after SCBBO confirms enough allocation available to provide access to all homes and businesses throughout state

- ✓ **Initial Proposal**

- Volume 1 – **Approved (3/22/24), BEAD Challenge begins 4/15/24**
- Volume 2 – Establishment of BEAD Grant Program



BEAD | Key Themes

- End of ARPA = Beginning of BEAD
- County-Managed ARPA Broadband Projects
 - ✓ Please Coordinate w/SCBBO Right Away
- BEAD Zip Code Project Areas → Internet for All!
- BEAD Challenge Q2-2024
 - ✓ Residents must contact units of local government
 - ✓ Recommend Identifying Single Point of Contact
 - ✓ FCC Fabric is Confidential → Procure CostQuest Tier E License (free)
- Broadband-Related Workforce Opportunities
 - ✓ Apprenticeships
- Community Anchor Institutions
 - ✓ "... facilitates greater use of broadband service by vulnerable populations."
 - ✓ MUST Lack ACCESS to 1 Gbps symmetric



**BROADBAND
OFFICE**



Construction Dashboard

Near Real-Time Broadband Construction Status

South Carolina Office of Regulatory Staff | March 31, 2024

Allendale County

South Carolina

Construction Dashboard



H3 Resolutions (square meters / acres)

- Res 6 36,129,062 sq. m / 8,928 acres
- Res 7 5,161,293 sq. m / 1,275 acres
- Res 8 737,328 sq. m / 182 acres
- Res 9 105,332 sq. m / 26 acres

Managed Investment

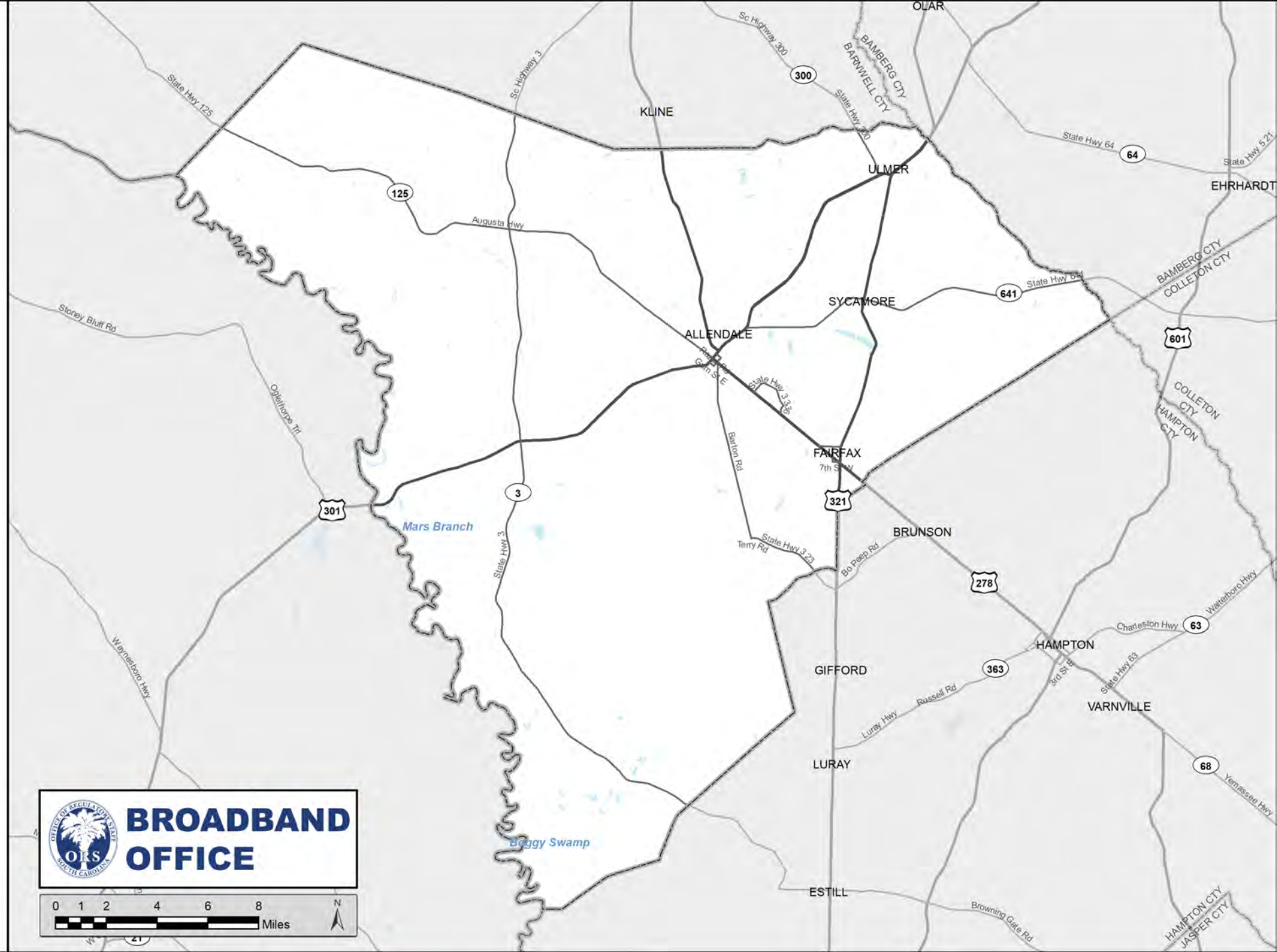
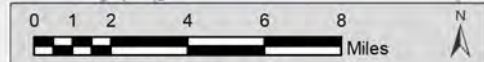
- | | |
|---|---|
| State | County |
| Federal | Private |

Data Sources: H3 is a geospatial indexing system that partitions the world into hexagonal cells. H3 is open source under the Apache 2 license. The H3 Core Library implements the H3 grid system. It includes functions for converting from latitude and longitude coordinates to the containing H3 cell, finding the center of H3 cells, finding the boundary geometry of H3 cells, finding neighbors of H3 cells, and more.

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Allendale County

South Carolina

Construction Dashboard



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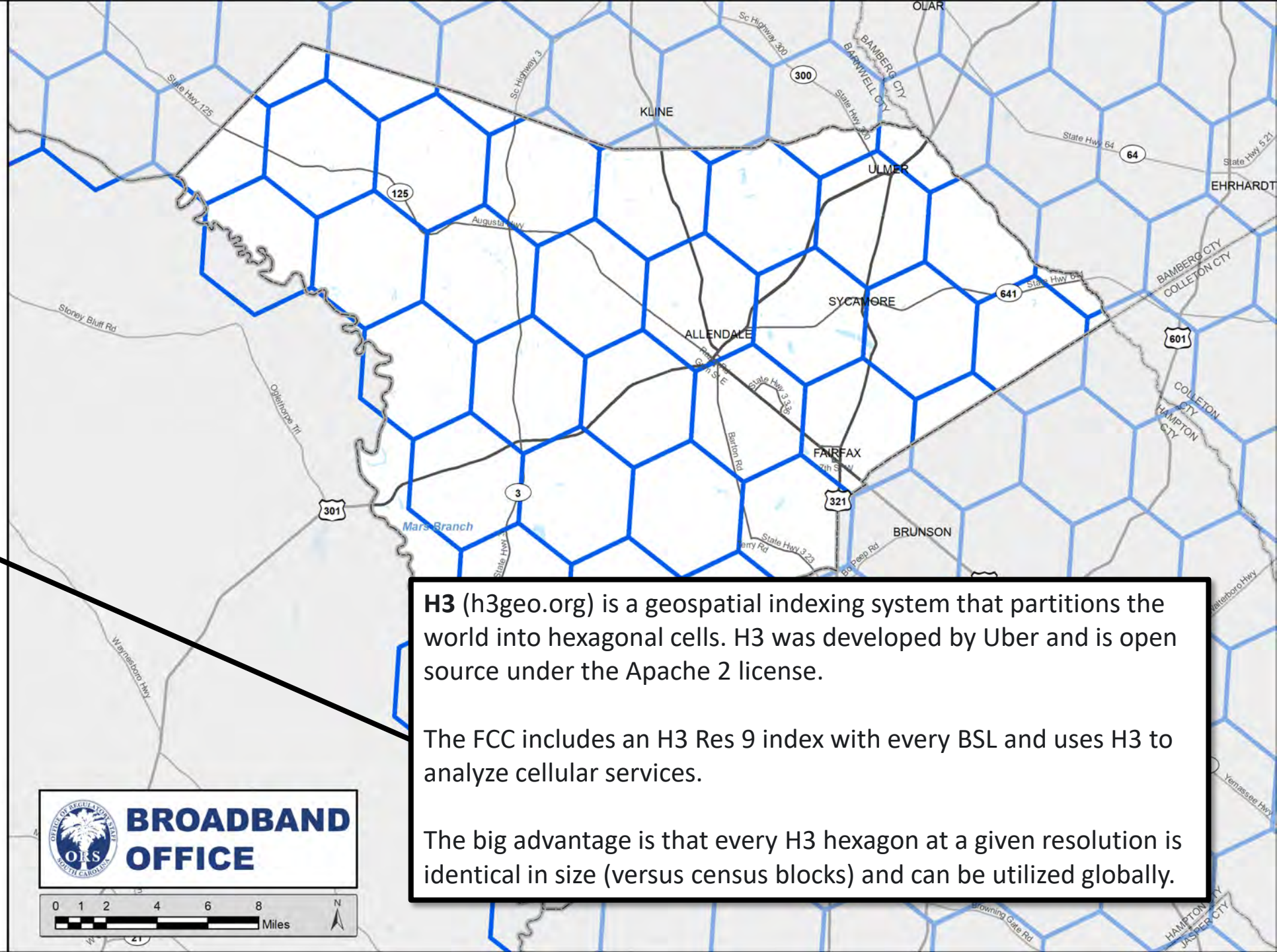
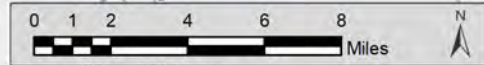
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H3 (h3geo.org) is a geospatial indexing system that partitions the world into hexagonal cells. H3 was developed by Uber and is open source under the Apache 2 license.

The FCC includes an H3 Res 9 index with every BSL and uses H3 to analyze cellular services.

The big advantage is that every H3 hexagon at a given resolution is identical in size (versus census blocks) and can be utilized globally.

Allendale County

South Carolina

Construction Dashboard



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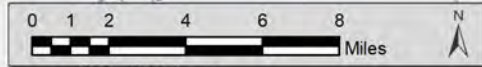
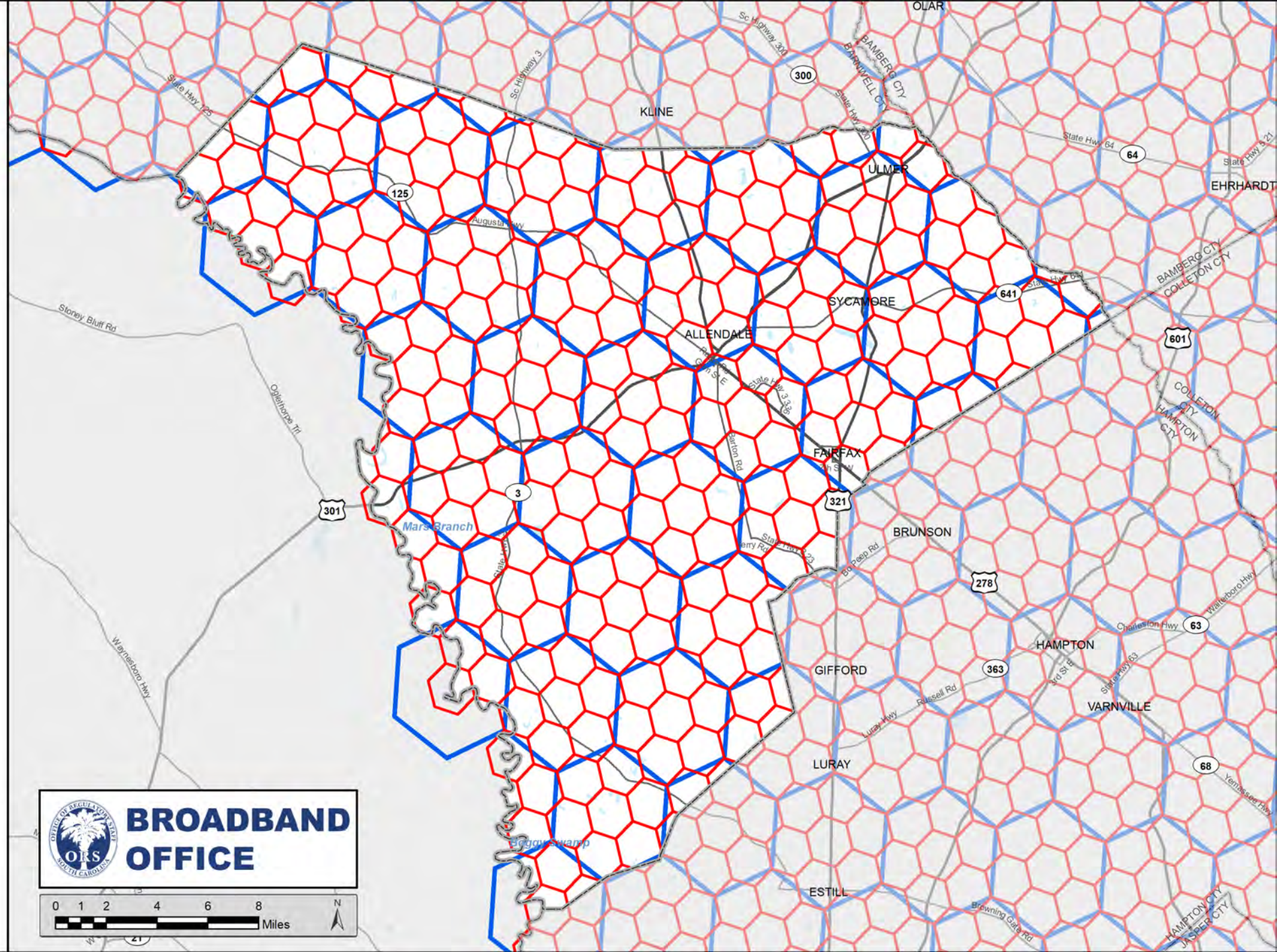
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Allendale County

South Carolina

Construction Dashboard



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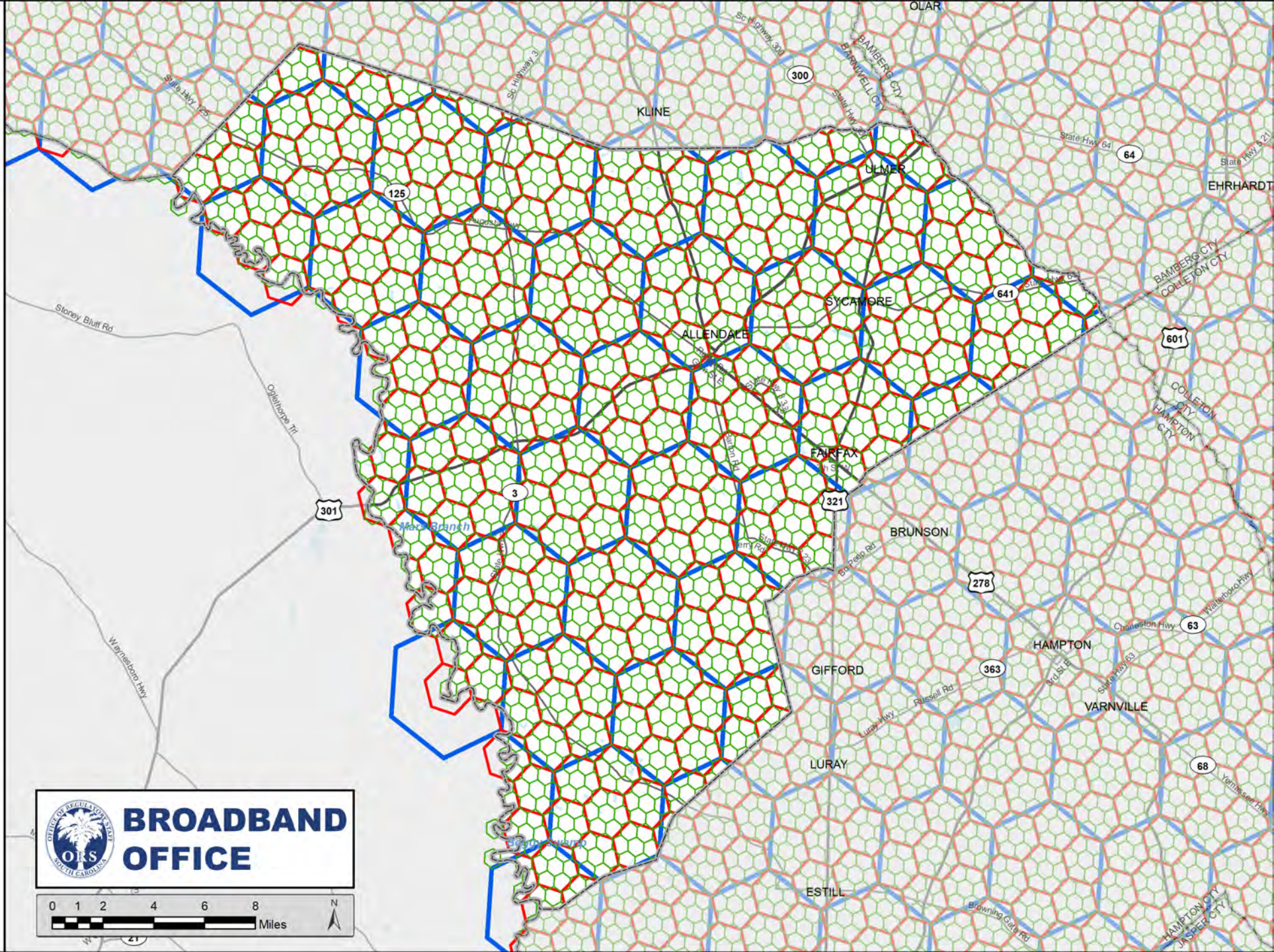
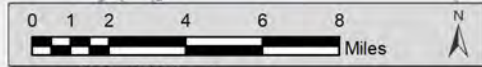
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ISP A GRANT AGREEMENT - APPENDIX

Location ID	Street Address	Other BSL Attributes	H9 Index
1010827461	714 Sample Lane	...	8944d14b403fff
1010827463	726 Sample Lane	...	8944d14b403fff
1010827465	730 Sample Lane	...	8944d14b403fff
1030897265	427 Broadband St.	...	8944d14b417fff
1030897267	435 Broadband St.	...	8944d14b417fff

Provider	H9 Index	Funded BSL Count
ISP A	8944d14b403fff	3
ISP A	8944d14b417fff	2



Allendale County

South Carolina

Construction Dashboard



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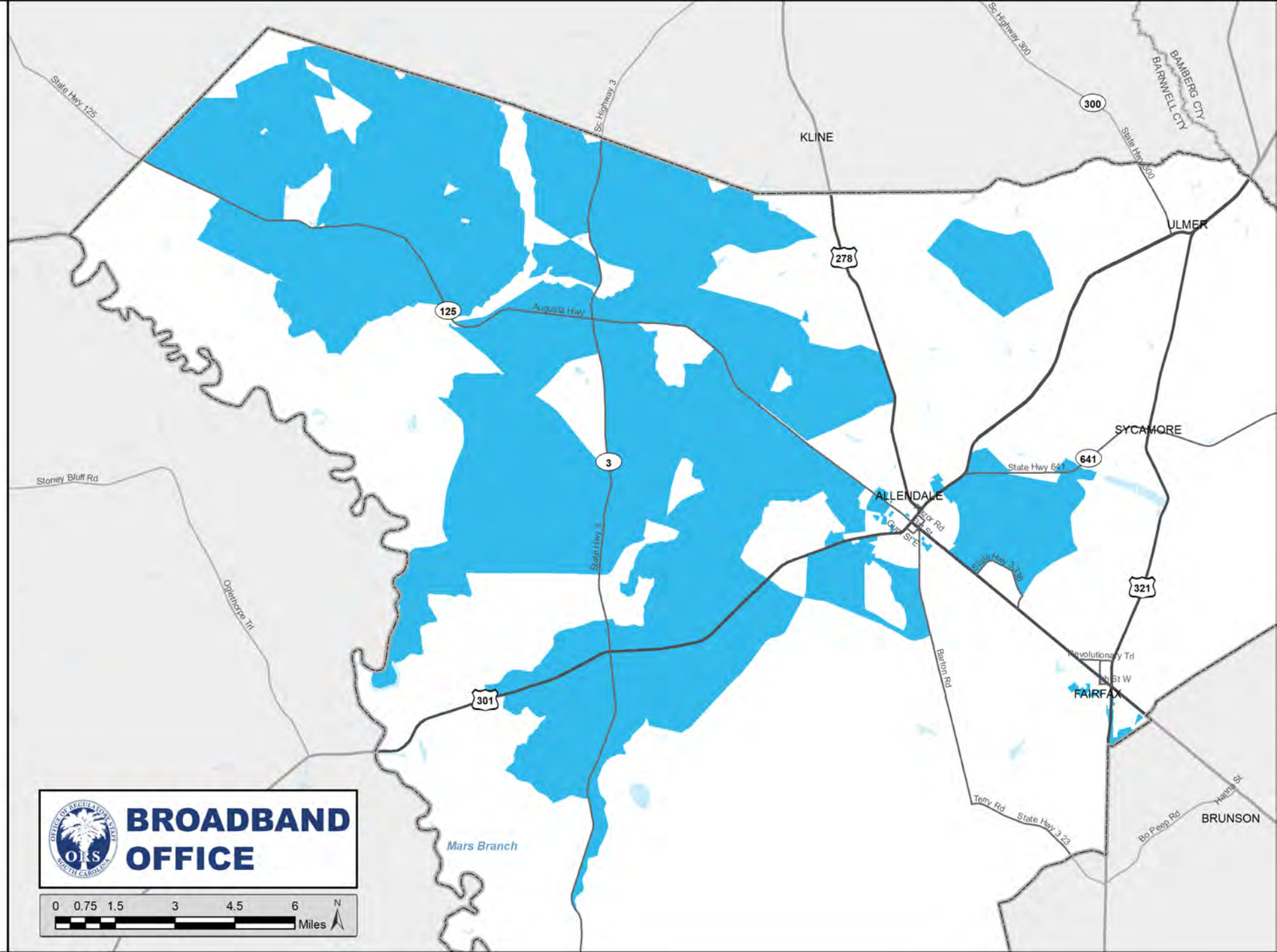
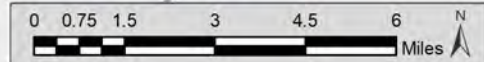
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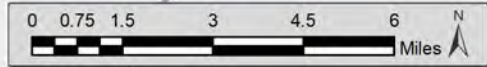
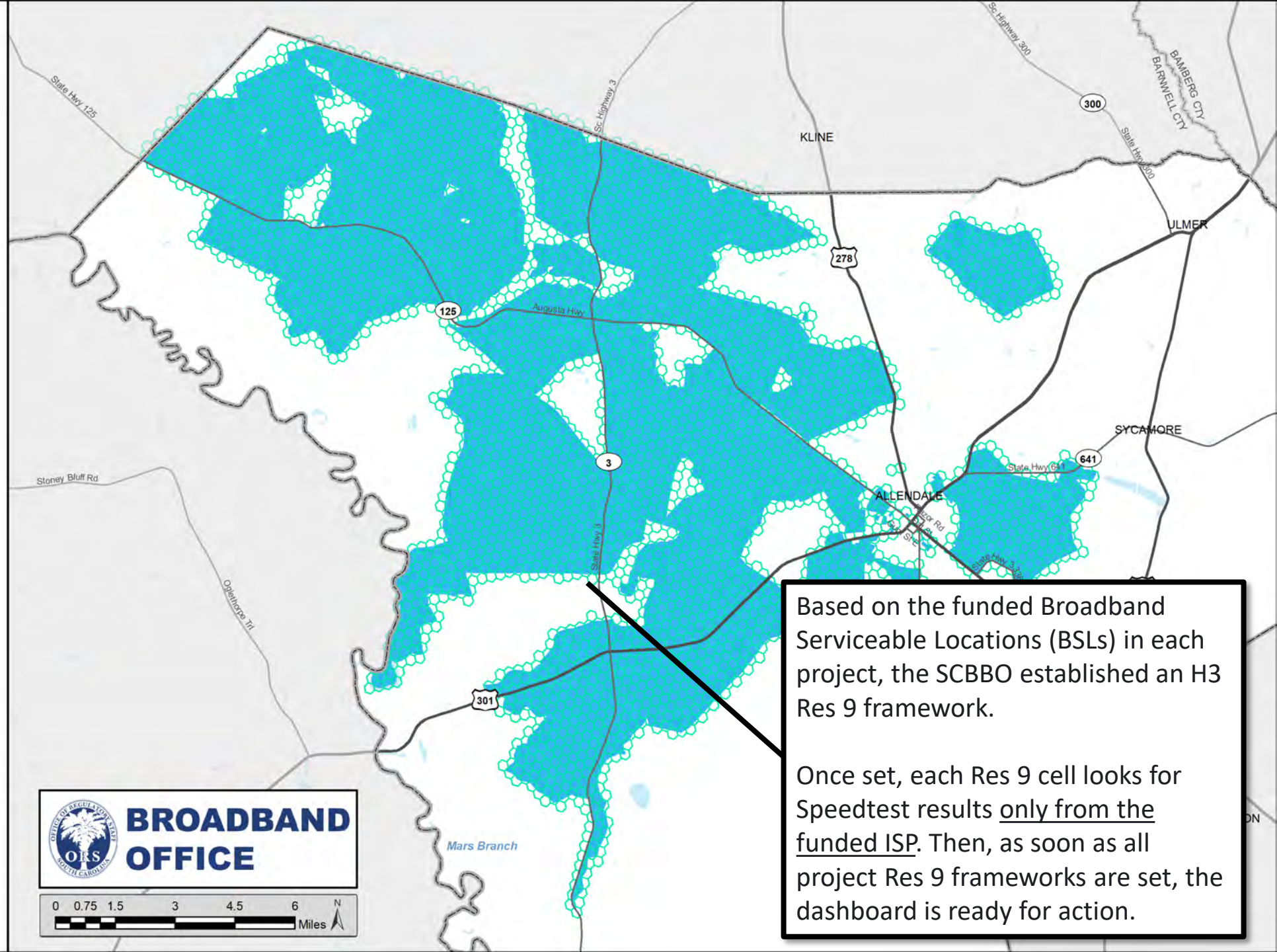
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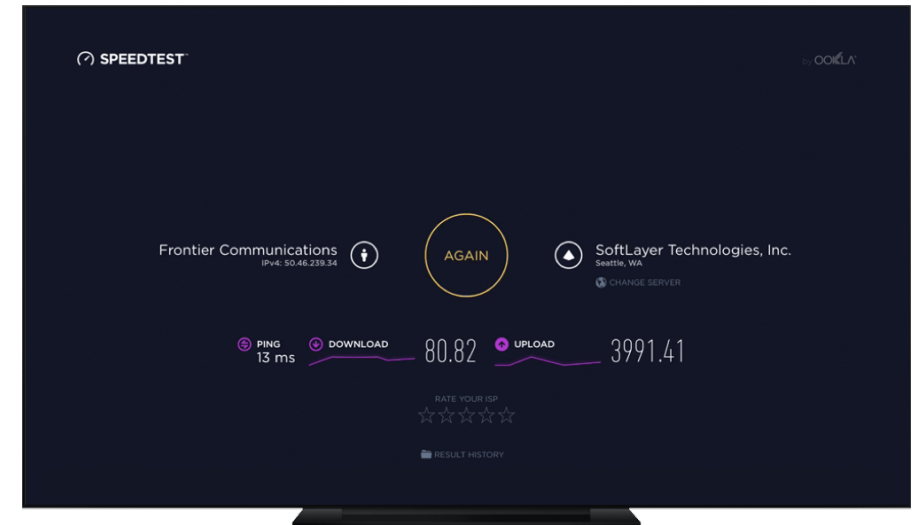
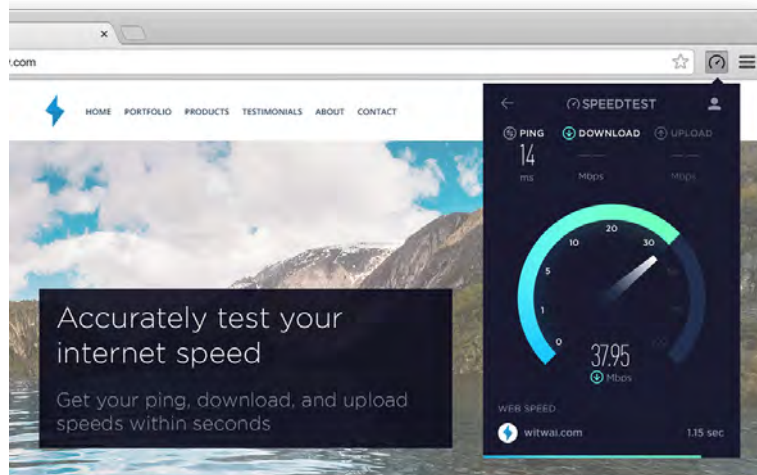
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Based on the funded Broadband Serviceable Locations (BSLs) in each project, the SCBBO established an H3 Res 9 framework.

Once set, each Res 9 cell looks for Speedtest results only from the funded ISP. Then, as soon as all project Res 9 frameworks are set, the dashboard is ready for action.

Ookla's mission is to make the internet better, faster and more accessible for everyone



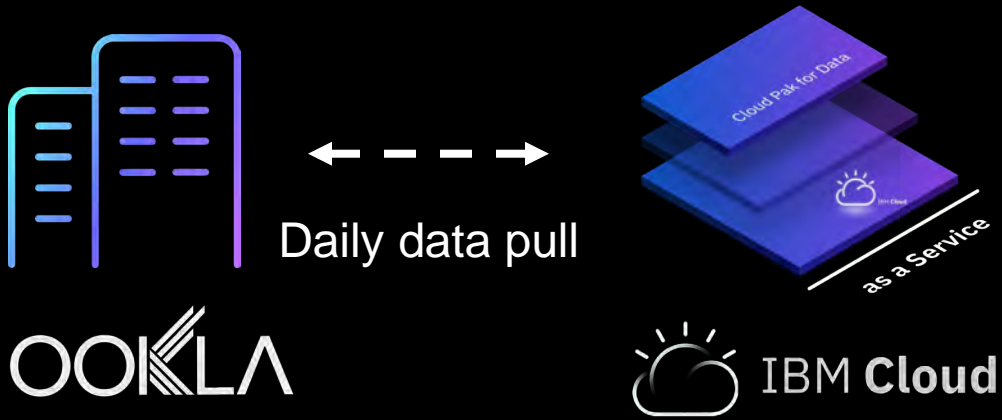
iOS



Speedtest is available for:

Web, Android, iOS, macOS, Windows, AppleTV, Chrome

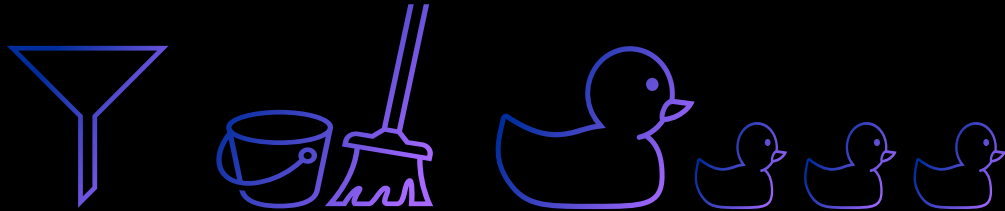
STEP 1



FILTER / FORMATTING / GEOPROCESSING:

- SCBBO Blacklist Applied
- Download Speed ≥ 100 Mbps
- Comes from GPS-equipped device
- Location Accuracy < 500 m
- Geocoded for H3 Res 6, 7, 8 & 9

STEP 2



FIXED WIRELINE

CUMULATIVE JAN. 1, 2019 through MAR. 31, 2024:

4,083,025 Speedtest Results

STEP 3



Receive ~2,000 to 3,000 new tests daily

South Carolina Construction Dashboard

Verified Speed Tiers (download / upload)

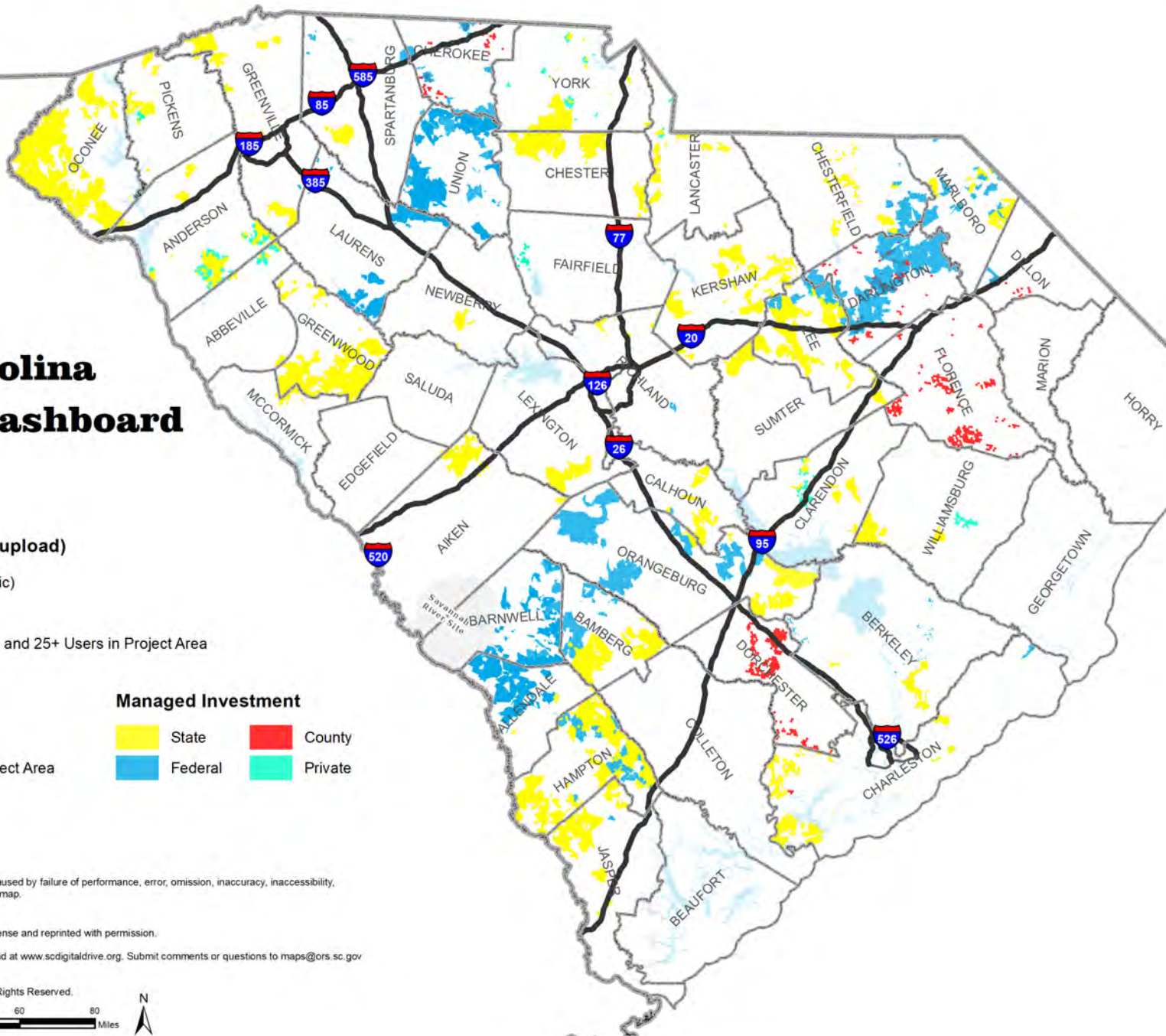
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 250+ Ookla Speedtest Results and 25+ Users in Project Area

Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private



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**BROADBAND
OFFICE**

South Carolina Construction Dashboard

September 30, 2023

Verified Speed Tiers (download / upload)

- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 250+ Ookla Speedtest Results and 25+ Users in Project Area

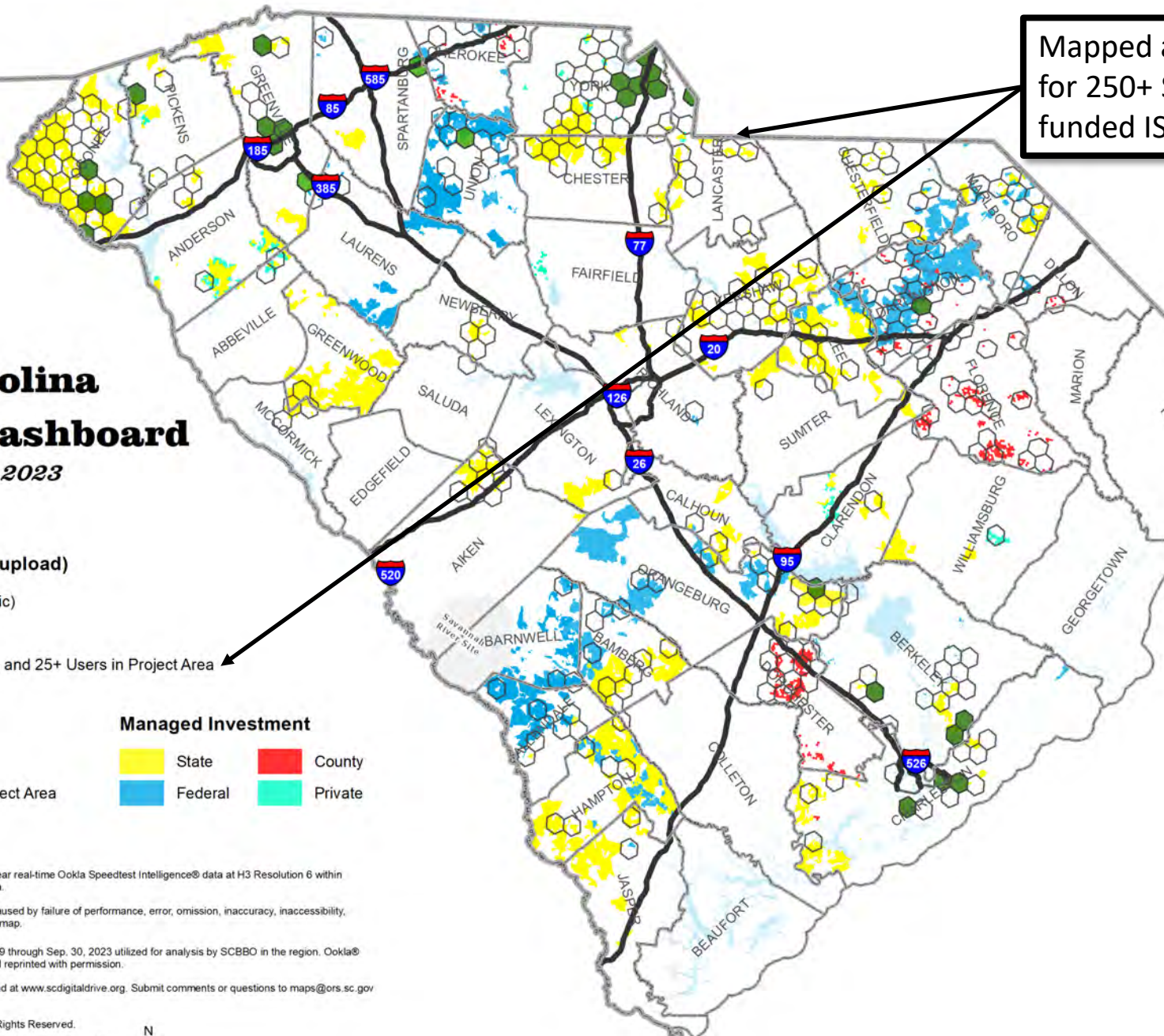
Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private

Mapped at Res 6 at State Level. Looking for 250+ Speedtests and 25 Users for funded ISP.



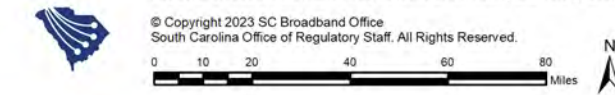
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 6 within funded projects that are currently under construction in South Carolina.

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OOKLA Speedtest Intelligence® data from Jan. 1, 2019 through Sep. 30, 2023 utilized for analysis by SCBBO in the region. Ookla® trademarks and logos used under license and reprinted with permission.

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South Carolina Construction Dashboard

October 31, 2023

Verified Speed Tiers (download / upload)

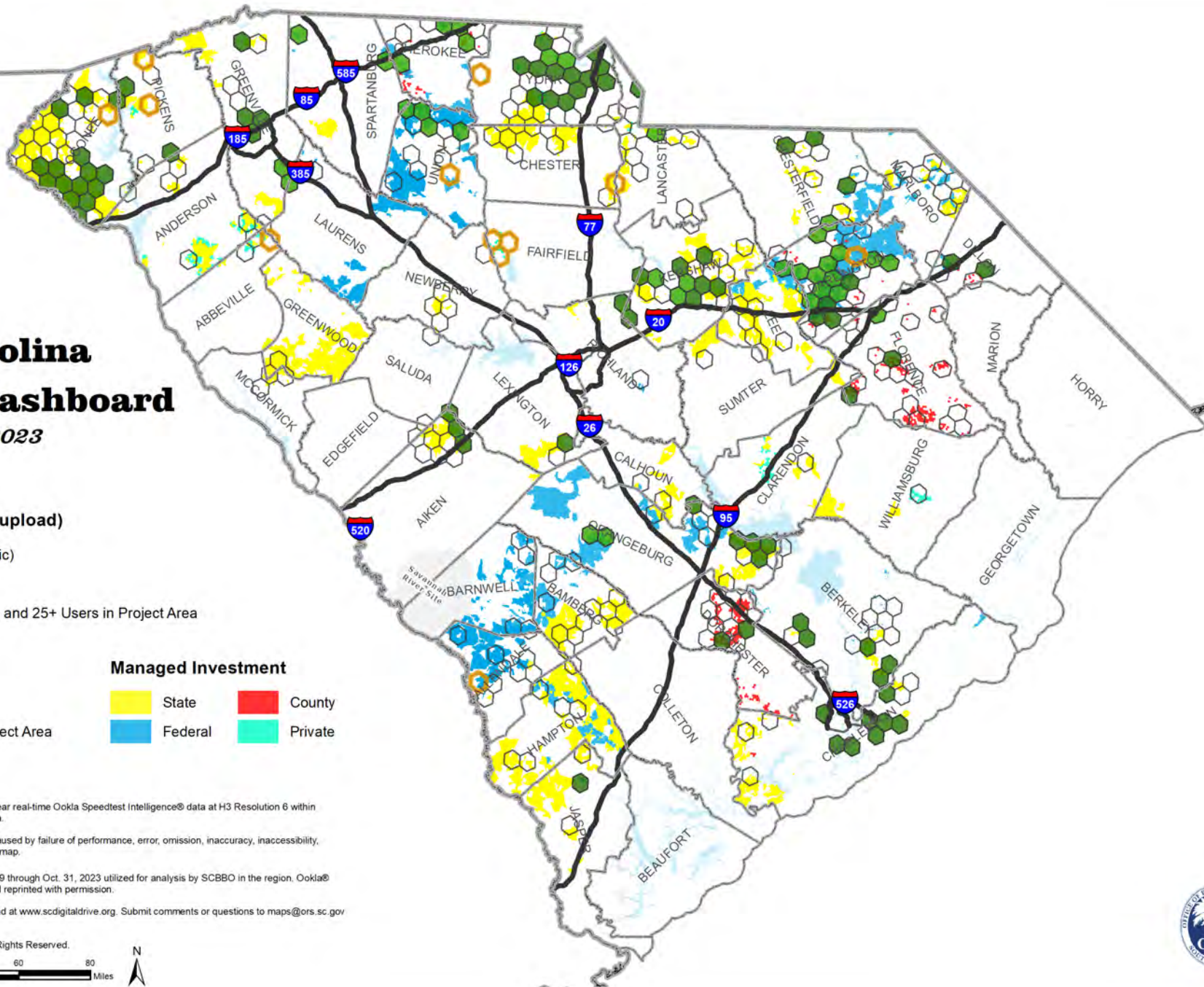
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 250+ Ookla Speedtest Results and 25+ Users in Project Area

Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private



Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 6 within funded projects that are currently under construction in South Carolina.

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South Carolina Construction Dashboard

November 30, 2023

Verified Speed Tiers (download / upload)

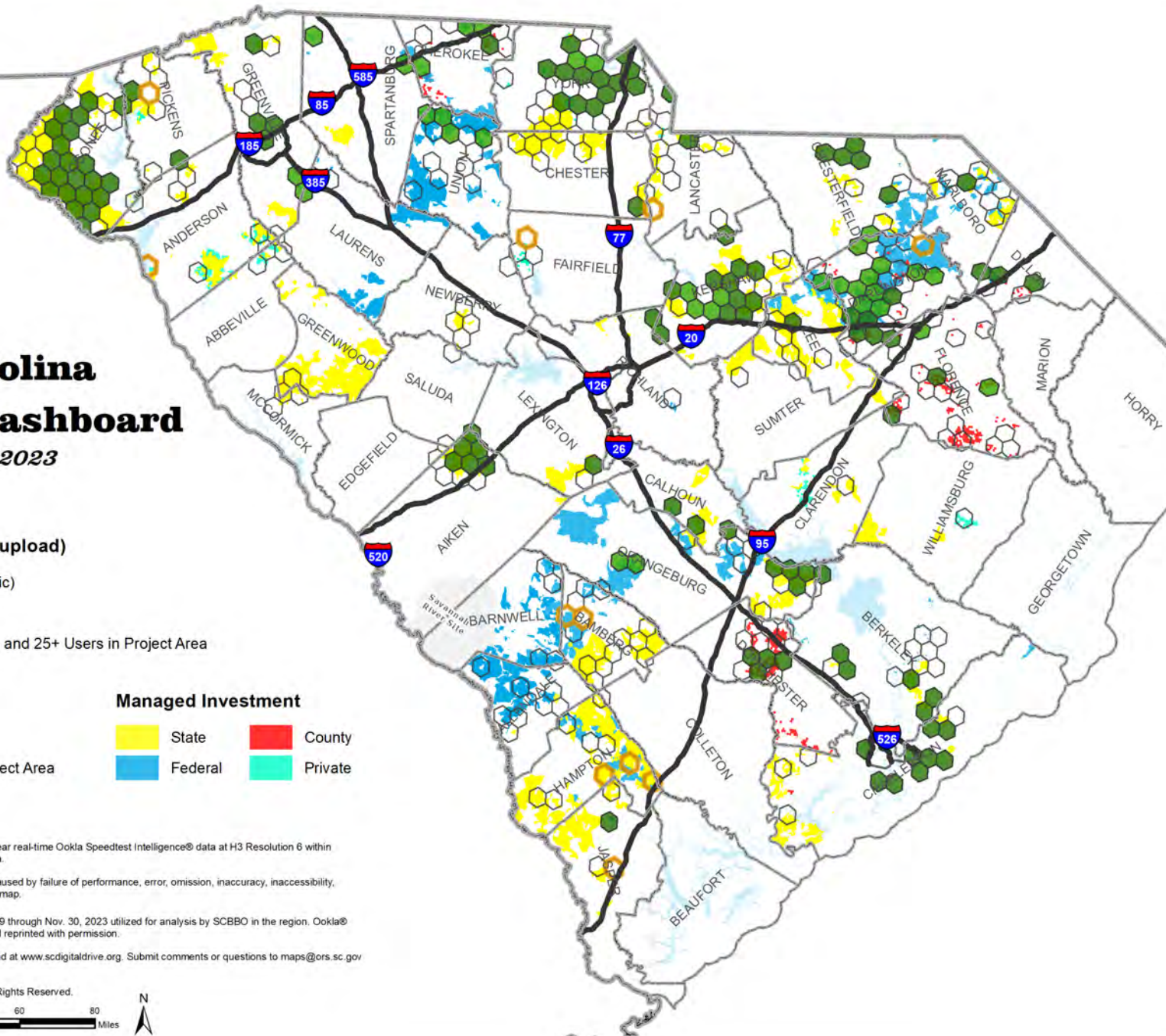
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 250+ Ookla Speedtest Results and 25+ Users in Project Area

Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private



Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 6 within funded projects that are currently under construction in South Carolina.

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South Carolina Construction Dashboard

December 31, 2023

Verified Speed Tiers (download / upload)

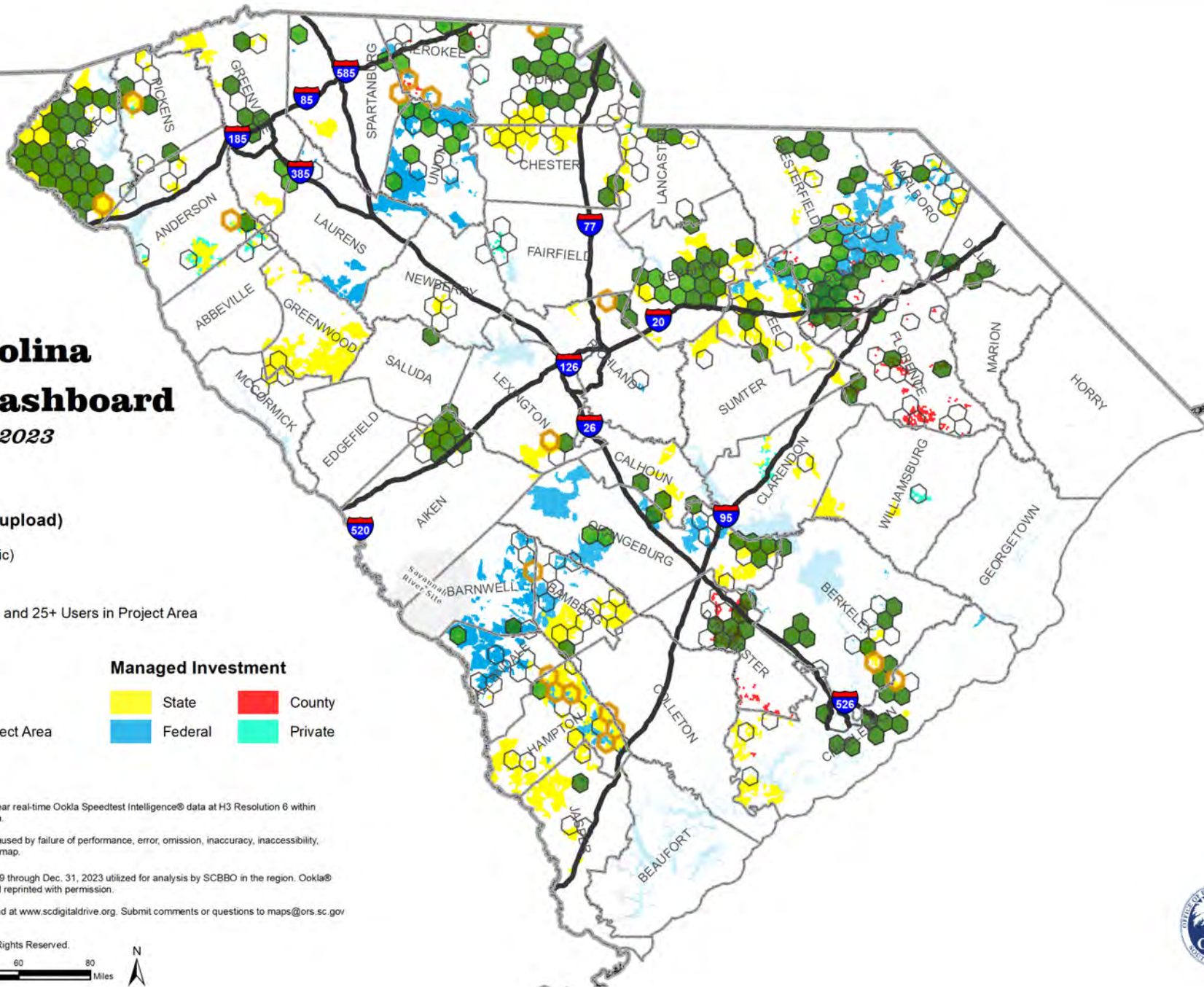
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 250+ Ookla Speedtest Results and 25+ Users in Project Area

Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private



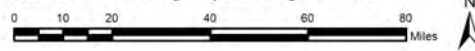
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 6 within funded projects that are currently under construction in South Carolina.

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South Carolina Construction Dashboard

January 31, 2024

Verified Speed Tiers (download / upload)

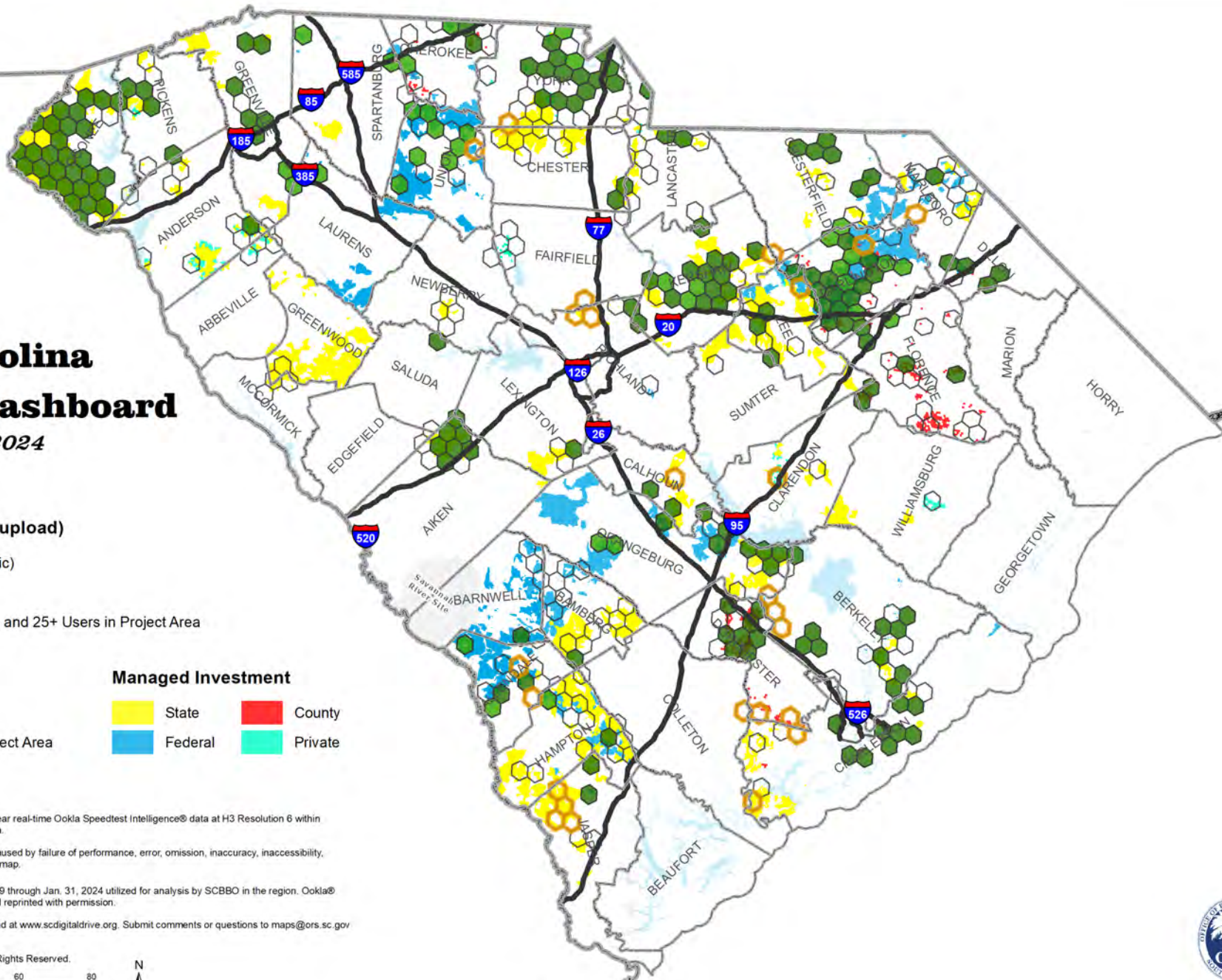
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 250+ Ookla Speedtest Results and 25+ Users in Project Area

Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private



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South Carolina Construction Dashboard

February 29, 2024

Verified Speed Tiers (download / upload)

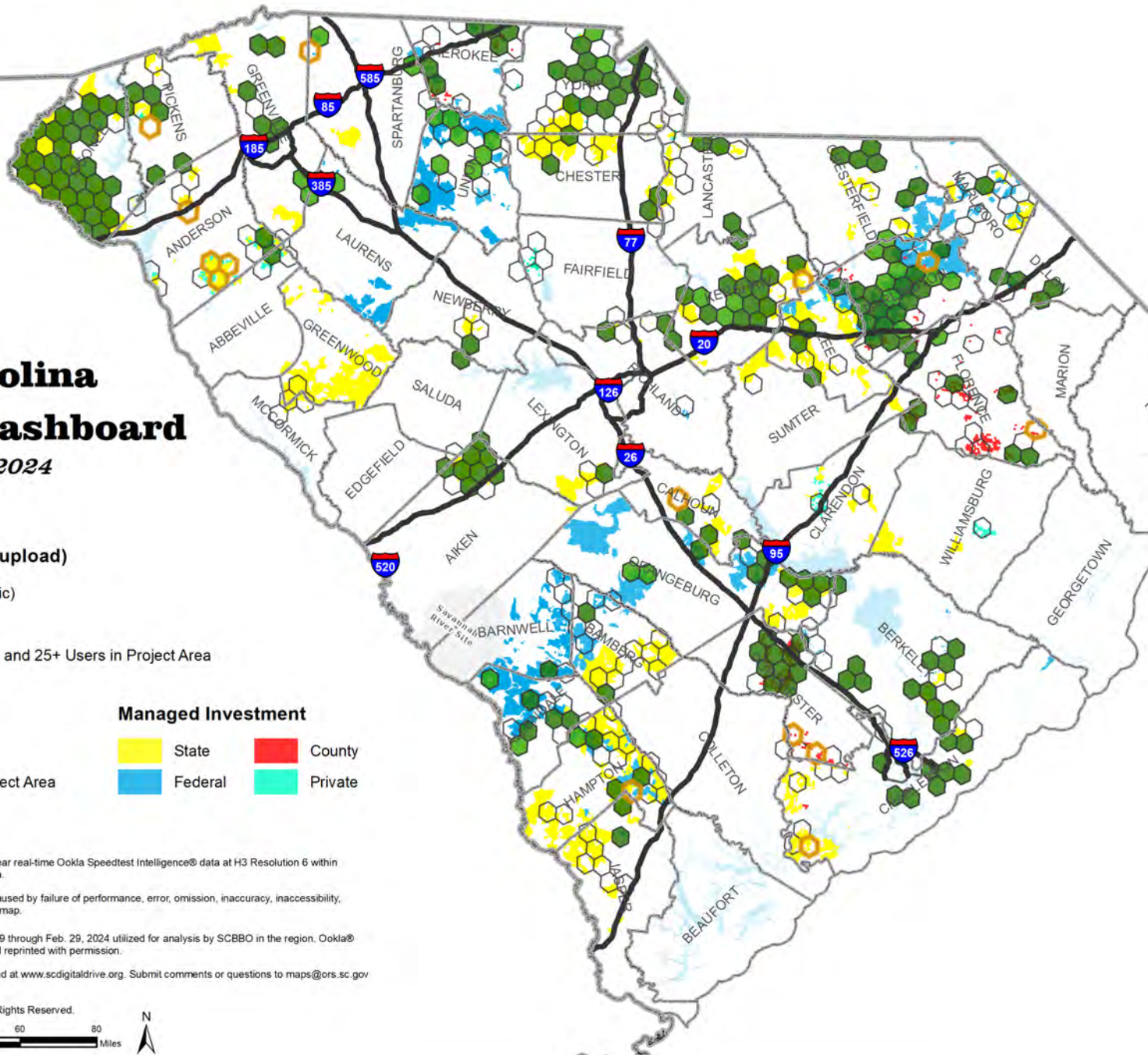
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 250+ Ookla Speedtest Results and 25+ Users in Project Area

Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private



Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 6 within funded projects that are currently under construction in South Carolina.

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South Carolina Construction Dashboard

March 31, 2024

Verified Speed Tiers (download / upload)

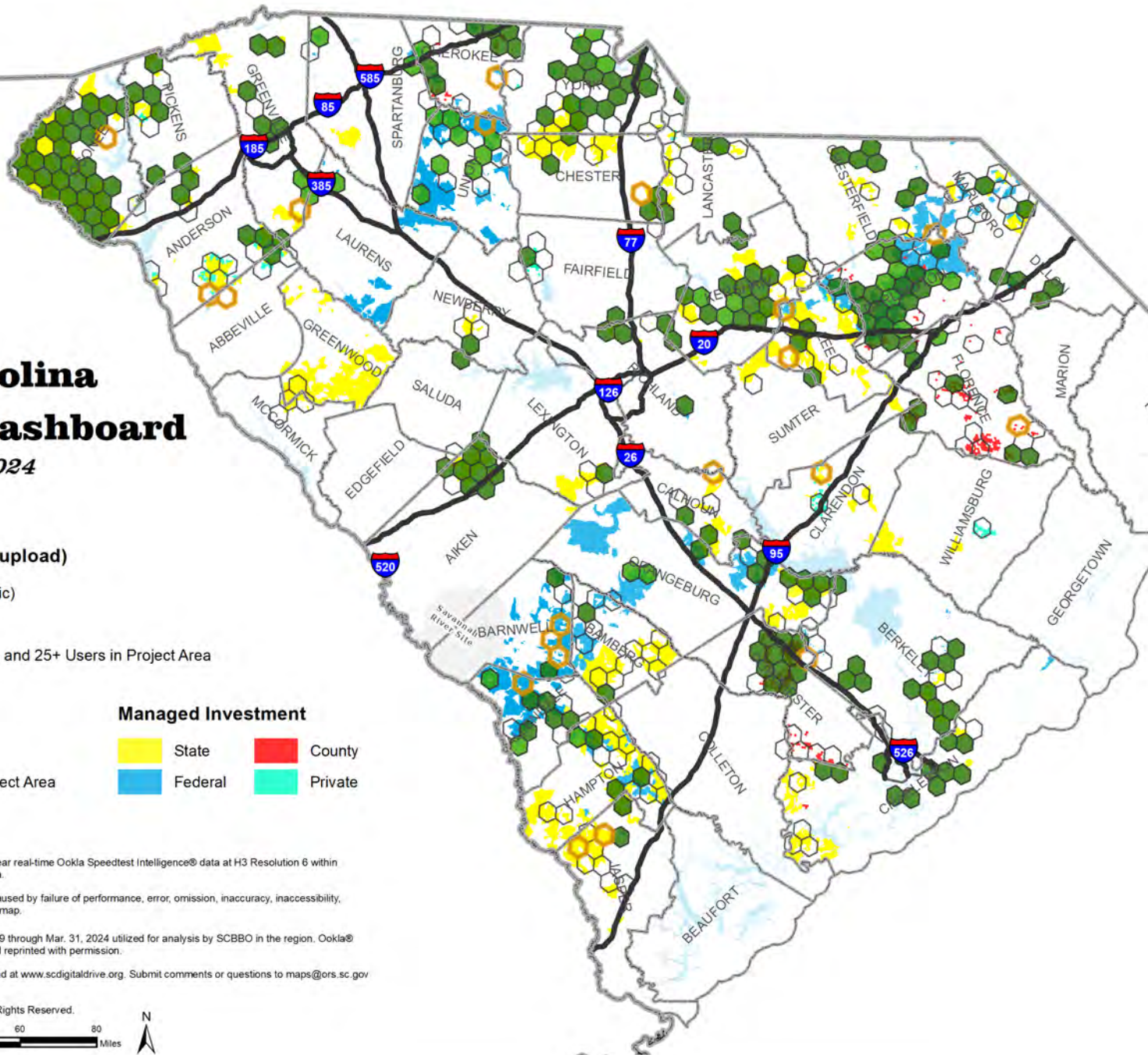
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 250+ Ookla Speedtest Results and 25+ Users in Project Area

Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private



Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 6 within funded projects that are currently under construction in South Carolina.

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Oconee County South Carolina Construction Dashboard

September 30, 2023



Verified Speed Tiers (download / upload)

- >= 100 Mbps / 100 Mbps (symmetric)
- >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

- Network Live in Last 30 Days
- 1+ Ookla Speedtest Results in Project Area

Managed Investment

- State
- County
- Federal
- Private

Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction in South Carolina.

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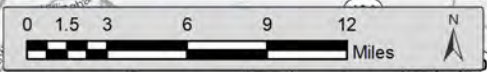
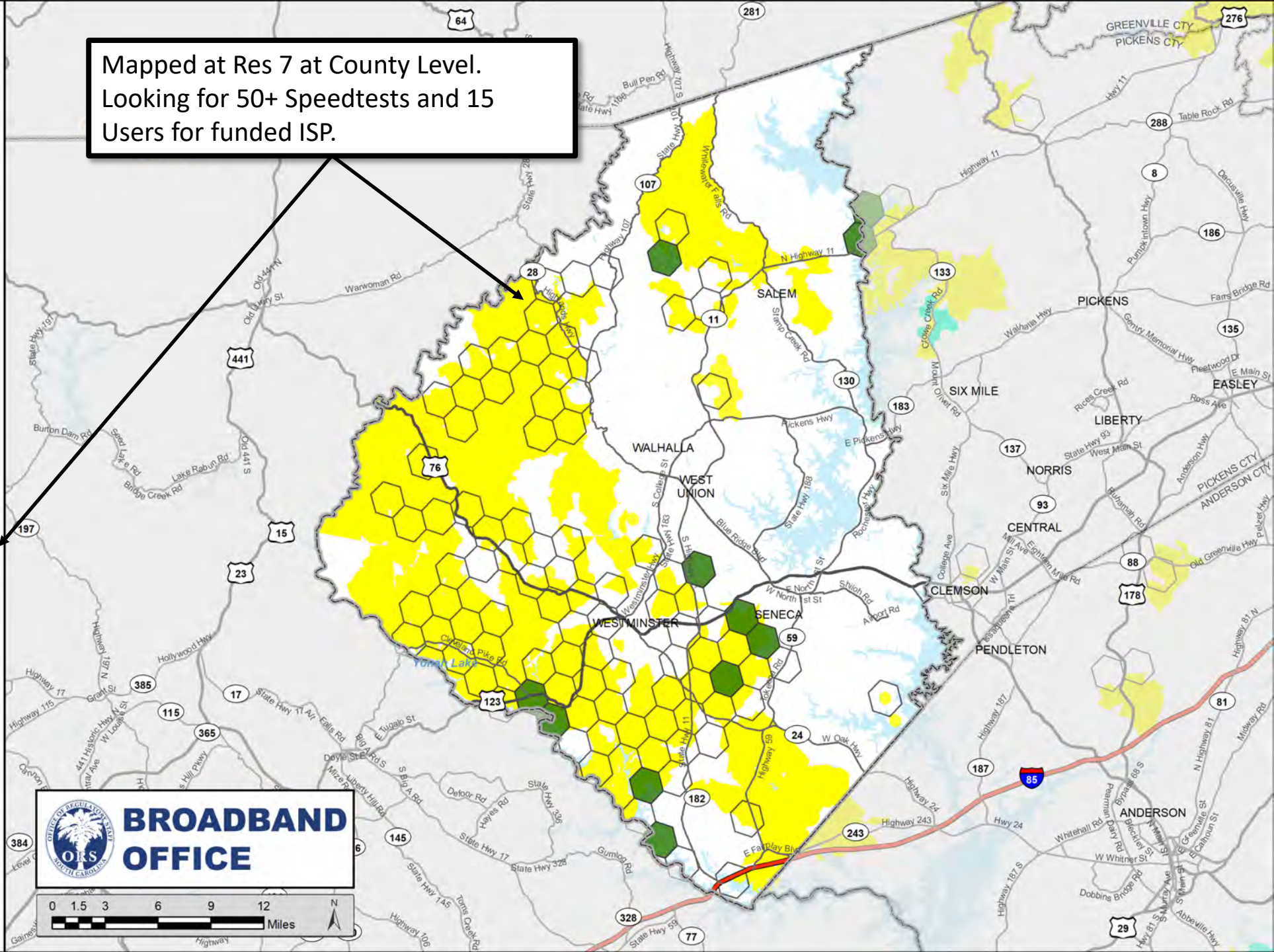
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Mapped at Res 7 at County Level.
Looking for 50+ Speedtests and 15
Users for funded ISP.



Oconee County

South Carolina

Construction Dashboard

October 1, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

State County

Federal Private

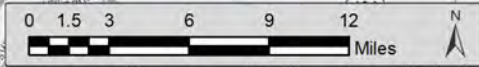
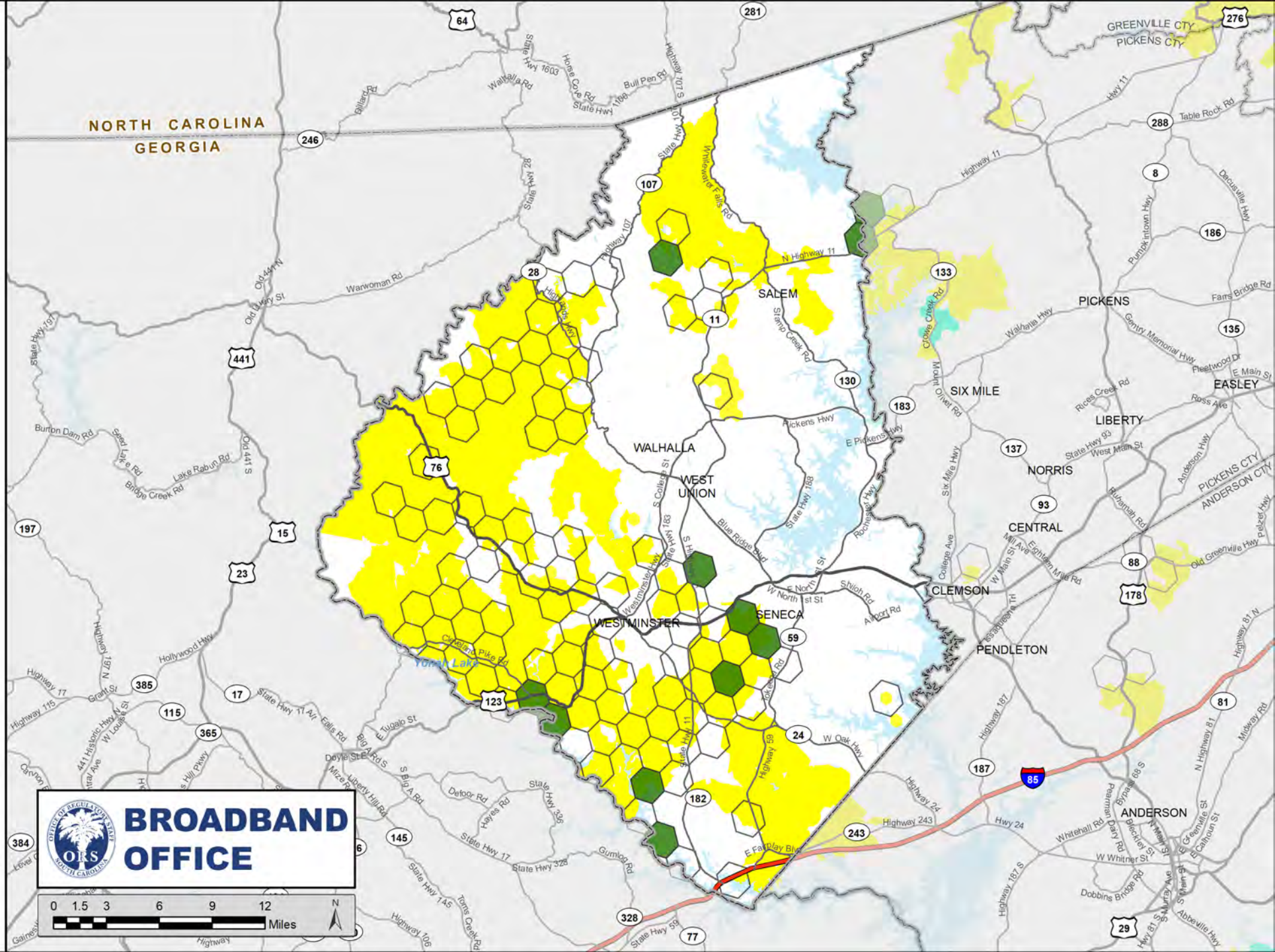
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Oconee County South Carolina Construction Dashboard

October 8, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

State County

Federal Private

Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction in South Carolina.

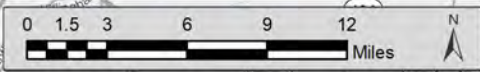
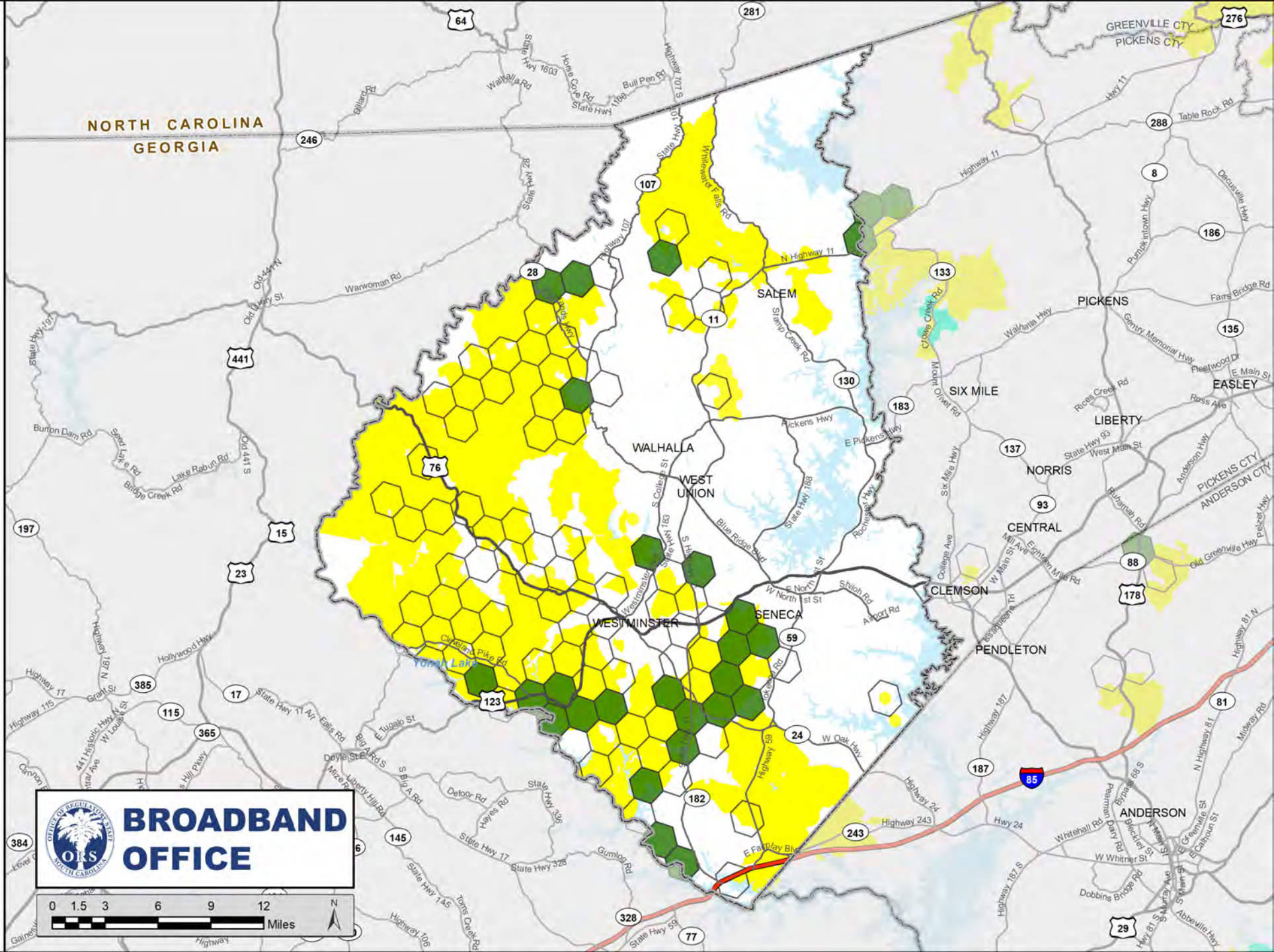
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Oconee County

South Carolina

Construction Dashboard

October 15, 2023



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

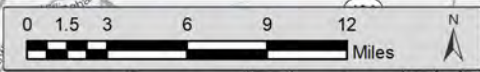
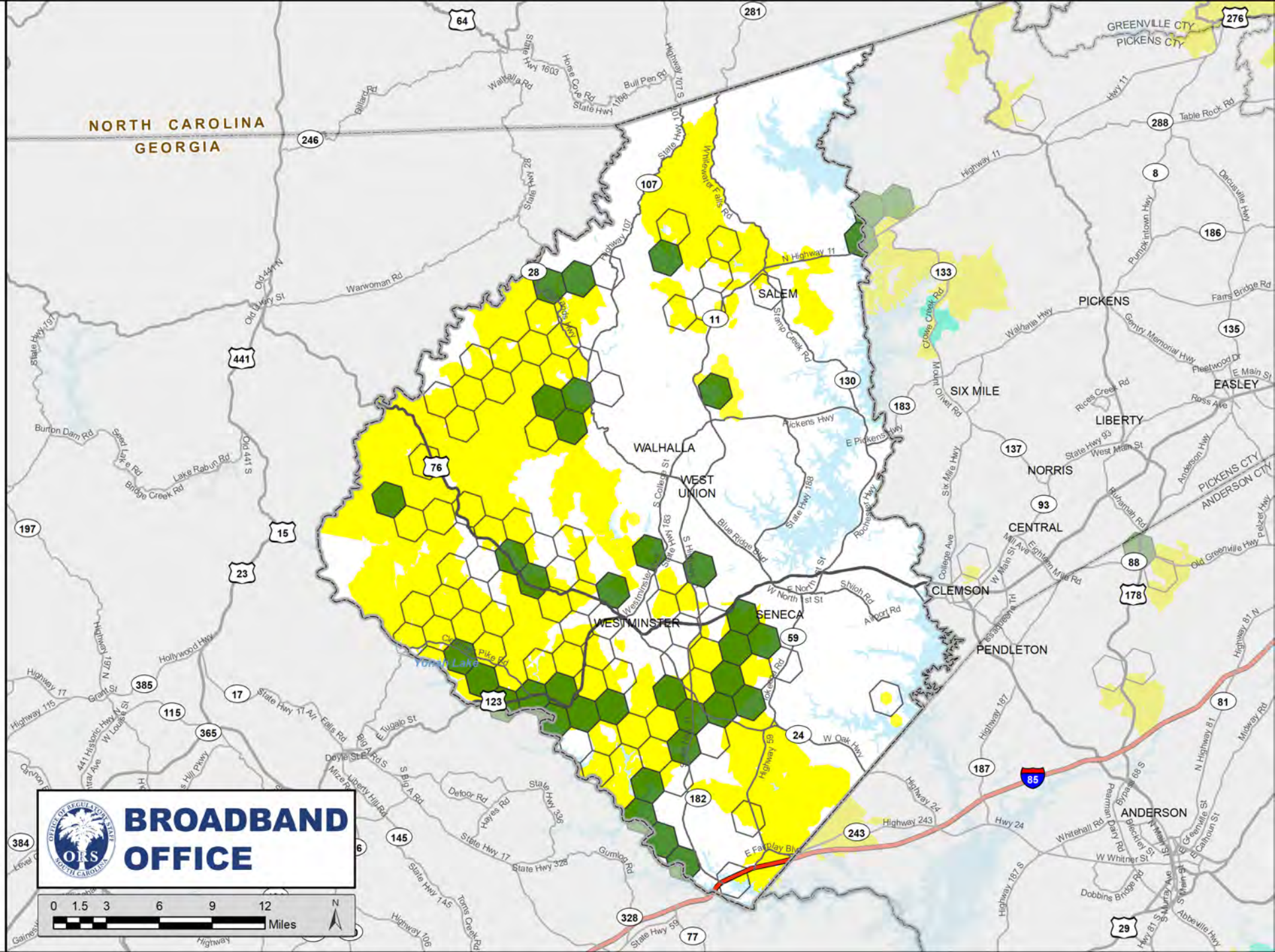
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction in South Carolina.

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Oconee County South Carolina Construction Dashboard

October 22, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

State County

Federal Private

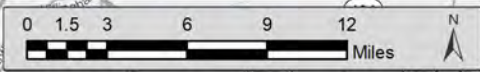
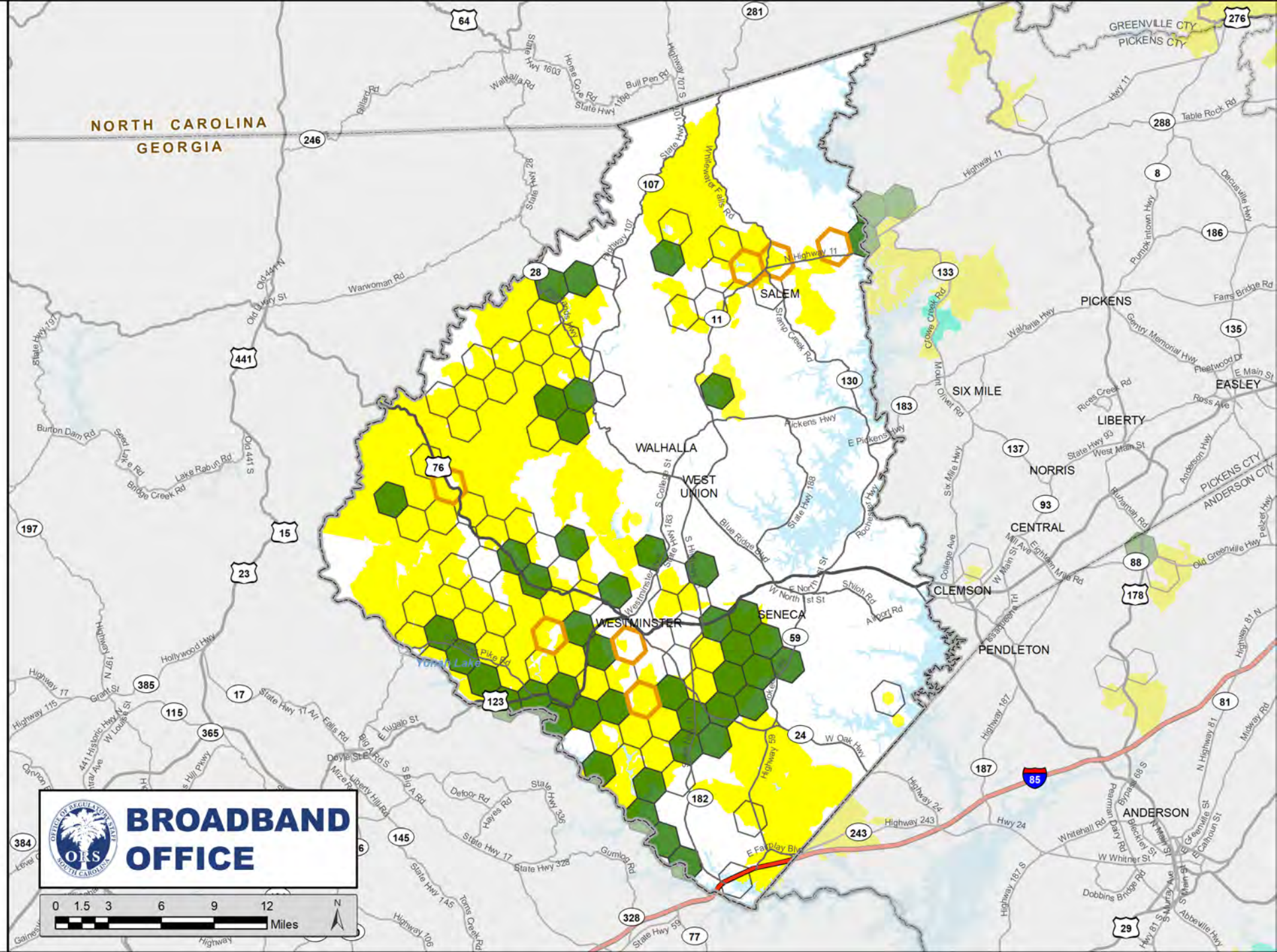
Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 7 within funded projects that are currently under construction in South Carolina.

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Oconee County South Carolina Construction Dashboard

October 29, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

State County

Federal Private

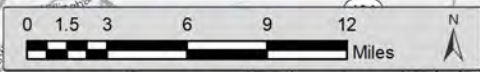
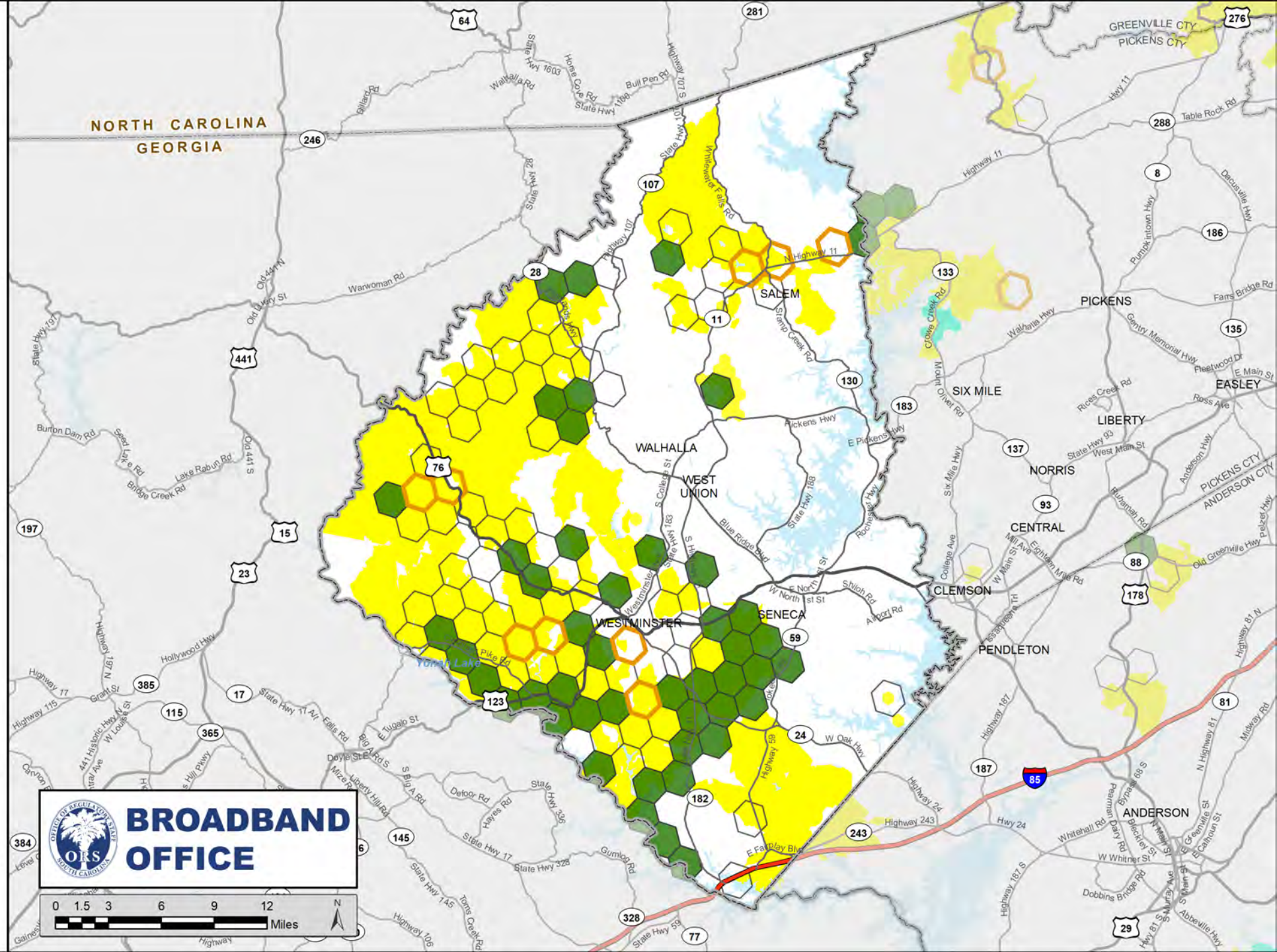
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Oconee County South Carolina Construction Dashboard

November 5, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

State County

Federal Private

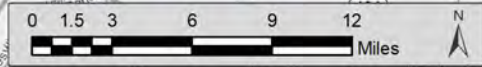
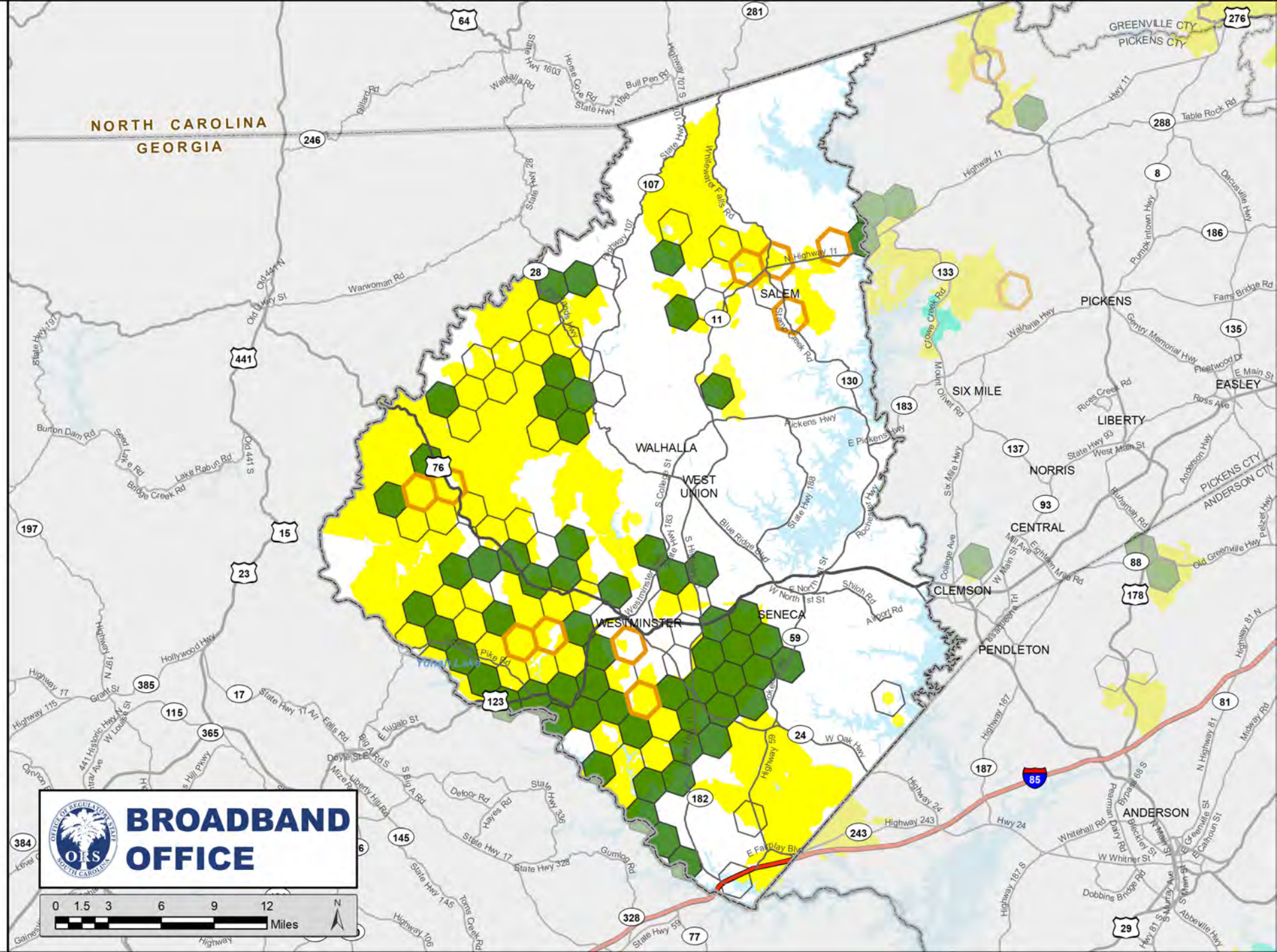
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Oconee County

South Carolina

Construction Dashboard

November 12, 2023



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

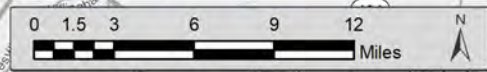
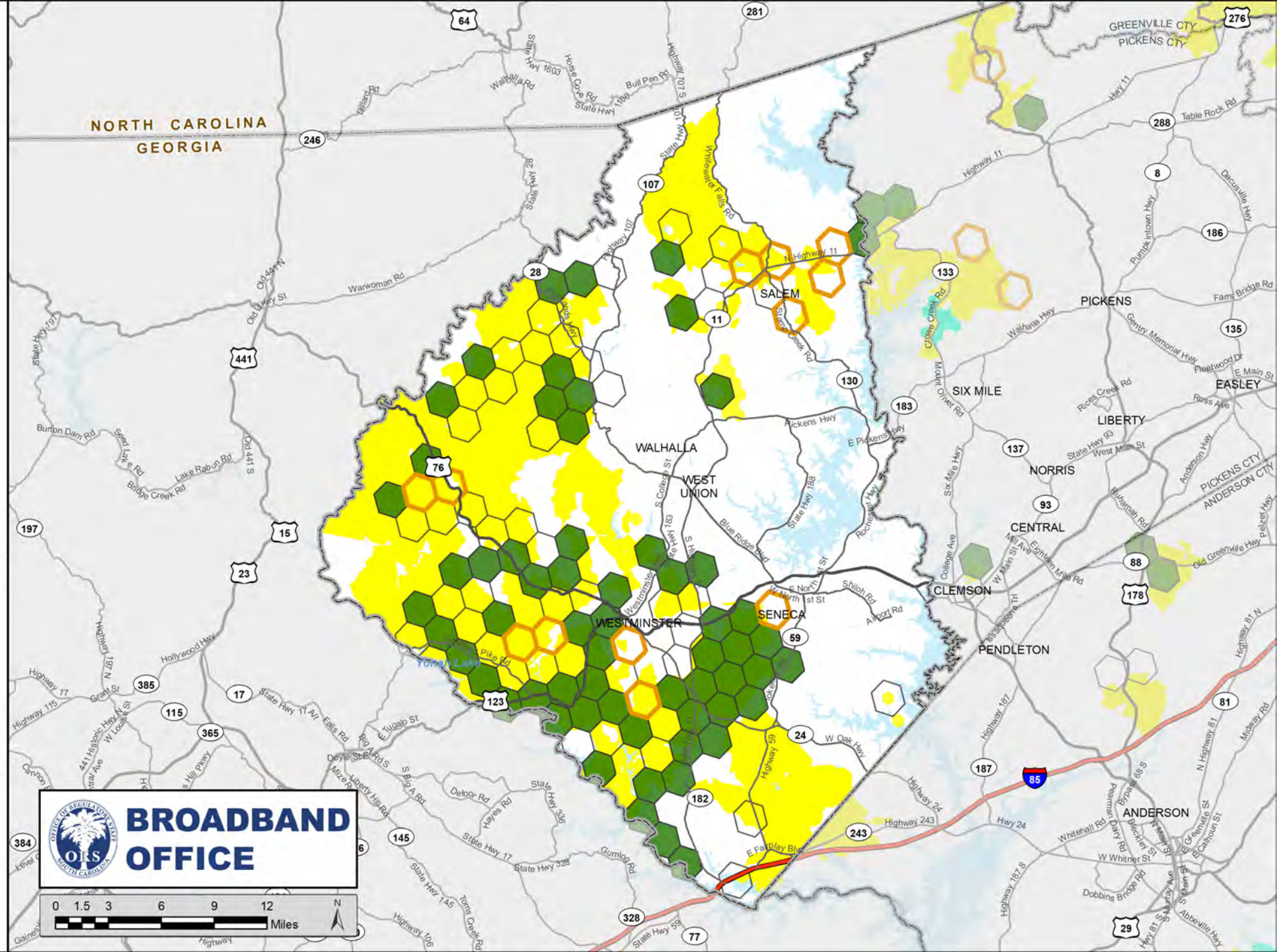
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Oconee County South Carolina Construction Dashboard

November 19, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

State County

Federal Private

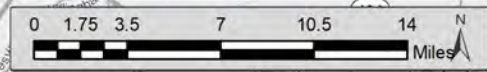
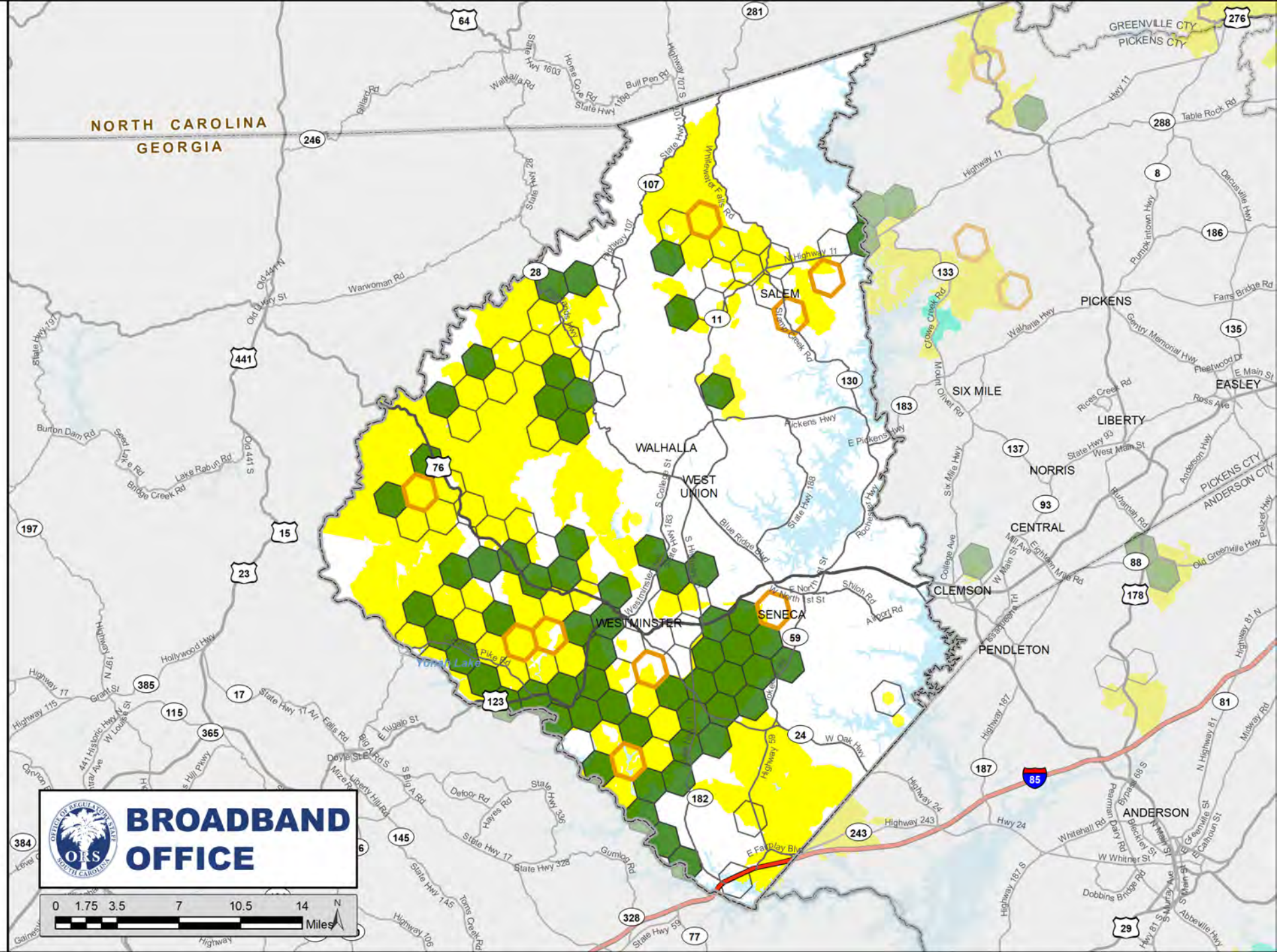
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Oconee County

South Carolina

Construction Dashboard

November 26, 2023



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

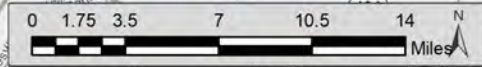
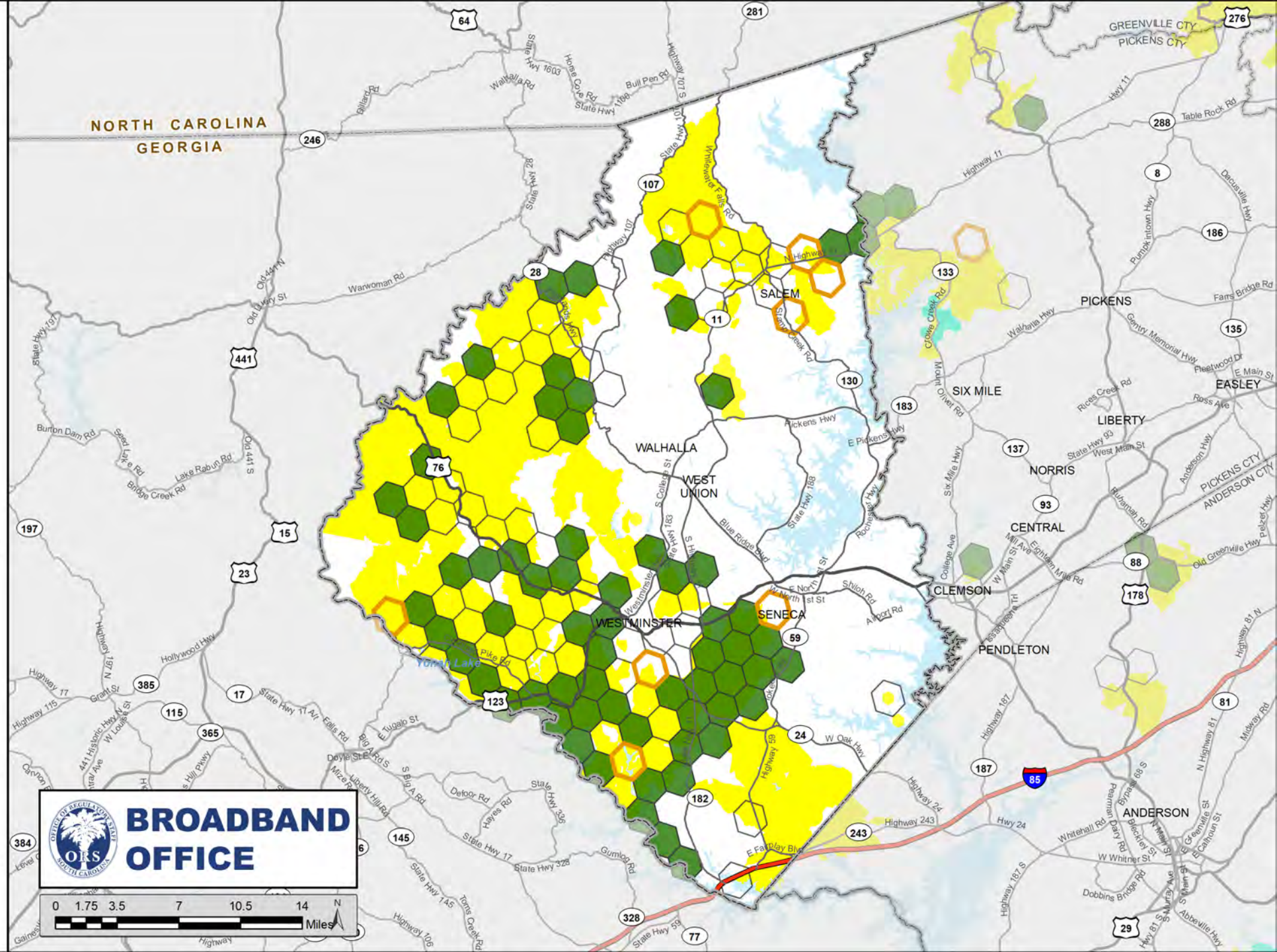
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Oconee County

South Carolina

Construction Dashboard

December 3, 2023



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

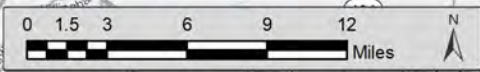
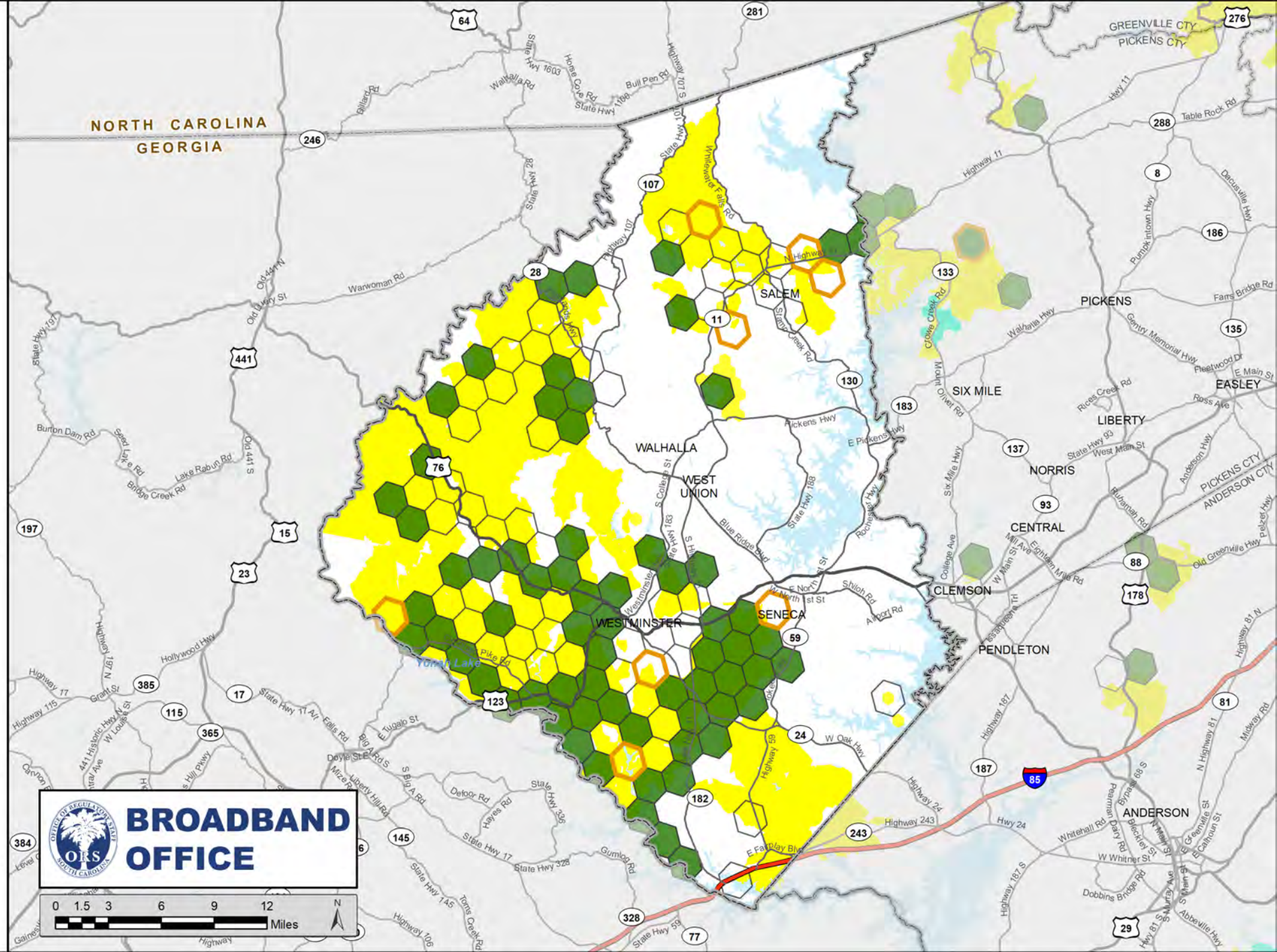
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Oconee County

South Carolina

Construction Dashboard

December 10, 2023



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

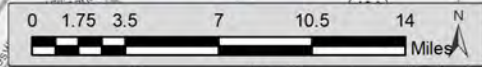
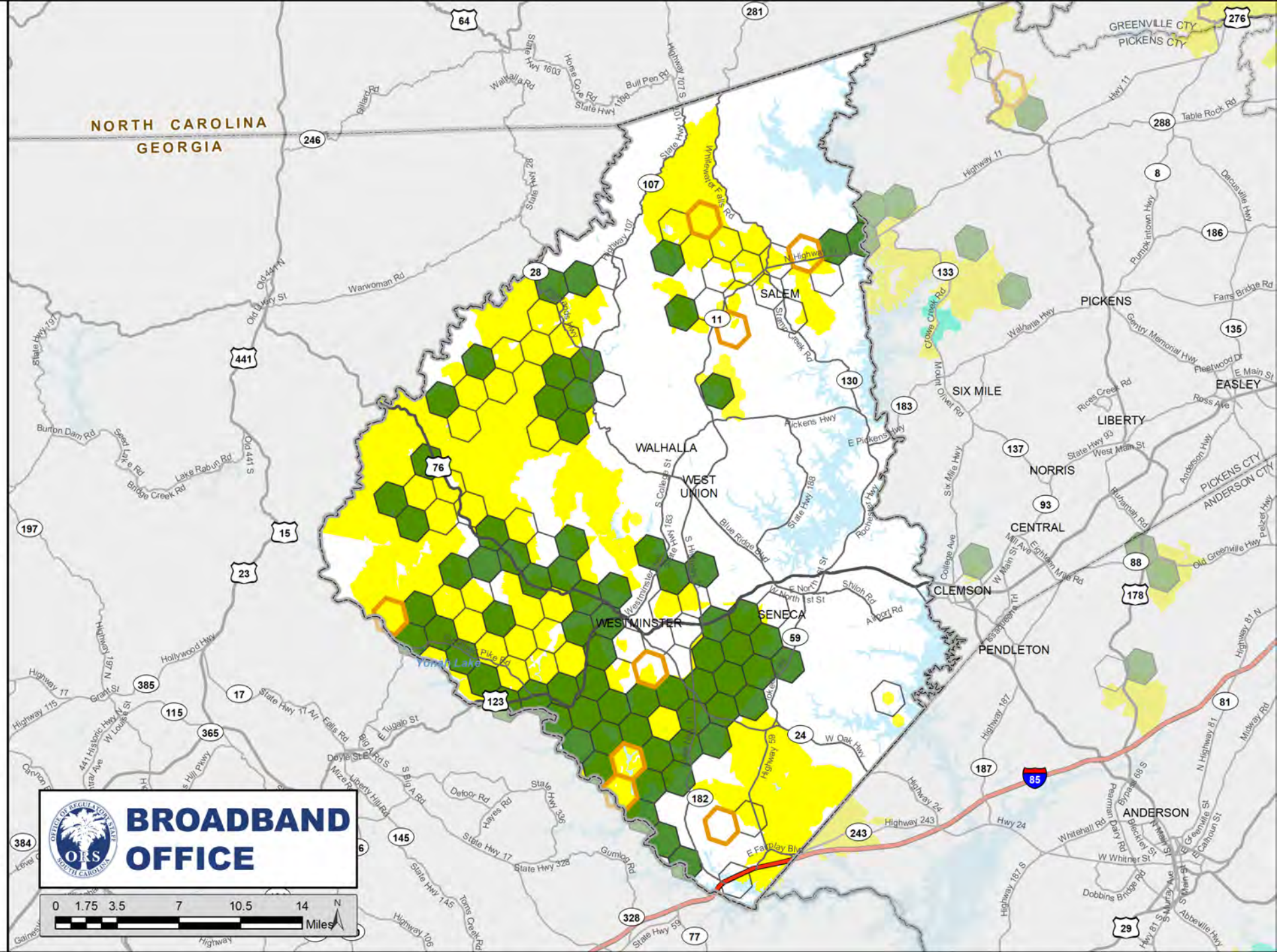
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Oconee County

South Carolina

Construction Dashboard

December 17, 2023



Verified Speed Tiers (download / upload)

>= 100 Mbps / 100 Mbps (symmetric)

>= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

Network Live in Last 30 Days

1+ Ookla Speedtest Results in Project Area

Managed Investment

State County

Federal Private

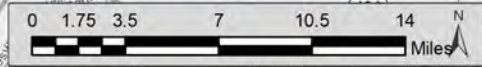
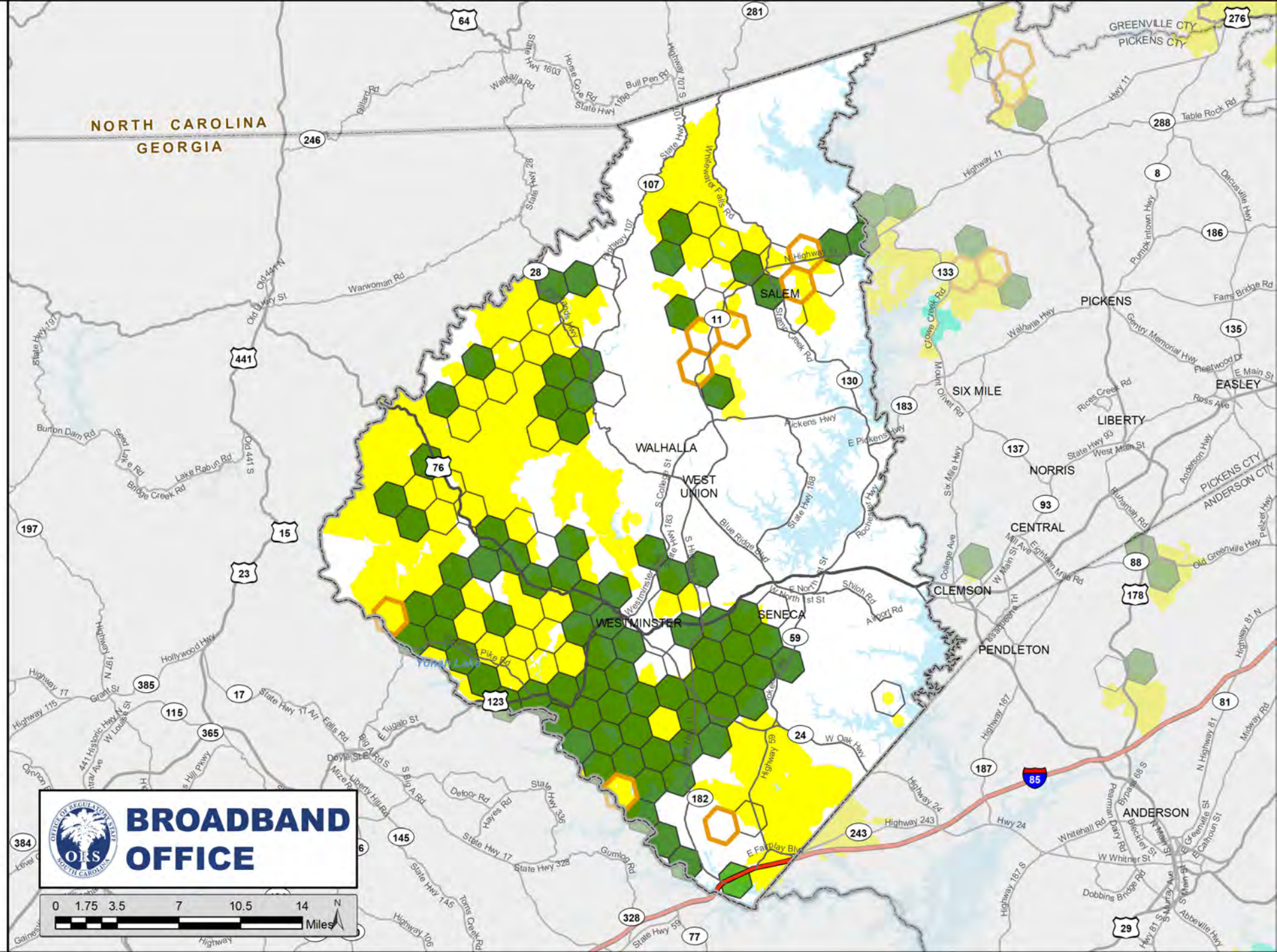
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Oconee County

South Carolina

Construction Dashboard

December 24, 2023



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

 Network Live in Last 30 Days

 1+ Ookla Speedtest Results in Project Area

Managed Investment

 State

 County

 Federal

 Private

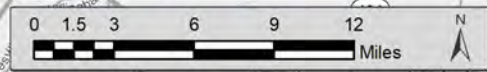
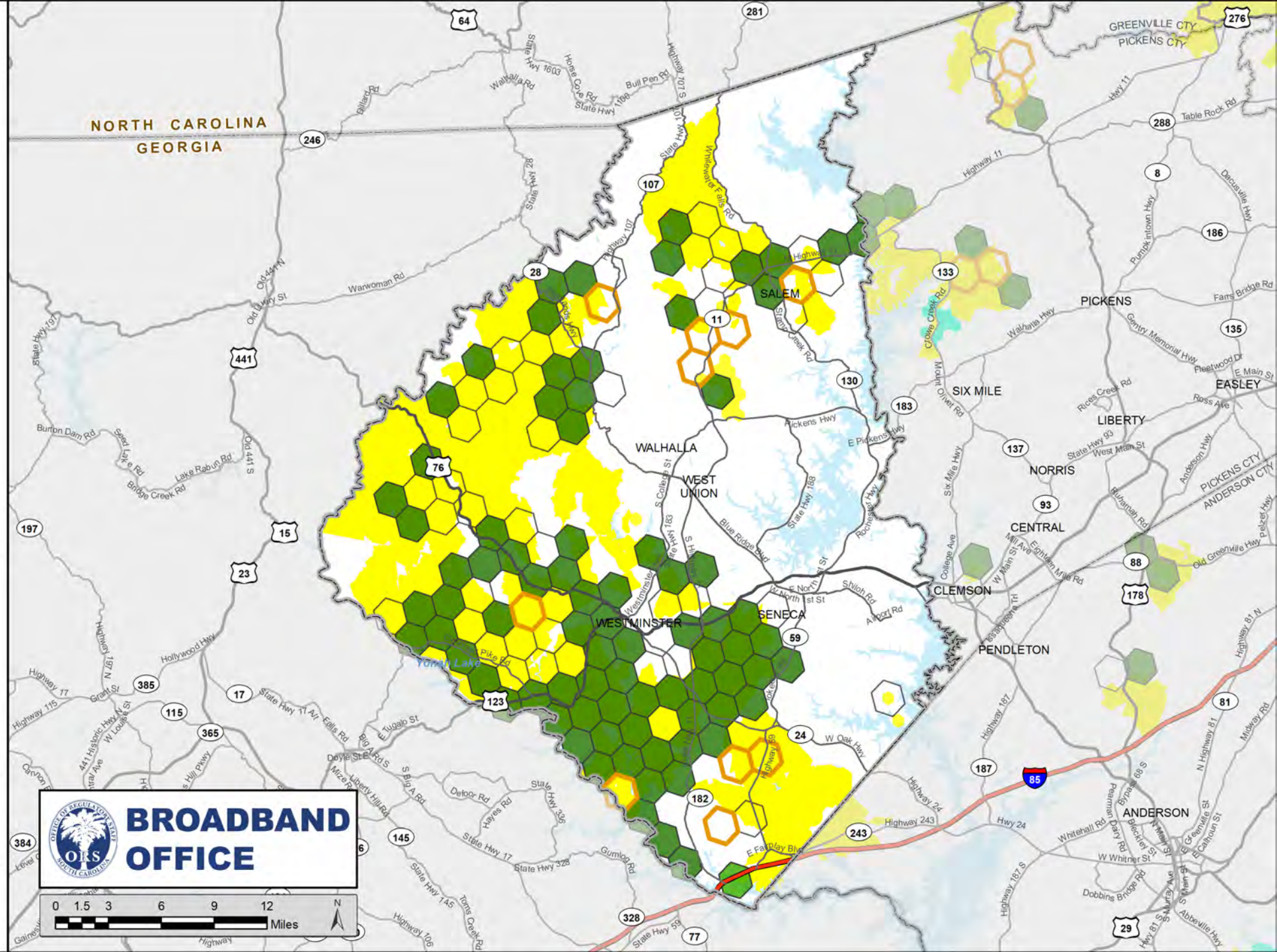
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Oconee County

South Carolina

Construction Dashboard

December 31, 2023



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

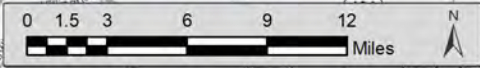
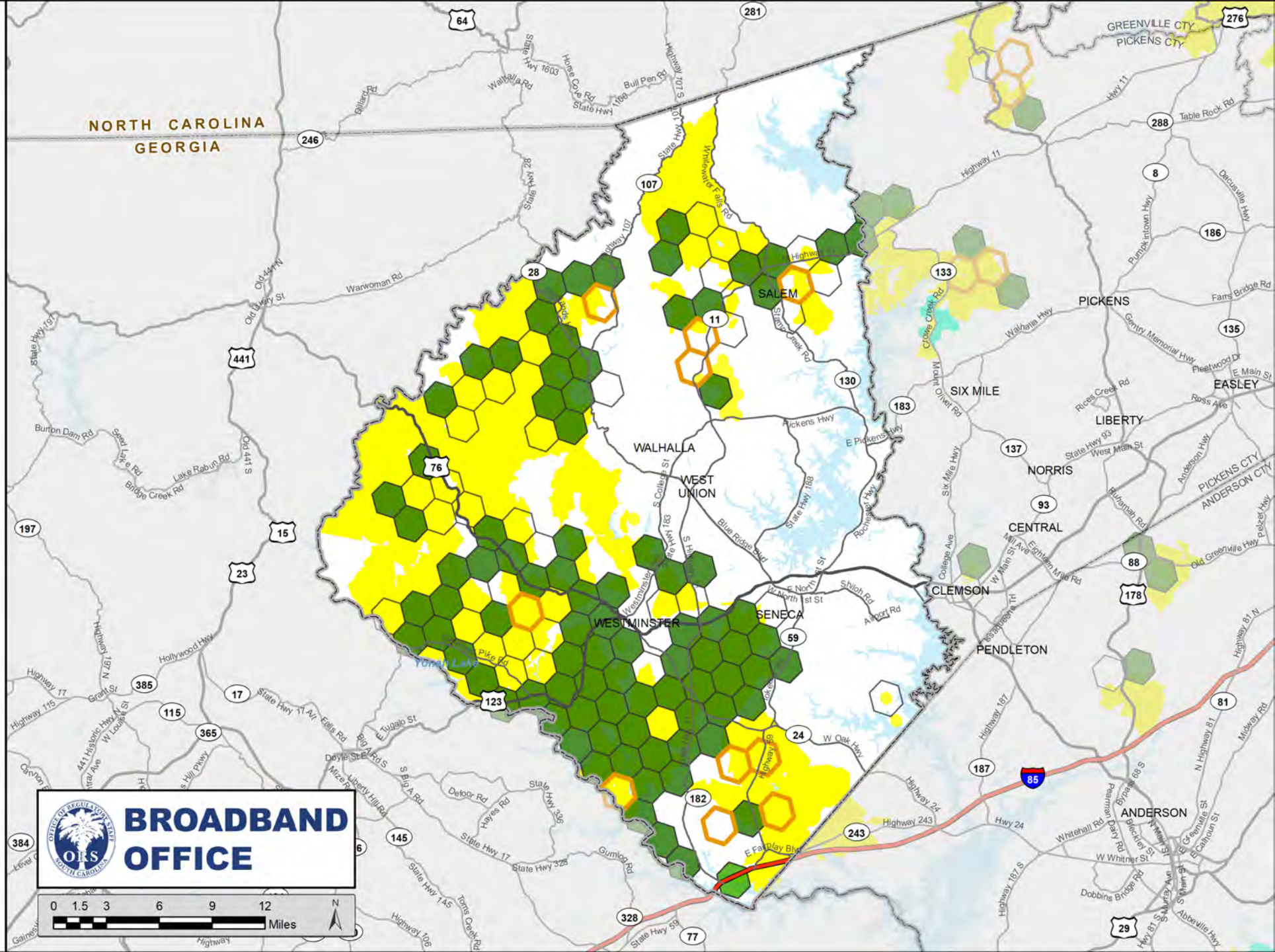
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Oconee County

South Carolina

Construction Dashboard

January 7, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

 Network Live in Last 30 Days

 1+ Ookla Speedtest Results in Project Area

Managed Investment

 State

 County

 Federal

 Private

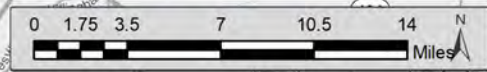
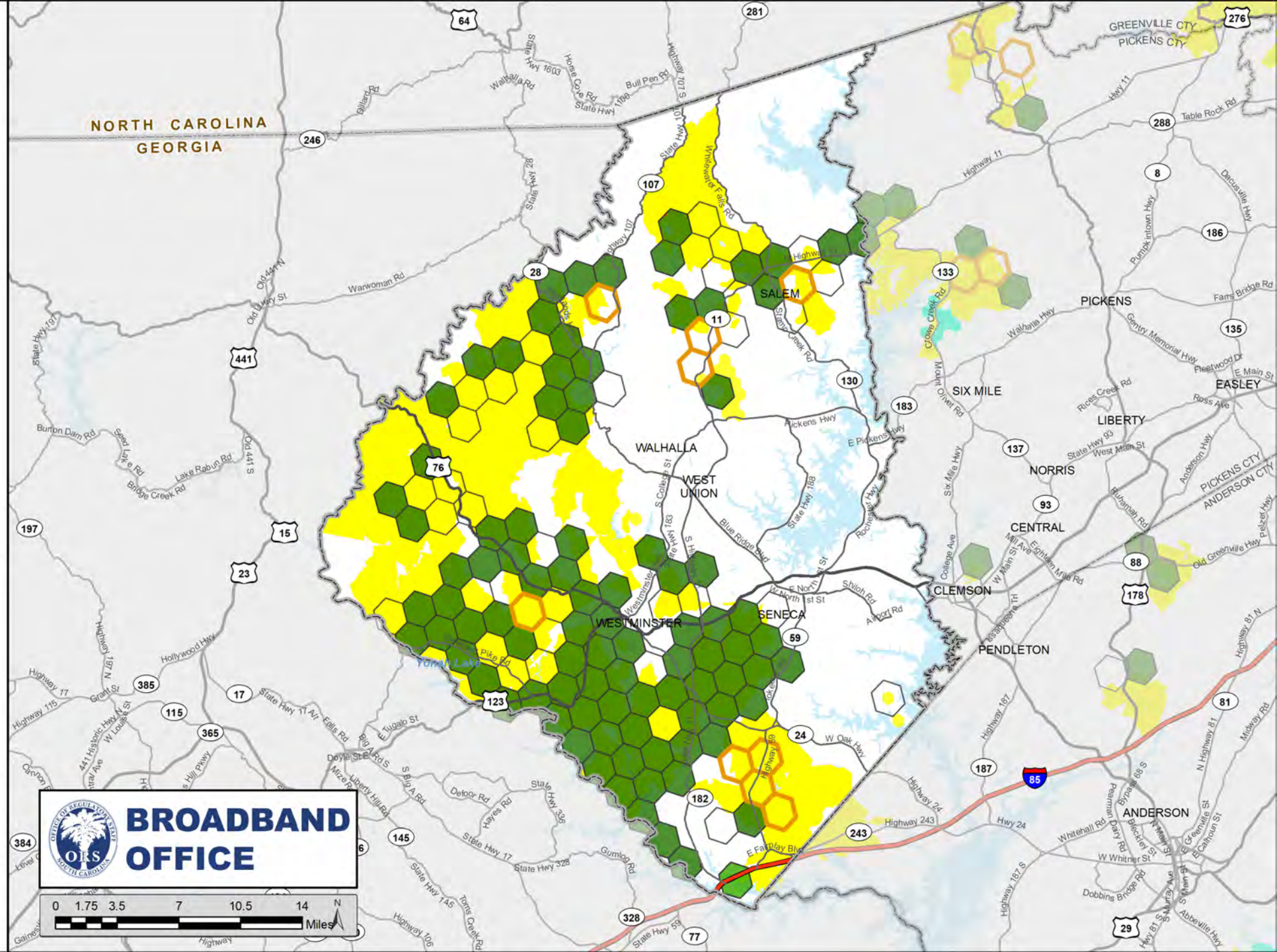
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Oconee County

South Carolina

Construction Dashboard

January 14, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

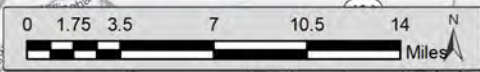
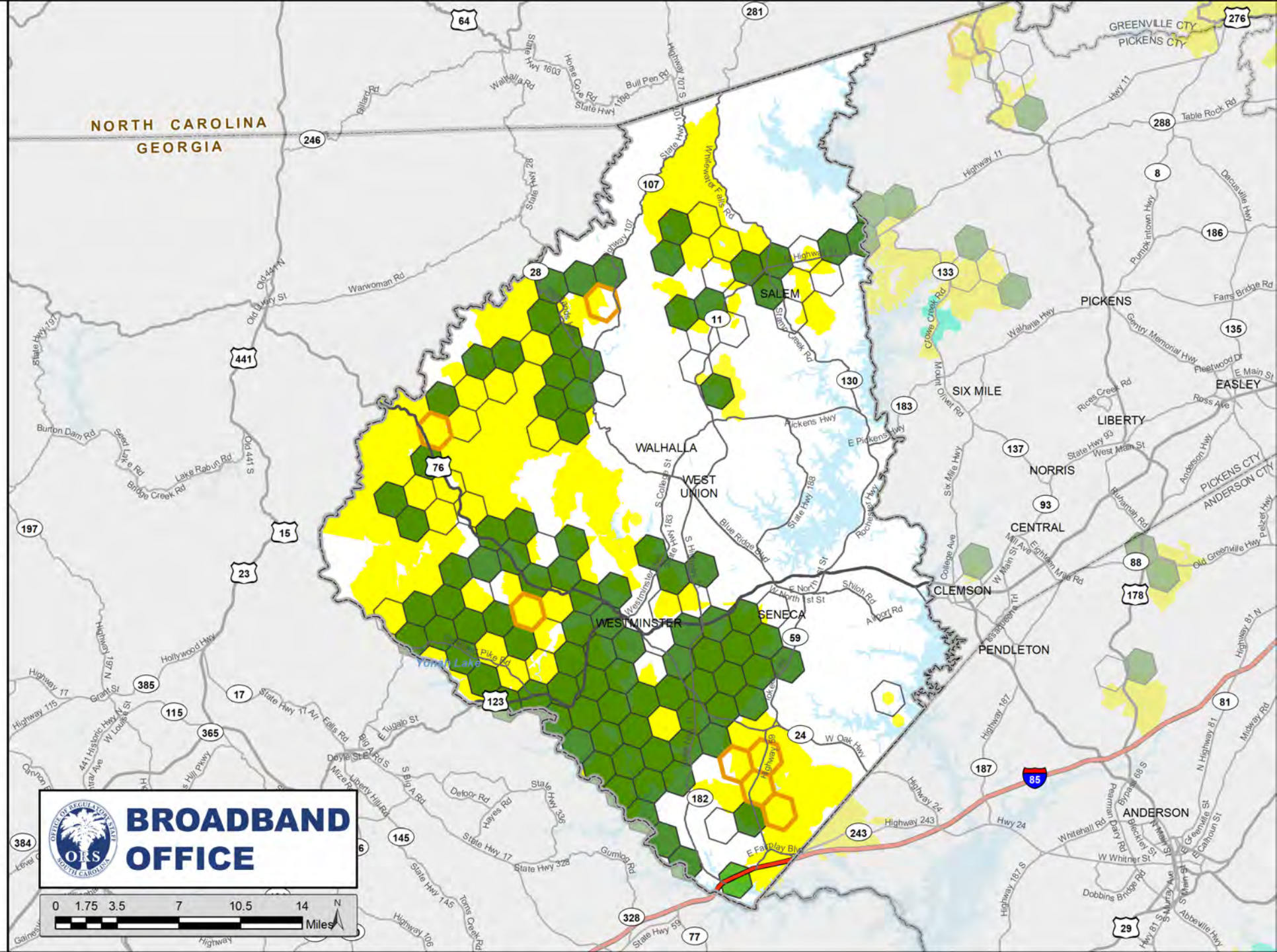
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Oconee County

South Carolina

Construction Dashboard

January 21, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

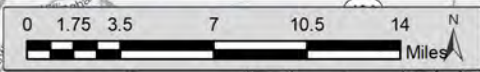
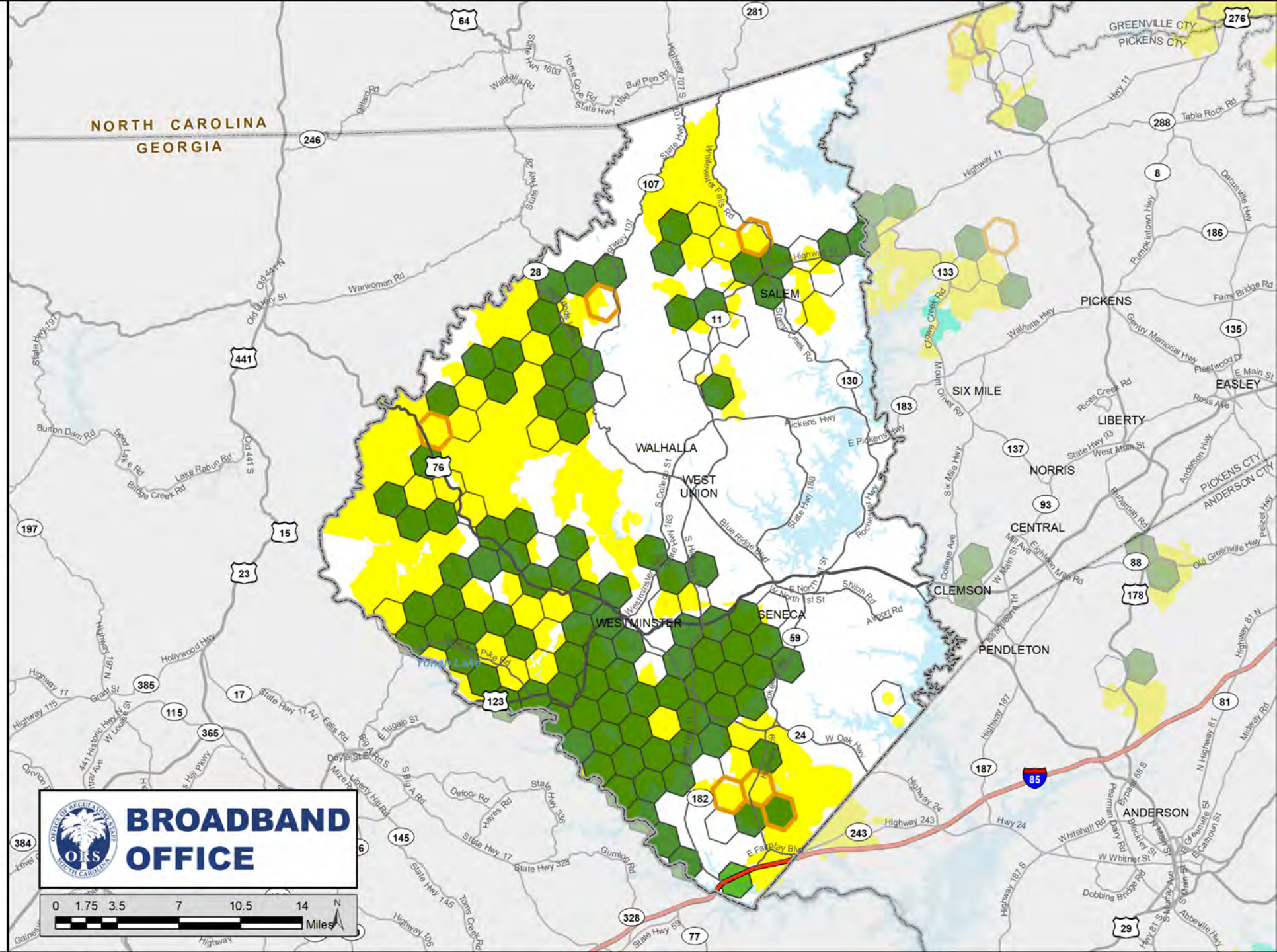
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Oconee County

South Carolina

Construction Dashboard

January 28, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

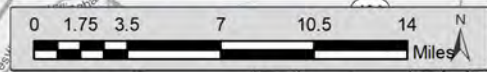
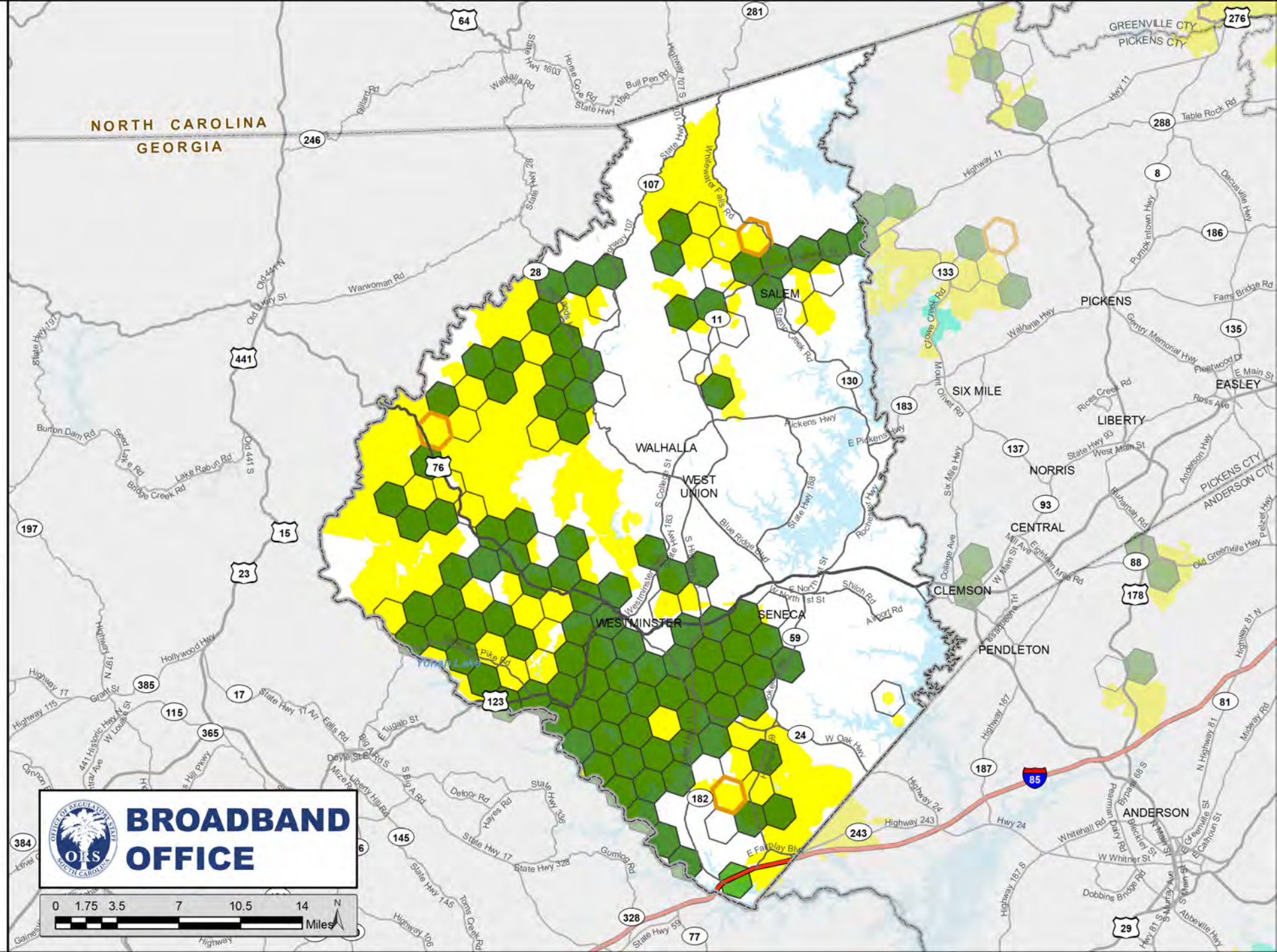
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Oconee County

South Carolina

Construction Dashboard

February 4, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

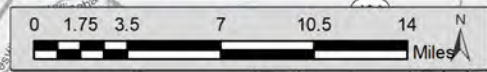
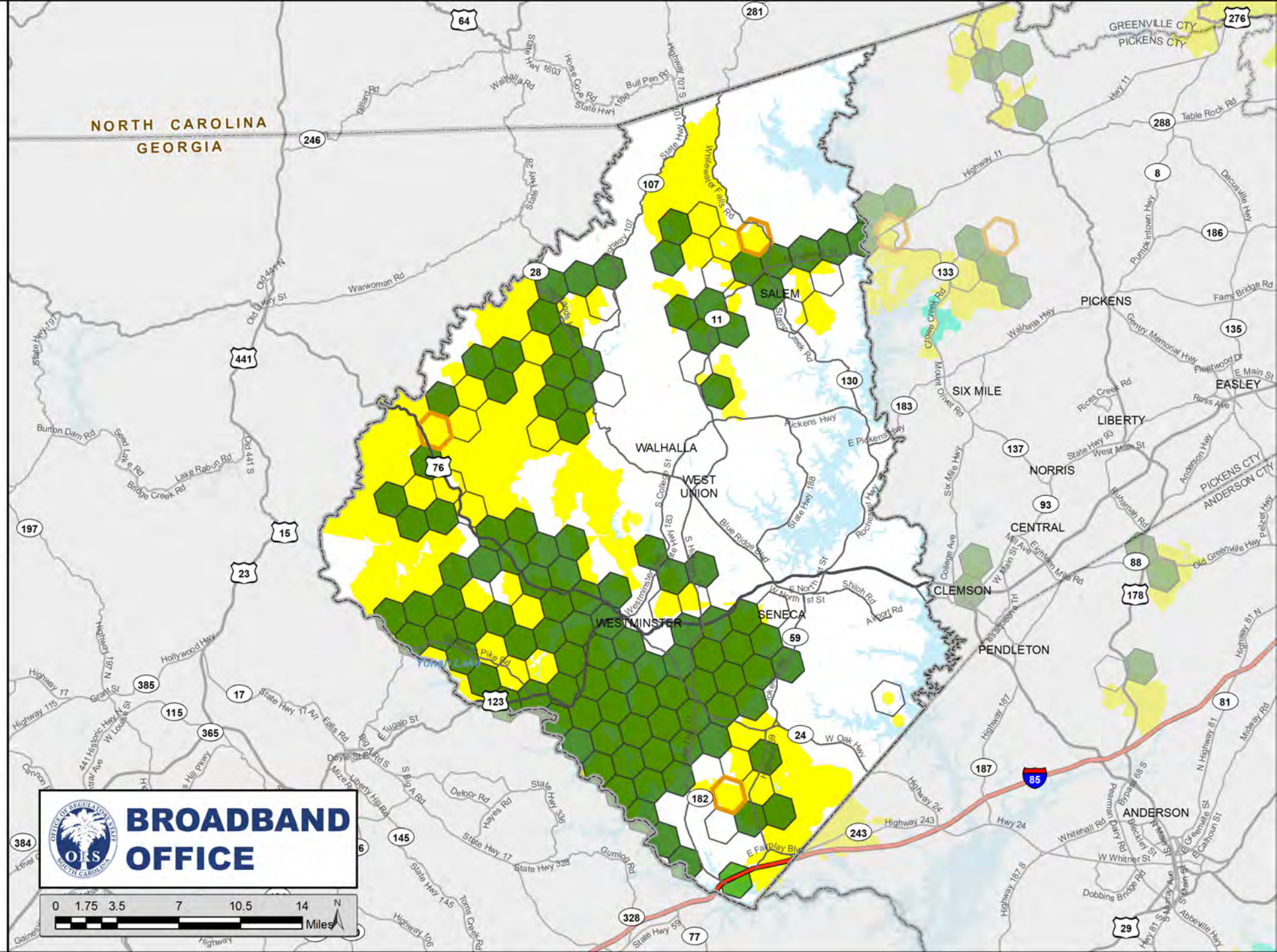
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Oconee County

South Carolina

Construction Dashboard

February 11, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

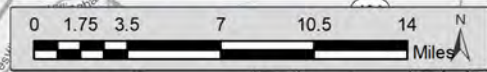
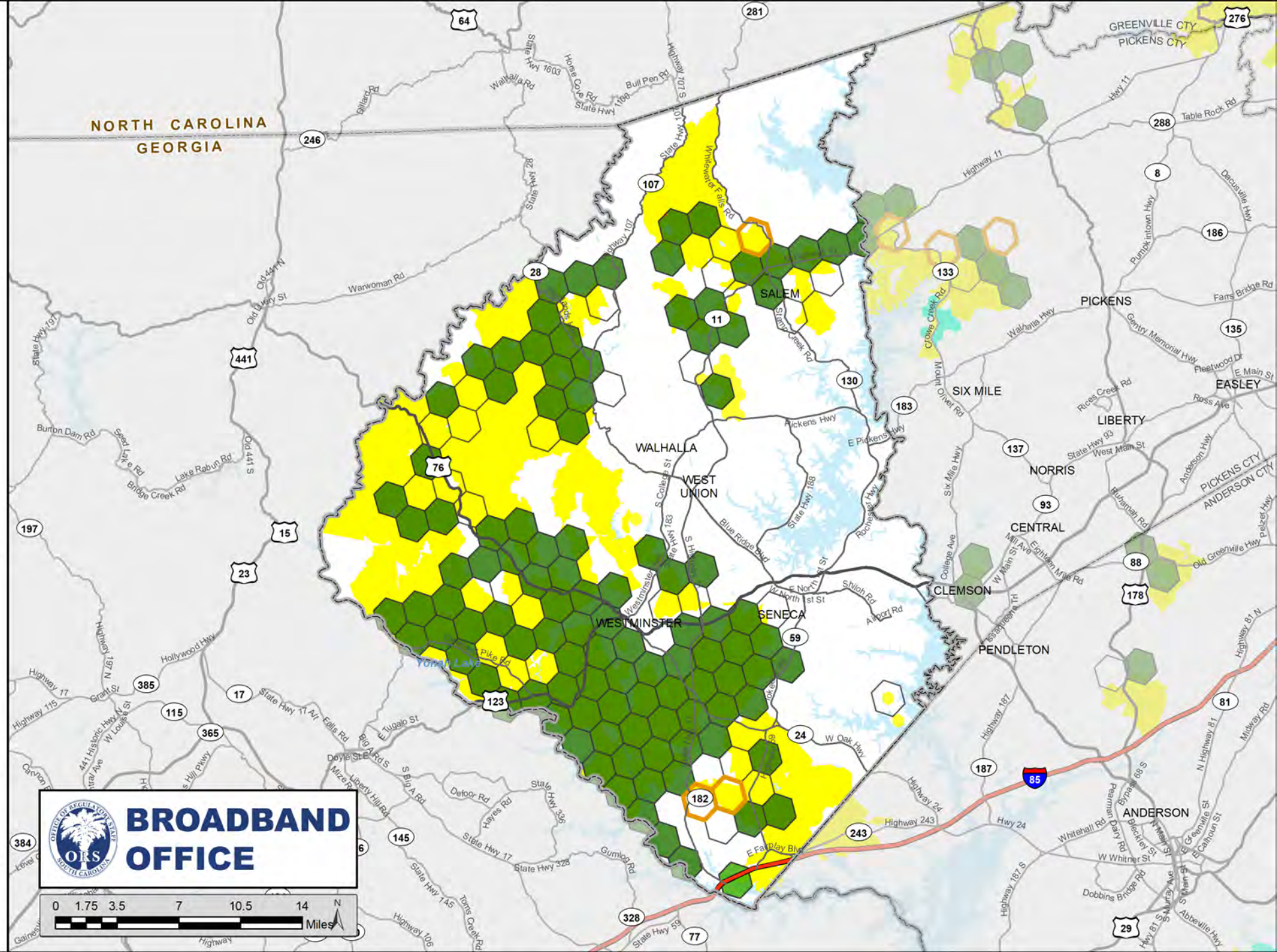
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Oconee County

South Carolina

Construction Dashboard

February 18, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

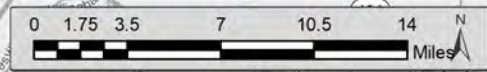
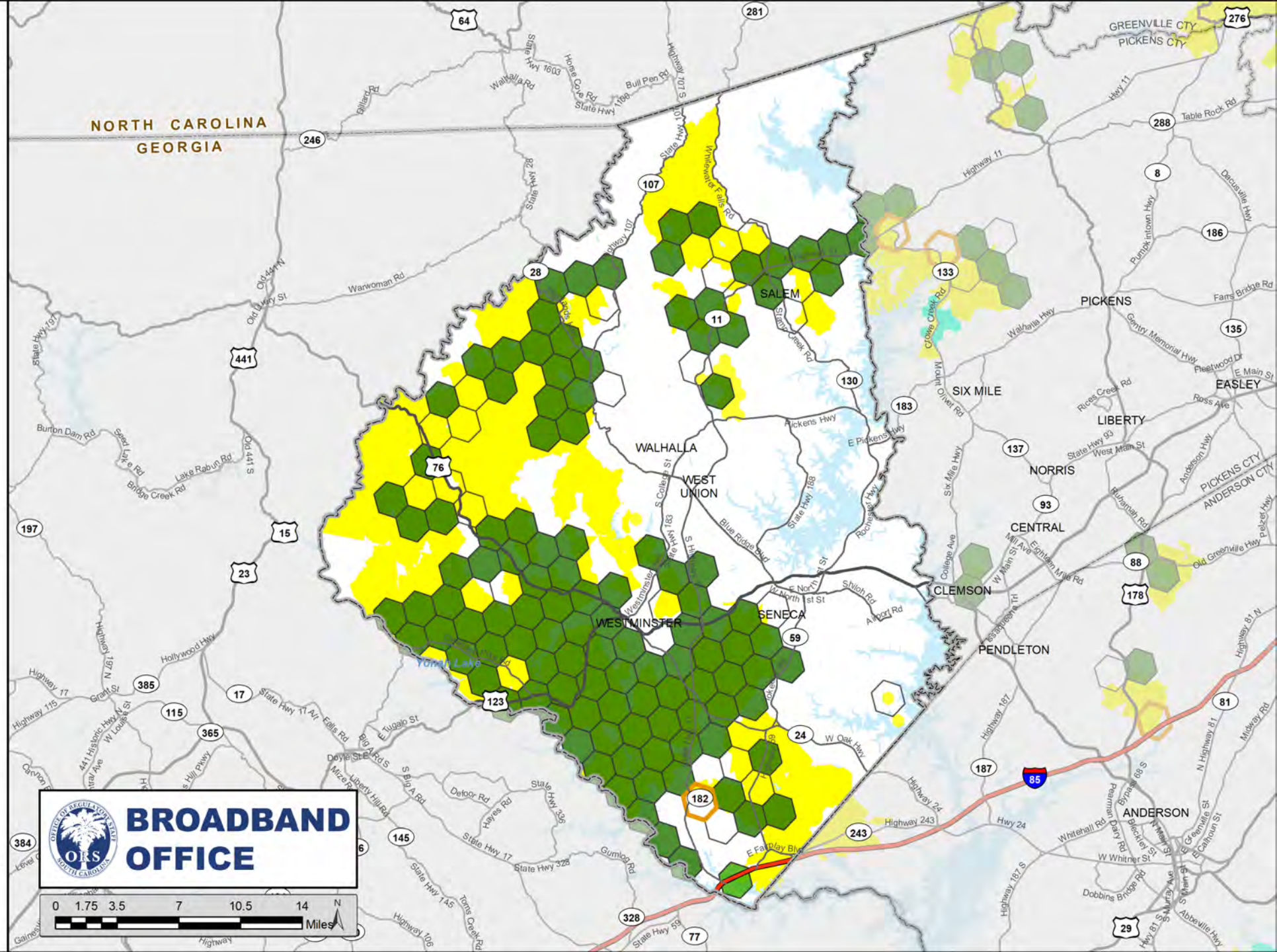
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Oconee County

South Carolina

Construction Dashboard

February 25, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

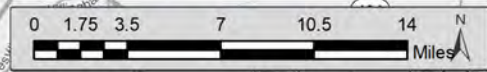
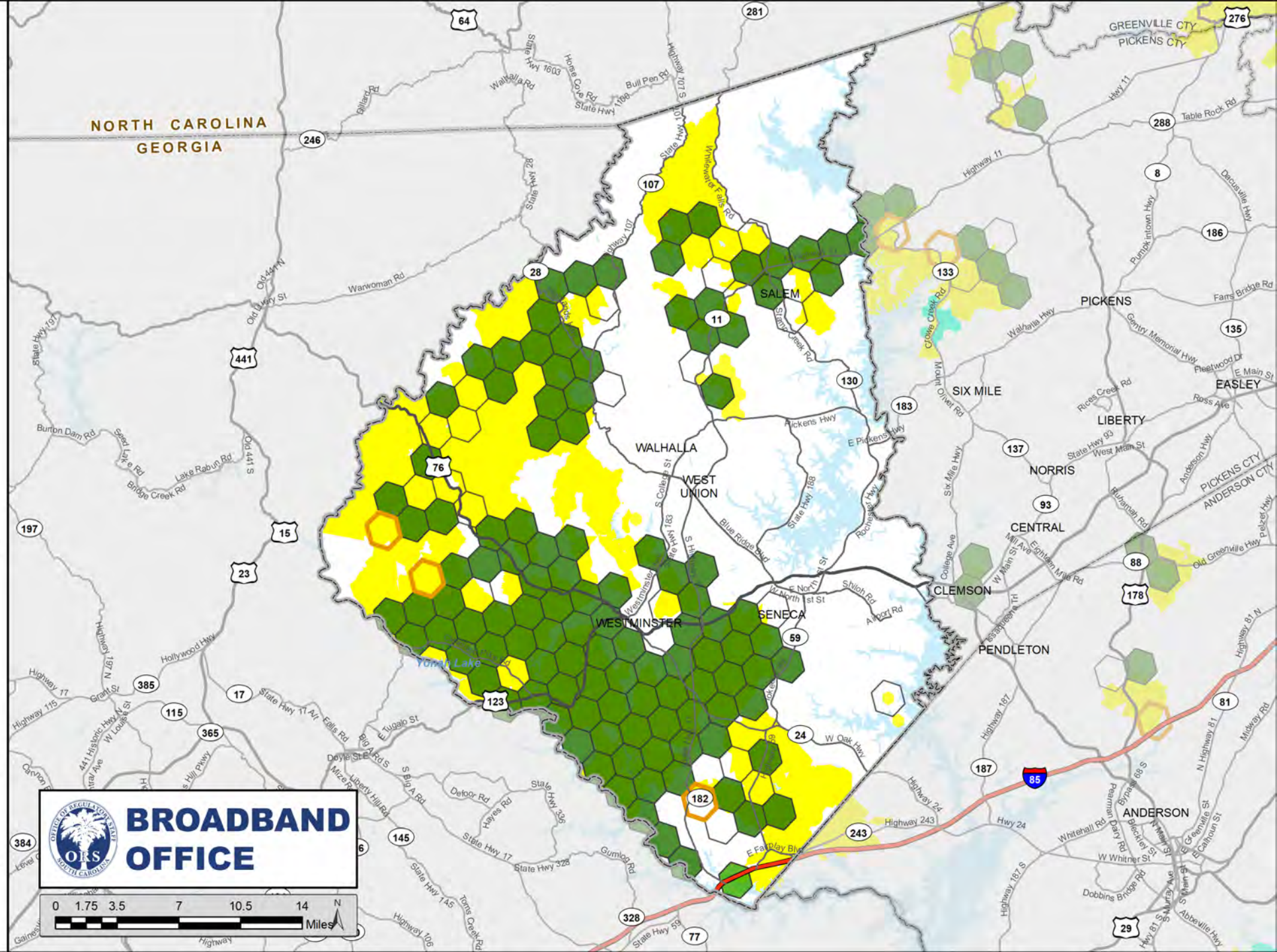
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Oconee County

South Carolina

Construction Dashboard

March 3, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

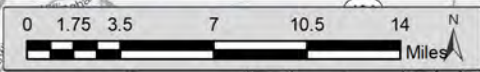
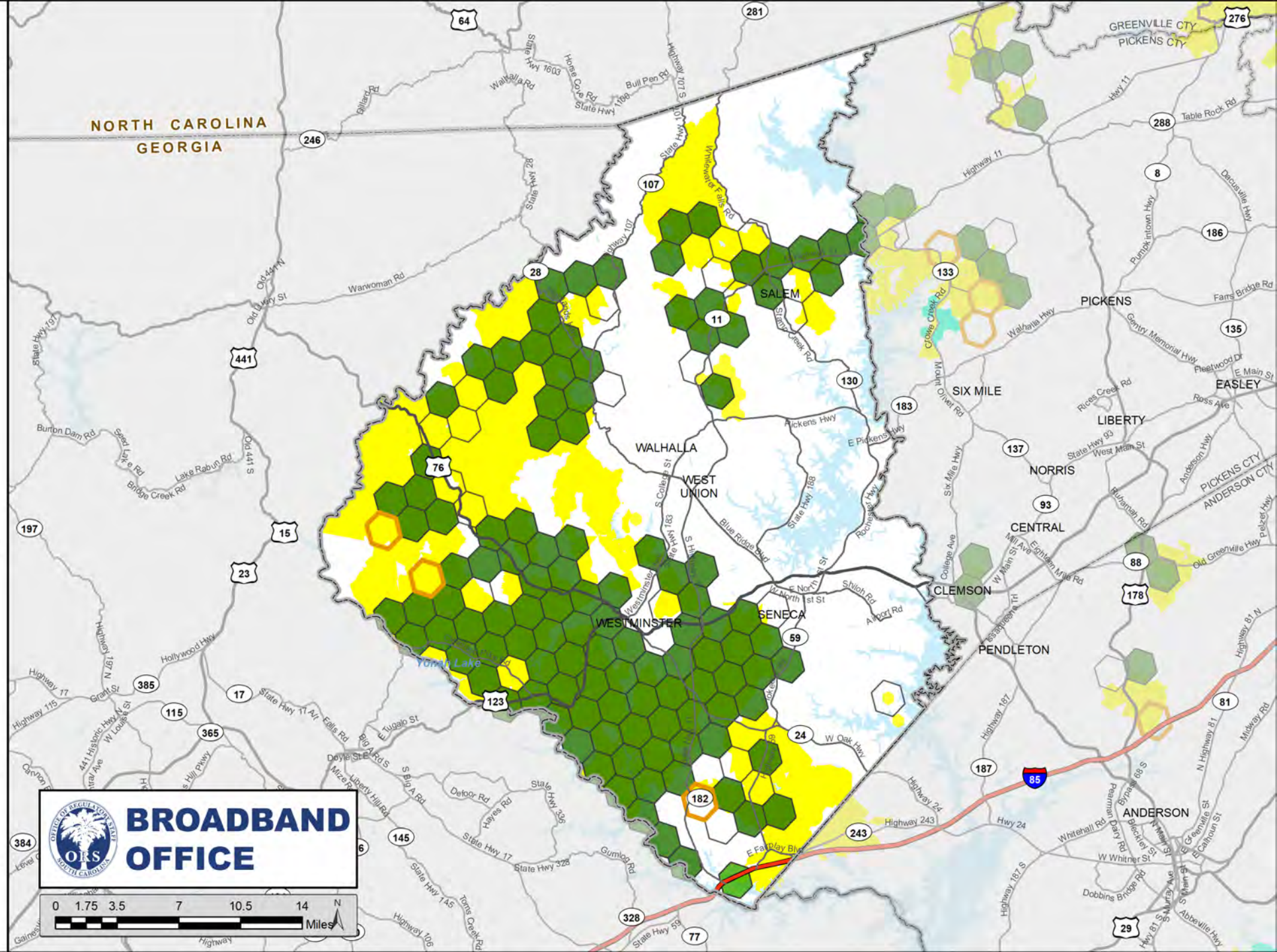
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Oconee County

South Carolina

Construction Dashboard

March 10, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

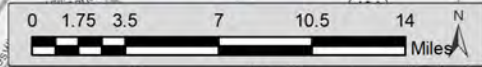
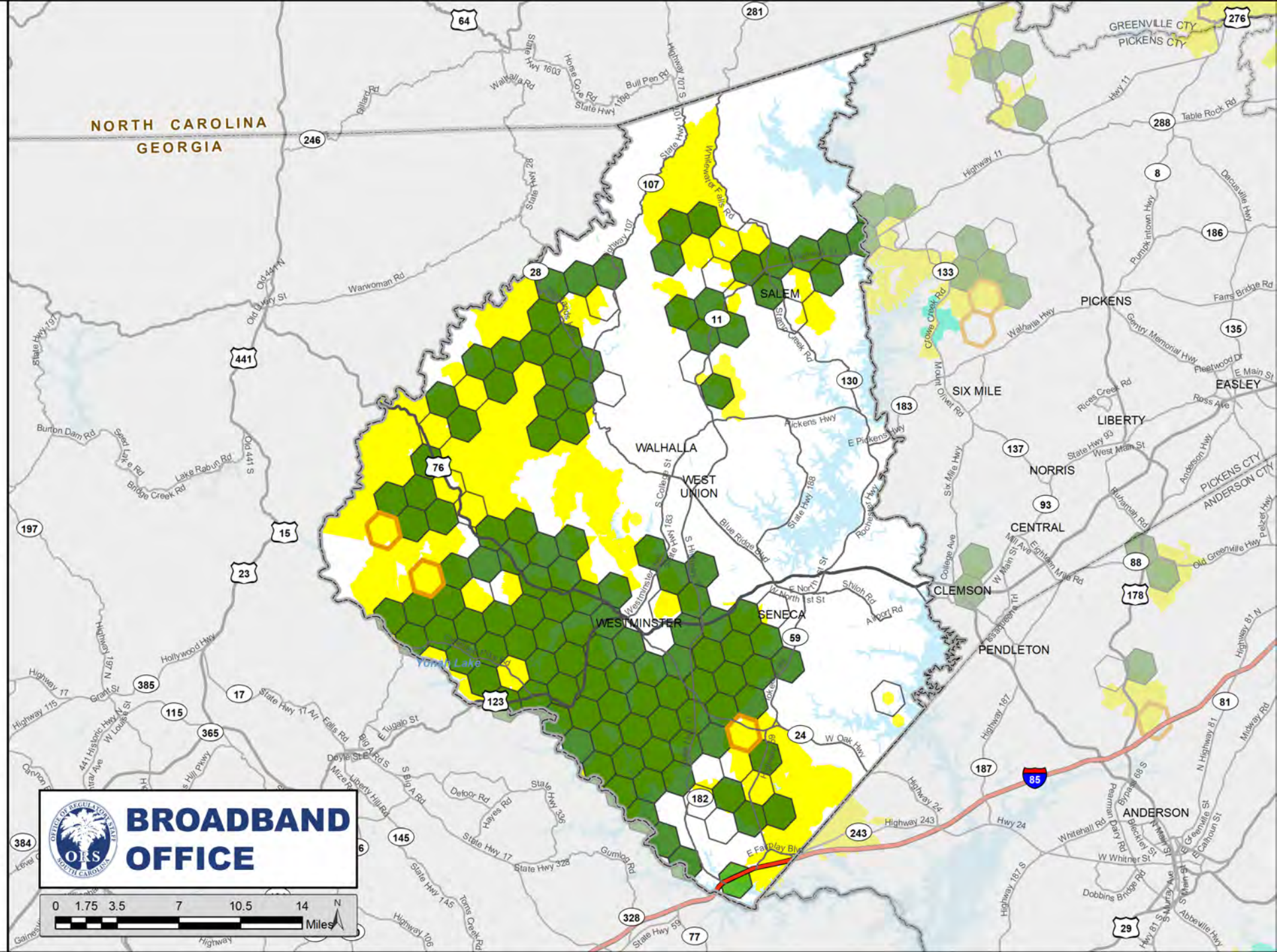
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Oconee County

South Carolina

Construction Dashboard

March 17, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

 Network Live in Last 30 Days

 1+ Ookla Speedtest Results in Project Area

Managed Investment

 State County

 Federal Private

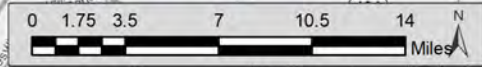
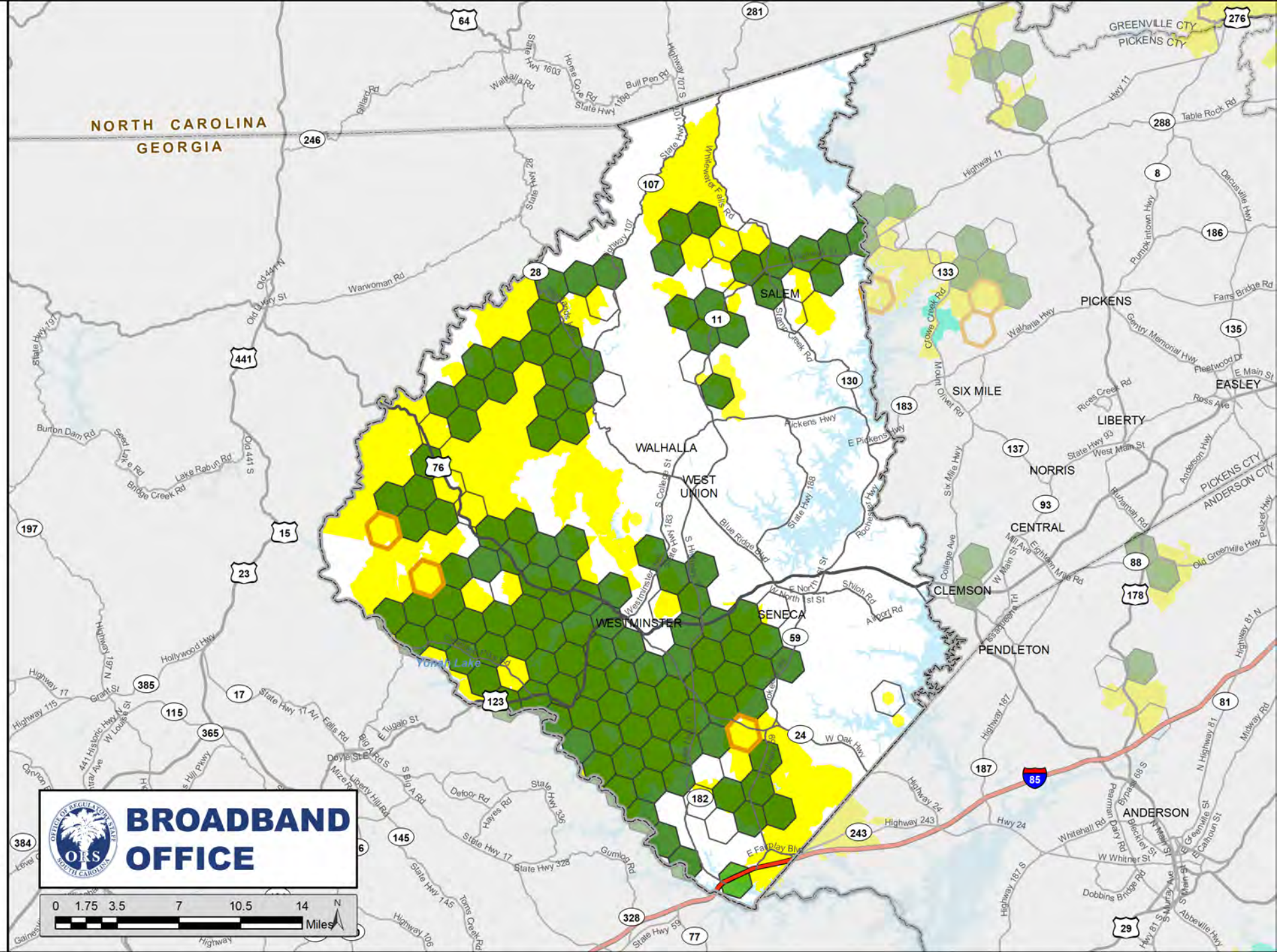
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Oconee County

South Carolina

Construction Dashboard

March 24, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

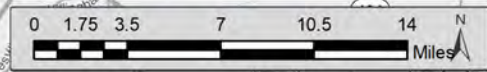
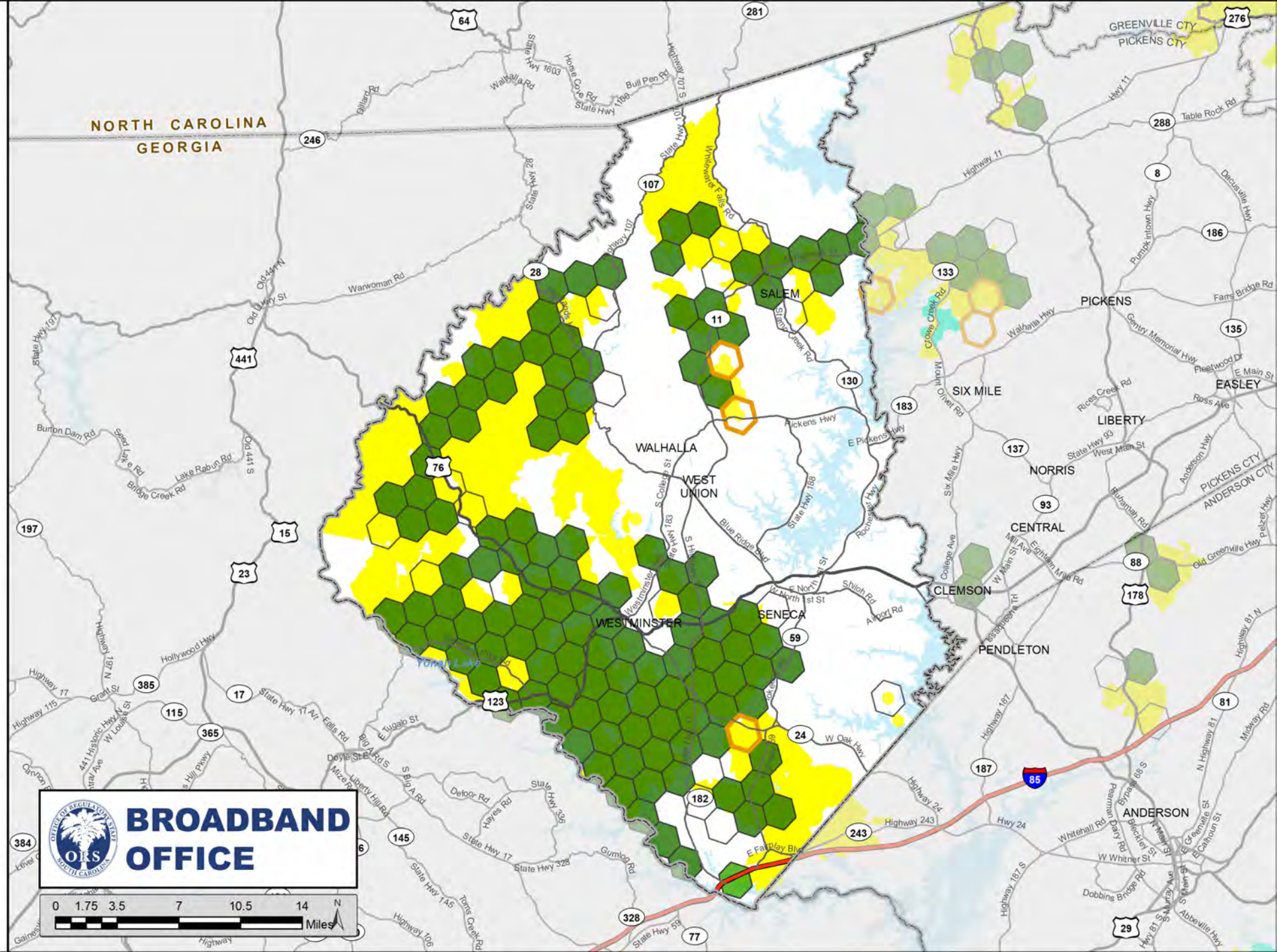
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Oconee County

South Carolina

Construction Dashboard

March 31, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 50+ Ookla Speedtest Results and 15+ Users in Project Area

Construction Status

□ Network Live in Last 30 Days

□ 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

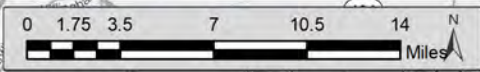
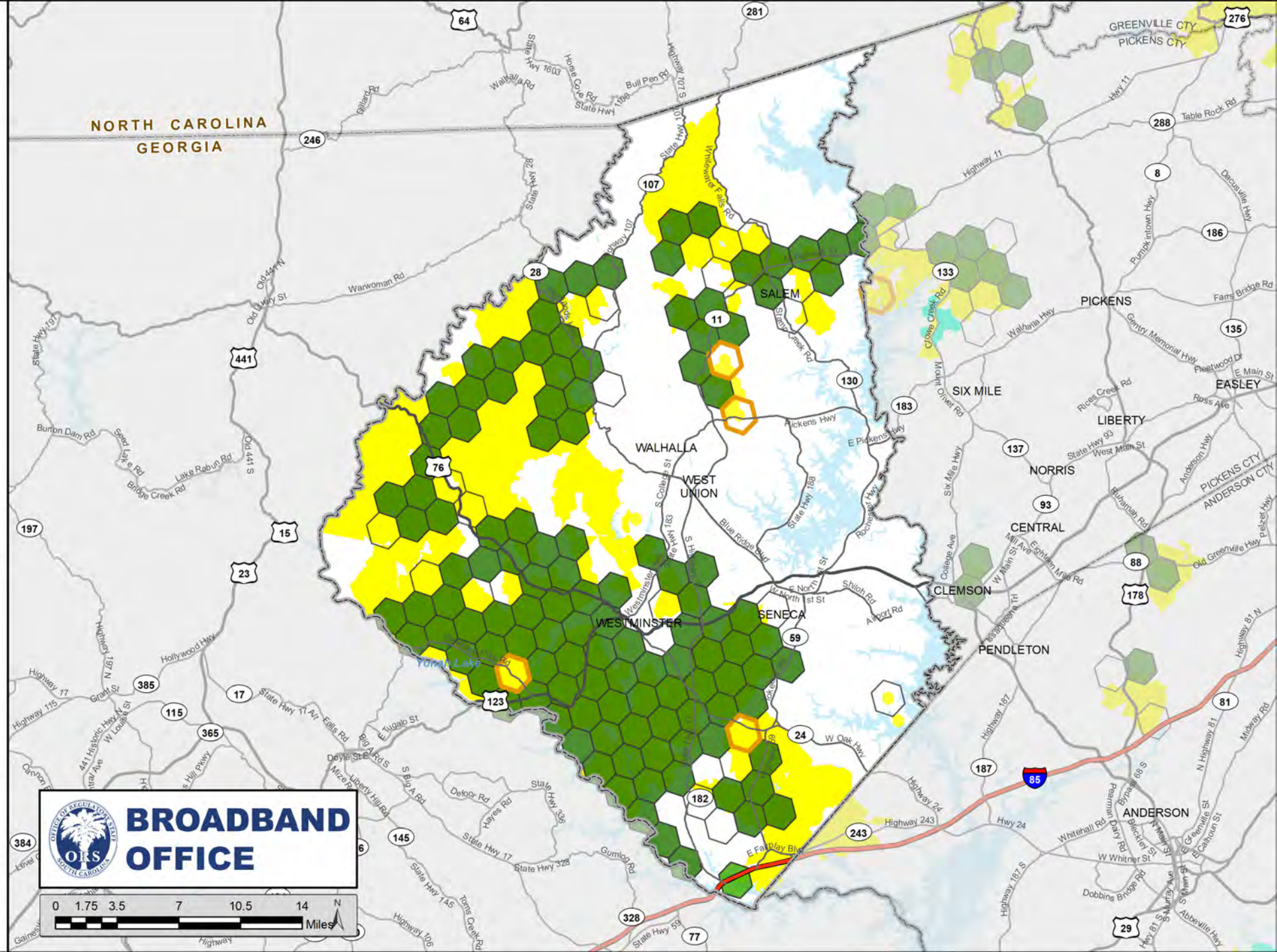
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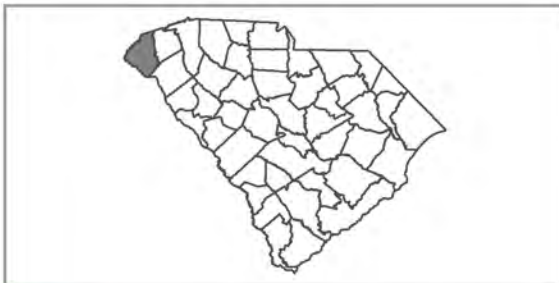
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Oconee County South Carolina Construction Dashboard

March 31, 2024



Verified Speed Tiers (download / upload)

■ >= 100 Mbps / 100 Mbps (symmetric)

■ >= 100 Mbps / 20 Mbps

with 5+ Ookla Speedtest Results and 3+ Users in Project Area

Construction Status

 Network Live in Last 30 Days

 1+ Ookla Speedtest Results in Project Area

Managed Investment

■ State ■ County

■ Federal ■ Private

Data Sources: Based on SC Broadband Office (SCBBO) analysis of near real-time Ookla Speedtest Intelligence® data at H3 Resolution 8 within funded projects that are currently under construction in South Carolina.

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0 0.0750.15 0.3 0.45 0.6 Miles

Allendale, Bamberg & Hampton

South Carolina

Construction Dashboard

September 30, 2023



- Verified Speed Tiers (download / upload)**
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 50+ Ookla Speedtest Results and 15+ Users in Project Area
- Construction Status**
- Network Live in Last 30 Days
 - 1+ Ookla Speedtest Results in Project Area
- Managed Investment**
- | | |
|---|---|
| State | County |
| Federal | Private |

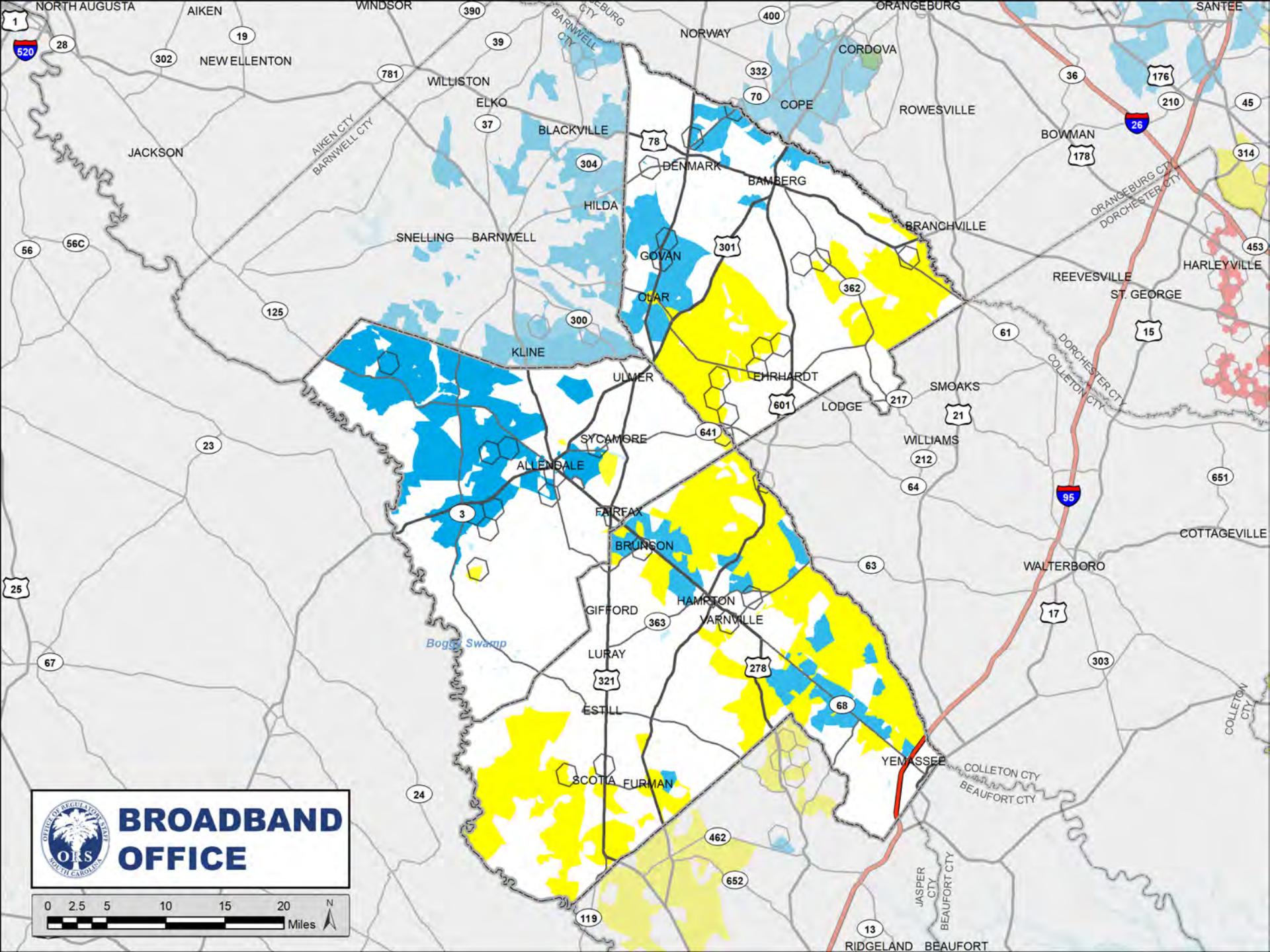
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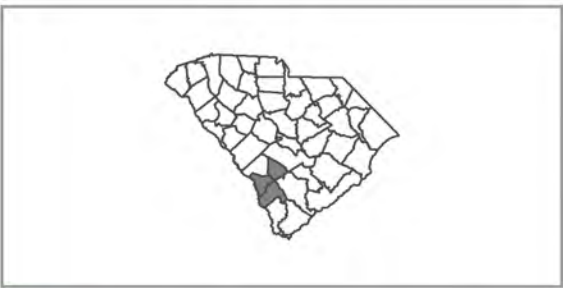
0 2.5 5 10 15 20 Miles

Allendale, Bamberg & Hampton

South Carolina

Construction Dashboard

October 31, 2023



- Verified Speed Tiers (download / upload)**
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 50+ Ookla Speedtest Results and 15+ Users in Project Area
- Construction Status**
- Network Live in Last 30 Days
 - 1+ Ookla Speedtest Results in Project Area
- Managed Investment**
- State
 - County
 - Federal
 - Private

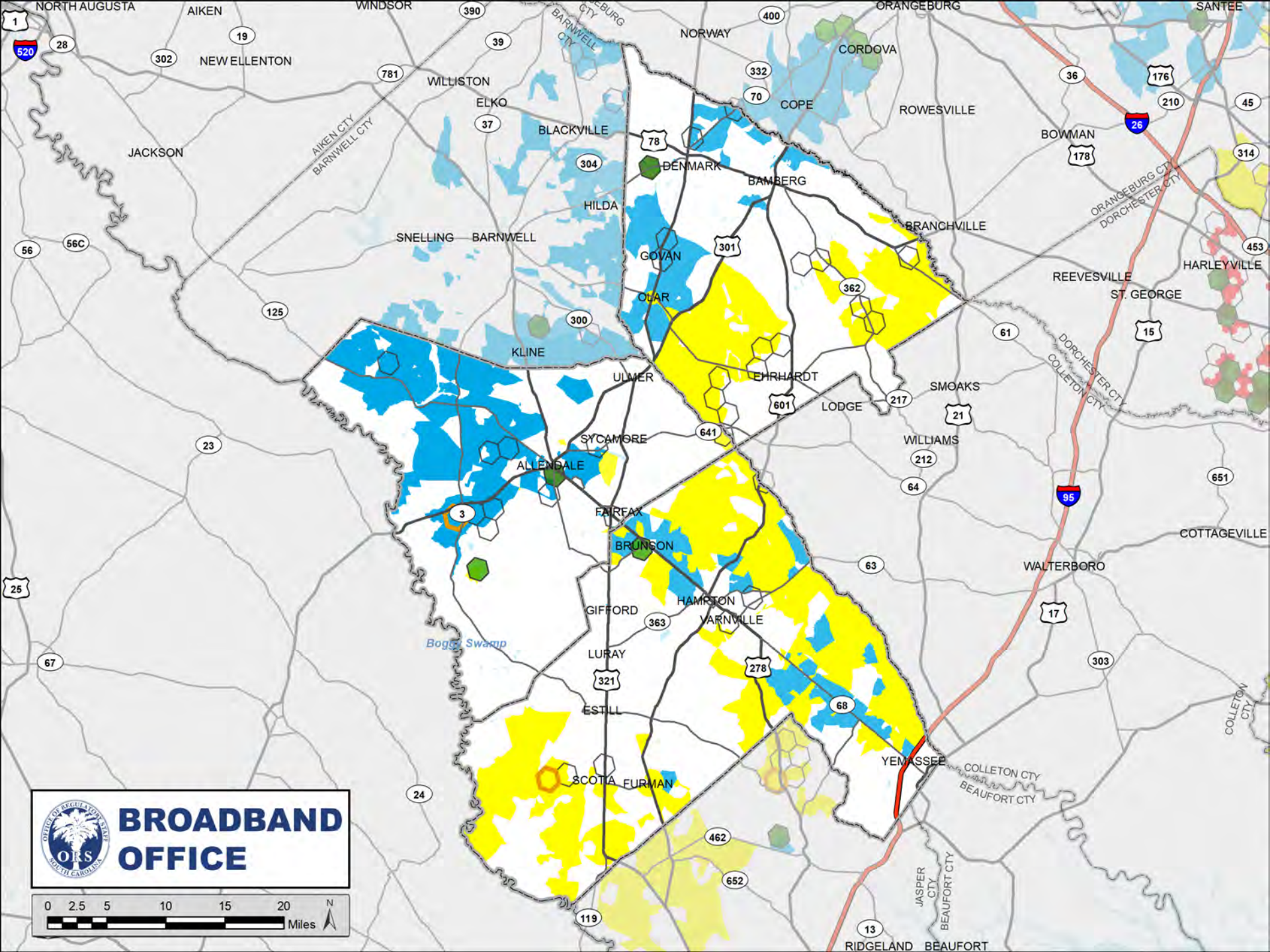
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BROADBAND OFFICE

0 2.5 5 10 15 20 Miles

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South Carolina

Construction Dashboard

November 30, 2023



- Verified Speed Tiers (download / upload)**
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 50+ Ookla Speedtest Results and 15+ Users in Project Area
- Construction Status**
- Network Live in Last 30 Days
 - 1+ Ookla Speedtest Results in Project Area
- Managed Investment**
- State
 - County
 - Federal
 - Private

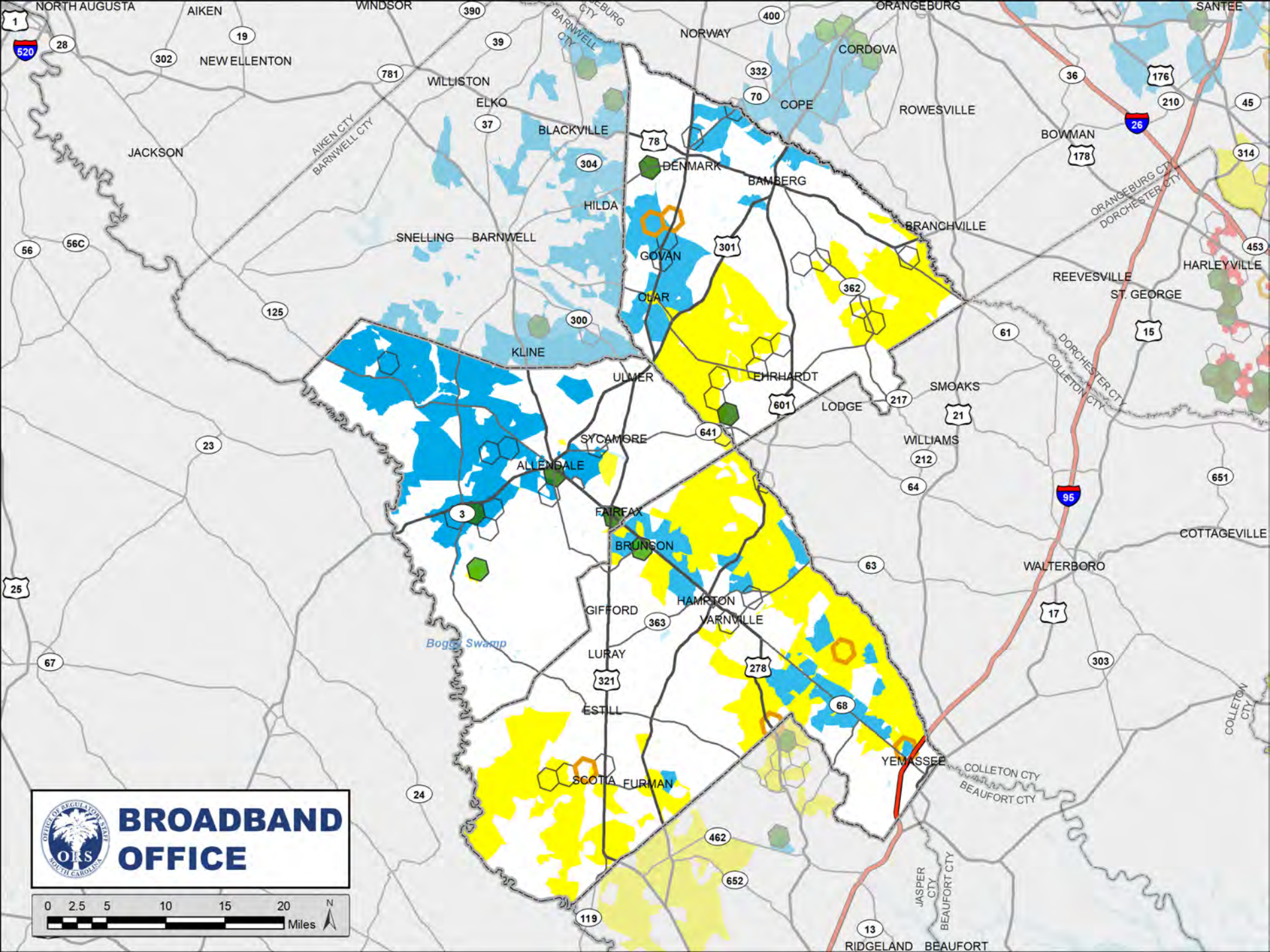
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0 2.5 5 10 15 20 Miles

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South Carolina

Construction Dashboard

December 31, 2023



- Verified Speed Tiers (download / upload)**
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 50+ Ookla Speedtest Results and 15+ Users in Project Area
- Construction Status**
- Network Live in Last 30 Days
 - 1+ Ookla Speedtest Results in Project Area
- Managed Investment**
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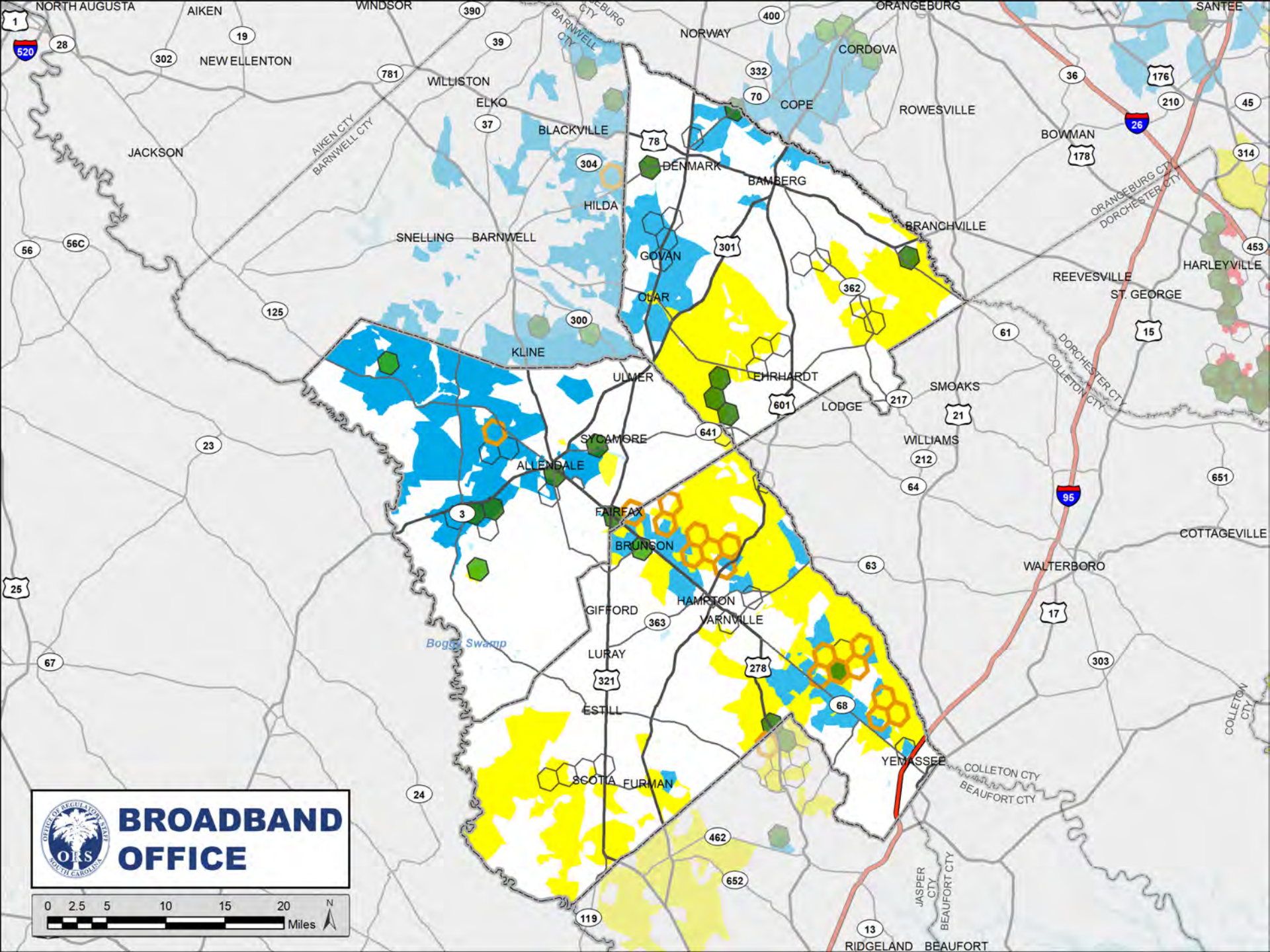
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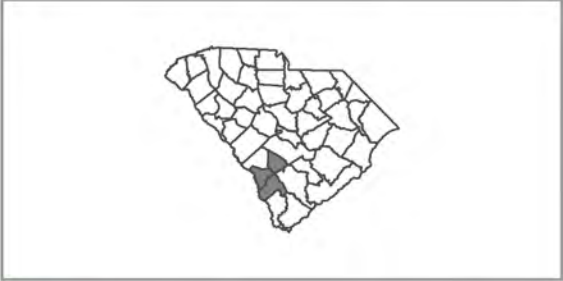
0 2.5 5 10 15 20 Miles

Allendale, Bamberg & Hampton

South Carolina

Construction Dashboard

January 31, 2024



- Verified Speed Tiers (download / upload)**
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 50+ Ookla Speedtest Results and 15+ Users in Project Area
- Construction Status**
- Network Live in Last 30 Days
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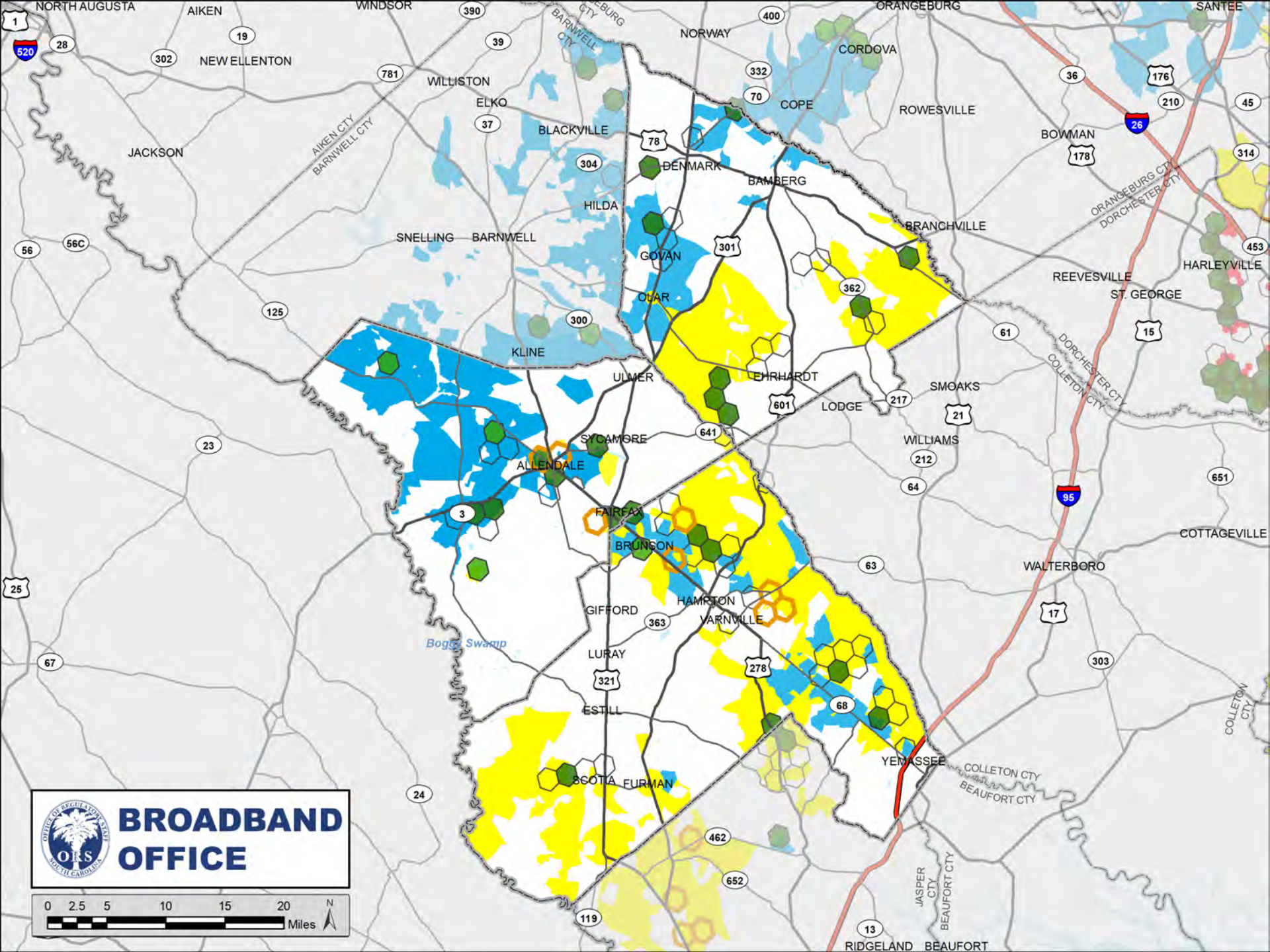
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South Carolina

Construction Dashboard

February 29, 2024



- Verified Speed Tiers (download / upload)**
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 50+ Ookla Speedtest Results and 15+ Users in Project Area
- Construction Status**
- Network Live in Last 30 Days
 - 1+ Ookla Speedtest Results in Project Area
- Managed Investment**
- | | |
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| State | County |
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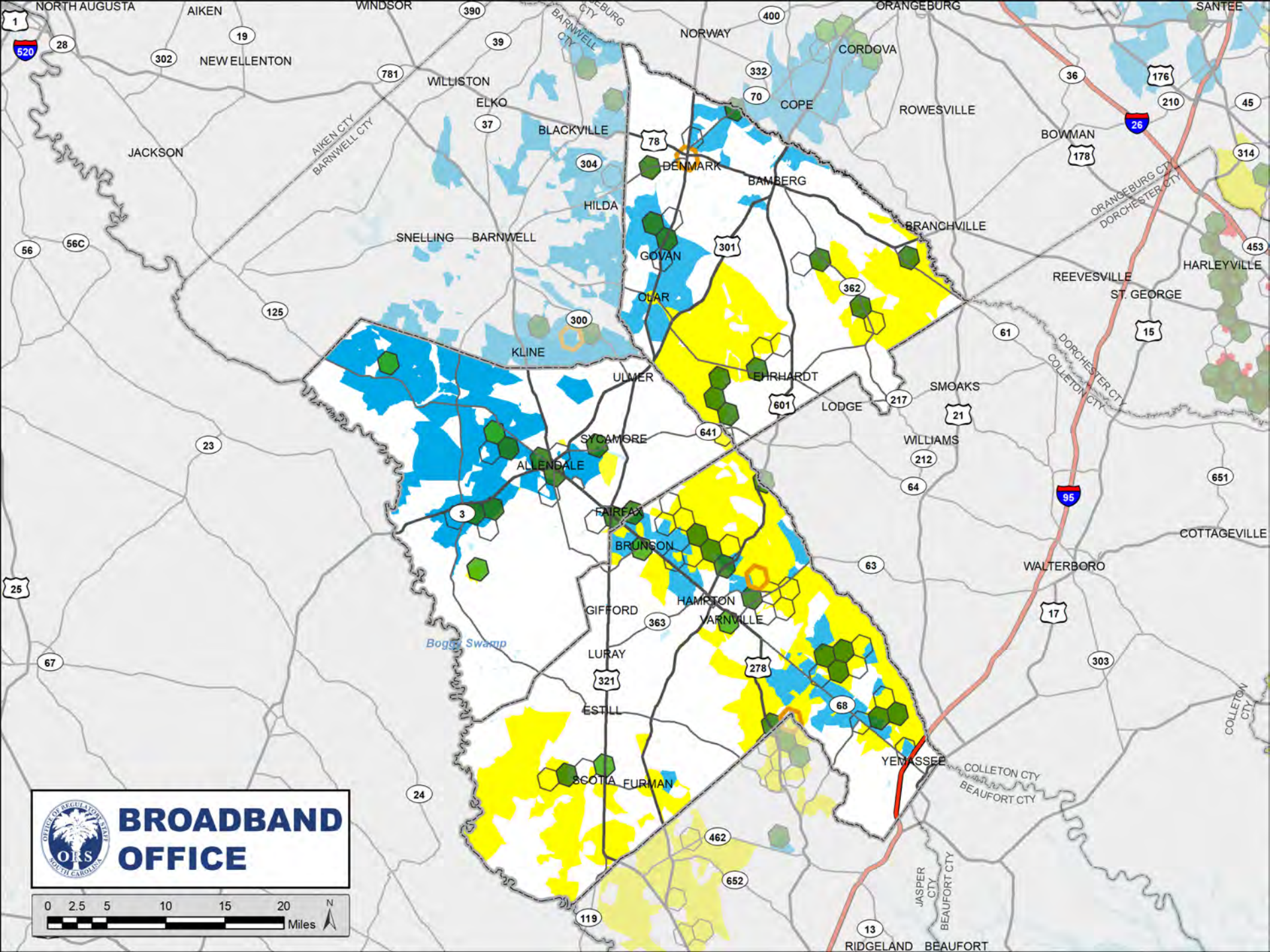
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South Carolina

Construction Dashboard

March 31, 2024



- Verified Speed Tiers (download / upload)**
- >= 100 Mbps / 100 Mbps (symmetric)
 - >= 100 Mbps / 20 Mbps
- with 50+ Ookla Speedtest Results and 15+ Users in Project Area
- Construction Status**
- Network Live in Last 30 Days
 - 1+ Ookla Speedtest Results in Project Area
- Managed Investment**
- State
 - County
 - Federal
 - Private

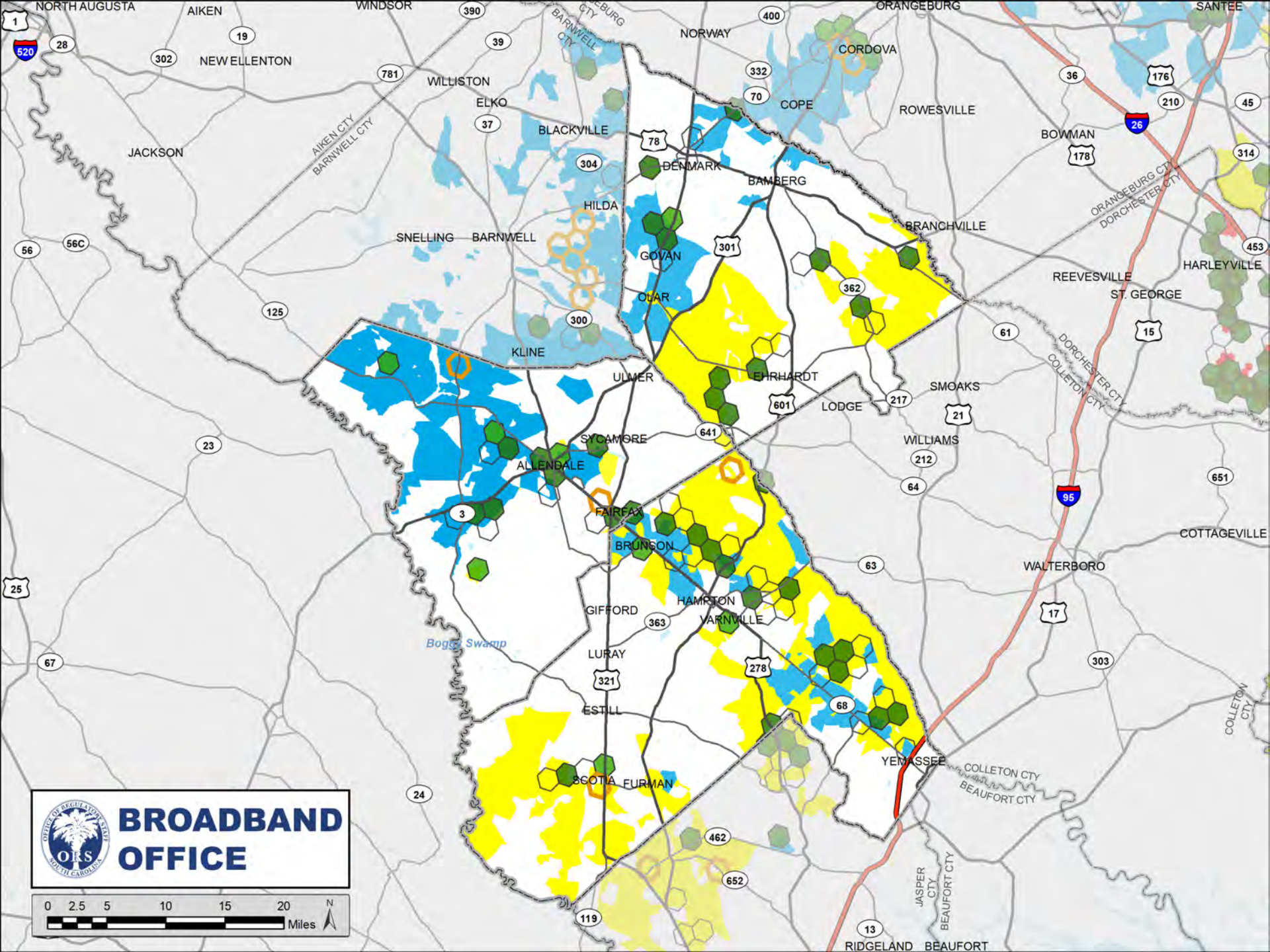
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Thank you!

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Mobile: (803) 606-6398



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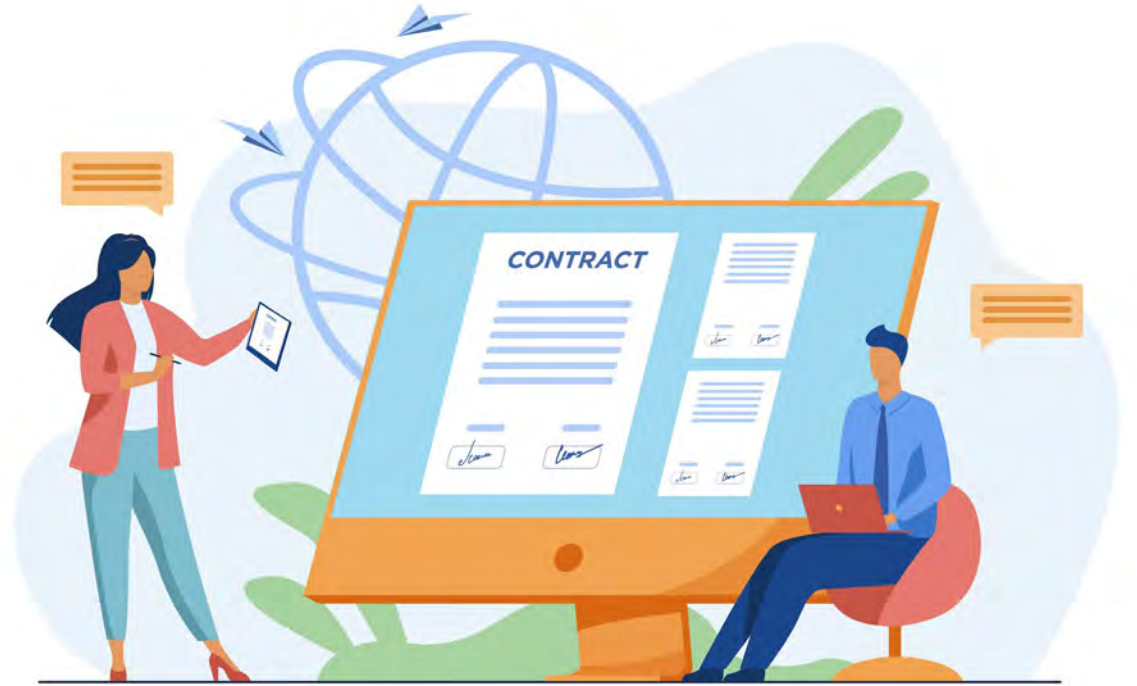
Broadband | The Road Ahead

Digital Opportunity Department

South Carolina Office of Regulatory Staff | April 8, 2024

DOD Vision

All South Carolinians have access to affordable, reliable, high-speed internet and the necessary skills to benefit from this technology.



How does the DOD accomplish the vision?

The Digital Equity Plan identifies goals for Digital Opportunity in SC as well as the steps to achieve them.



DIGITAL OPPORTUNITY

DIGITAL EQUITY PLAN

South Carolina
Office of Regulatory Staff:
Digital Opportunity Department

Covered Populations

- Low-income individuals
- Aging individuals
- Racial/ethnic minorities
- Rural residents
- Veterans
- Individuals with disabilities
- Individuals with a language barrier
- Incarcerated individuals

Based upon guidance by the National Telecommunications and Information Administration (NTIA), the DOD will focus on assisting several target populations.



Digital Equity Implementation Plan



Goal 1: Broadband Affordability

Objective: All households and businesses in South Carolina can subscribe to Broadband service at an affordable rate



Goal 2: Online Accessibility and Inclusivity

Objective: Every resident of South Carolina has access to reliable high-speed Broadband service in their home and business.



Goal 3: Digital Literacy

Objective: Every resident of South Carolina has access to education and training necessary to use Broadband to advance their personal goals and increase South Carolina's technology workforce competitiveness.



Goal 4: Online Privacy and Cybersecurity

Objective: Every resident of South Carolina can safely and securely utilize Broadband services.

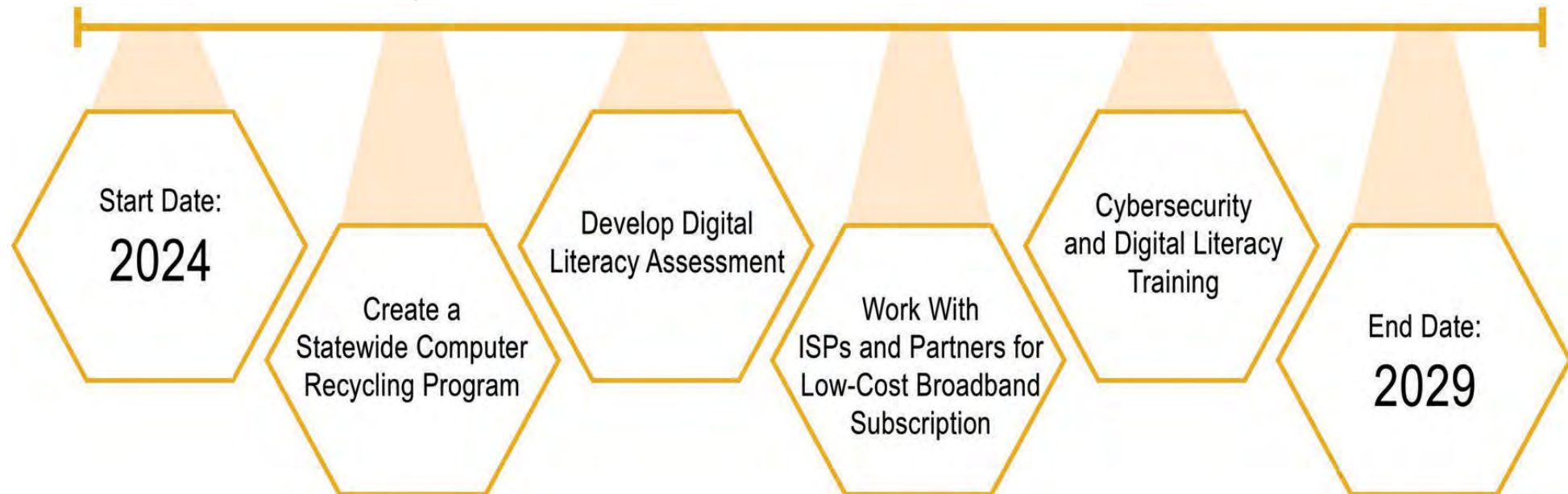


Goal 5: Device Availability and Affordability

Objective: Every resident of South Carolina can access a desktop or laptop computer at home or in an accessible location.

Timeline

- October 2023 ORS received DOD
- December 2023 Submitted DE Plan for Public Comment
- January 2024 Public Comment period ended
- February 2024 Submit FINAL DE Plan to NTIA
- March 2024 NTIA “Curing”



Next Steps

- **Share the plan with the community**
 - Invite us to speak or listen
 - Materials available to share
 - Cyber Security Week – October 2024!
- **Plan approved by NTIA on April 2, 2024**
- **Capacity Grant NoFO on March 29, 2024**
 - SC DOD eligible for over \$12 million
 - Sub-Grants to community groups to meet the goals of the Plan
- **Broadband Advisory Council**

Tom Allen

Chief Technology Officer

South Carolina Office of Regulatory Staff

TAllen@ORS.SC.GOV

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ASA Subcommittee Report

Barbara Hairfield, ASA Vice Chair



**SC EDUCATION
OVERSIGHT COMMITTEE**

Reporting facts. Measuring change. Promoting progress.

**Information Items:
State Funded Full Day 4K Report,
EOC Data Trailblazer Award**

Barbara Hairfield, ASA Vice Chair



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Information Item: Education Analytics Level- Linking Study Results



Dr. Matthew Lavery



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Why did we do these studies?

1. To give educators updated guidance on how interim and benchmark (I&B) scores correlate with SC READY
2. To independently and externally verify vendors' linking studies between their I&B products and SC READY
3. To conduct a necessary first step in understanding how well growth on I&B assessments predicts growth on SC READY

What is a Level-Linking Study?

- Determines the relationship between two different tests of similar constructs to find a roughly equivalent score on one, given a specific score on the other, assuming both tests were taken at about the same time.

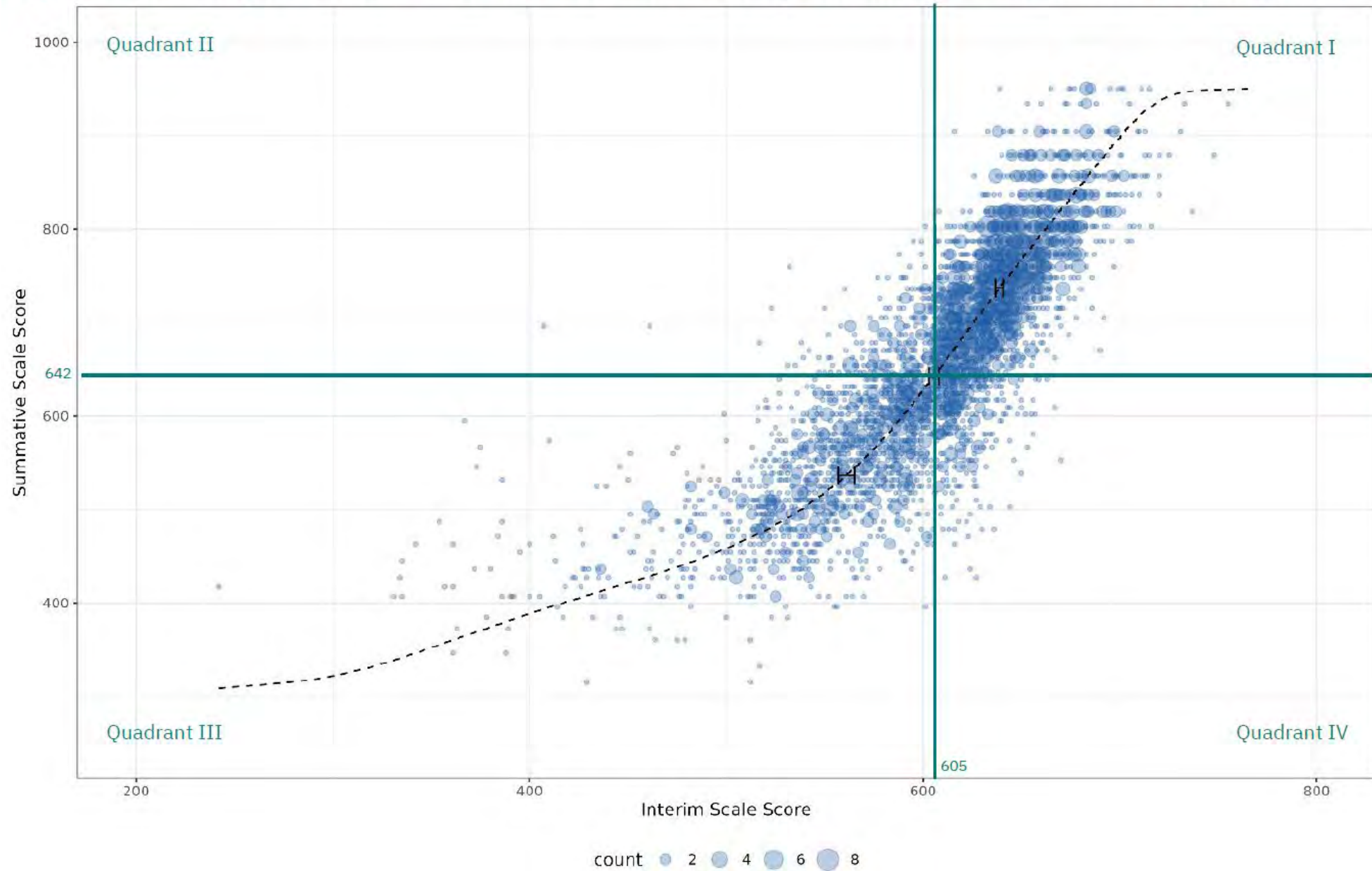
Level-Linking Study

- Links are made only at certain scores interest (*e.g.*, cut scores)
- Finds specific scores that are *most* equivalent to cuts
- Could (mis)communicate precision of estimates

Concordance Study

- Make equivalent score estimates for entire range of scores
- Gives a range that is roughly equivalent for each score
- Clearly communicates uncertainty of estimates

Figure 1. Scatterplot of the SC READY ELA and i-Ready Reading Scores, Grade 8, Spring 2023



What do the studies tell us?

Table 12. MAP Cut Score Equivalents

Table 8. SC READY and MAP Cut Score Equivalents

Grade	Does Not Meet Expectations	Approaches Expectations	Grade	Mathematics			ELA		
				Fall	Winter	Spring	Fall	Winter	Spring
3	100-359	360-437	3	187	194	200	187	194	198
4	100-400	401-480	4	200	206	211	197	202	205
5	100-447	448-534	5	210	215	219	204	209	211
6	100-452	453-542	6	218	222	225	210	212	214
7	100-487	488-576	7	226	229	232	214	216	218
8	100-526	527-614	8	231	234	237	217	219	221
				543-626	627-900				
				577-648	649-925				
				615-682	683-950				

NWEA MAP

	Does Not Meet Expectations	Approaches Expectations	Meets Expectations	Exceeds Expectations
3	100-189	190-199	200-210	211-350
4	100-200	201-210	211-218	219-350
5	100-203	204-218	219-230	231-350
6	100-209	210-224	225-235	236-350
7	100-215	216-231	232-241	242-350
8	100-220	221-236	237-246	247-350

How do our results compare to vendors?

- Independent results are remarkably similar to the results of vendor-conducted linking studies
- Vendors with more recent studies showed closer agreement
 - i-Ready 2018 (2023)
 - MAP 2022
 - STAR 2016
- Differences are small, and consistent with different methods and data sources used
 - Where EA and vendor differ, favor: (1) the most recent data source, and then (2) the most complete data

Reminders & Cautions

1. I&B assessment scores give educators some very useful information, and do not give all the information
 - Don't over-interpret them, and don't dismiss them either
2. Cut scores are set at the 50% likelihood of making a specific achievement level and are not a guarantee
 - Much better for accurate group predictions than individual ones
3. I&B assessments measure important content and skills related to the standards, but do not measure SC standards
 - The *standards* are always the goal, and scores on a test are simply an *indicator* of that goal; teachers must assess, as well

Information Item: Accountability Updates



Dr. Matthew Lavery



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Field Test of WIDA ALT Access



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Field Test of WIDA ALT Access

- WIDA has been developing a substantial revision to the Alternate Access English Language Proficiency Test for years
- The most recent administration (*closed March 8, 2024*) was the field test for the new version
 - Scale scores will be delivered on same timeline as previous years
 - Standard Setting will be conducted in the fall
 - Finalized scores expected in October
- WIDA plans to provide concordance tables mapping ALT Access scale scores to approximate Access 2.0 scores
 - Can be used in estimated (approximate) accountability scores

Multilingual Learners' Progress (MLP) Indicator

- Indicator sets annual targets for MLs to become proficient in English in 5 years based on initial proficiency assessment
 - Each ML included in the indicator either makes progress or does not make progress (*i.e.*, 1 or 0 in the calculation)
- MLP Indicator is a federally-required accountability indicator
- Makes up 10 percent of overall rating (*i.e.*, 10 points)
- The WIDA Alternate Access test may only be administered to 1% of test takers
 - 452 ALT tests out of 51,394 total tests (0.9%) in 2023
- Must have at least 20 tested MLs to receive MLP

Current Plan for Accountability

- Use scale scores and concordance tables to estimate whether students made progress targets (*i.e., 1 or 0*)
- Publish school report cards (*with an asterisk*) according to deadline set by General Assembly
- Finalize WIDA Alt Access scores and proficiency levels prior to federal reporting deadlines (*adjust Report Cards as needed*)
- Impact is expected to be:
 - Very small on indicator ratings points
 - Extremely small on indicator ratings
 - Negligible on overall ratings



Changes to Added-Value Growth Scoring



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Measures of Student Progress Over Time

- **Criterion-Referenced Value Tables**
 - Points based on students who change achievement level
 - Designed to encourage moving students up to next highest level
 - Simple, transparent, but promoted focus on “Bubble Kids”
- **Norm-Referenced Value-Added Models**
 - Compares Individual student gains to expected gains
 - EVAAS → expected based on student’s individual score history
 - Current (EA) → expected when compared to similar students
 - Designed to encourage promoting growth for each and every child
 - Mysterious “black box”: unpredictable and not linked to practice

The New Added-Value Growth Model

1. Students in grades 4-8 have **two individual growth targets** based on prior-year scores:
 - **Median Annual Target (MAT):** set to reflect median historically observed gain for similar prior-year scores
 - **Added-Value Target (AVT):** set to reflect progressive learning gains designed to move students toward proficiency (based on prior-year scores)
2. Meeting the **MAT** is worth **1 point** per student
3. Meeting the **AVT** is worth **more points** per student based on the size of expected gains (i.e., based on the GP used to set targets)
4. Partial points available when scores fall between the MAT and AVT.
5. If a school has a high proportion of students meeting AVTs, the school receives a favorable Student Progress rating.

RP_T

RP_P

Scoring the AVGM (2024 Report Cards)

- RP_T calculated with historically observed growth produced average Indicator Points per student at about 1–6
 - Subtracting 1 and multiplying by 7 produces values from 0–35
- RP_P calculated with historical records had a max of about 65% of growth records making Added-Value Growth
 - Subtracting 30 produces values from 0–35

 Take the maximum

- Compare to the following table:

Rating	Elementary Schools	Middle Schools
Excellent	21.12 – 35.00	18.25 – 35.00
Good	15.63 – 21.11	14.61 – 18.24
Average	9.72 – 15.62	10.96 – 14.60
Below Average	6.01 – 9.71	8.49 – 10.95
Unsatisfactory	0.00 – 6.00	0.00 – 8.48

Scoring the AVGM (2024 Report Cards)

- **AVGM** Ratings Points will be calculated **using two different methods**, and **both methods** will contribute to the Rating
 - **Rating Points** based on individual **Targets** (RP_T), or “Target Points”
 - **Rating Points** based on **Percent** of AVTs met (RP_P), or “Percentage Points”
- The previously used **norm-referenced value-added model** will **also** contribute to the Rating
 - **Index of Student Progress at the School** (ISP_{sch}), or “VAM Points”

Scoring the AVGM with Target Points

- The first scoring method (RP_T ; or “Target Points”) uses items 2, 3, & 4 from the earlier slide and the following table:

Table 15
Indicator Points Available for Student Progress via the Added-Value Growth Model (AVGM) by Student Prior Achievement Band (PAB) that are Used to Calculate RP_T

PAB	CGP	MA Points	AV Points	Partial AV Points	Total Points Available
PAB 6	55	1	2	1.10	3
PAB 5	60	1	3	1.80	4
PAB 4	65	1	5	3.25	6
PAB 3	70	1	7	4.90	8
PAB 2	75	1	10	7.50	11
PAB 1	80	1	13	10.40	14

Note: **PAB** = Prior Achievement Band and corresponds to Table 13 (presented on a previous page). **CGP** = Conditional Growth Percentile (see Table 13). **MA Points** = Median Annual Points, or the Indicator Points available for meeting or exceeding the Median Annual Target (MAT). **AV Points** = Added-Value Points, or the Indicator Points available for meeting or exceeding the Added-Value Target (AVT; AV Points are represented by AVP_j in Equation 10, below). **Partial AV Points** = The portion of AV Points which can be earned as partial credit for students whose score exceeds the MAT but did not meet or exceed the AVT (equal to the CGP expressed as a decimal, or $CGP/100$, multiplied by the AV Points). **Total Points Available** = The maximum number of Indicator Points that a student growth record can earn for the school with a prior year test score in the indicated PAB (see Table 13), which is equal to the sum of the MA Points and AV Points shown.

Calculating Target Points

- Based on the number of *growth records*, RP_T uses the following formula:

$$RP_T = 7 \left(\frac{n_{MAG} + \sum_{j=1}^{n_{AVG}} (AVP_j) + \sum_{j=1}^{n_{PtAVG}} (PrAVT_j \times PtAVP_j)}{n_{GR}} - 1 \right) \quad \text{Eq. (10)}$$

Note: RP_T = Rating Points earned based on target attainment (*i.e.*, the degree to which the student vertical scale score, or VSS, meets or exceeds their individualized AVT and/or MAT for a given student growth record). j = an index for the student growth record (*i.e.*, a matched current and prior year test in the same subject for the same student). n_{GR} = the number of student growth records included in the indicator at the school (or within the district or state, as appropriate for comparison metrics or for district or state report cards). n_{MAG} = the number of growth records included in the indicator for which the student demonstrated at least Median Annual Growth (*i.e.*, their VSS on a given test met or exceeded their MAT for that test). n_{AVG} = the number of growth records included in the indicator for which the student demonstrated at least Added-Value Growth (*i.e.*, their VSS on a given test met or exceeded their AVT for that test). AVP_j = Added Value Points (*i.e.*, the number of Indicator Points available for meeting or exceeding the AVT for student growth record j as indicated in Table 15). n_{PtAVG} = the number of growth records included in the indicator for which the student demonstrated Partial Added-Value Growth (*i.e.*, their VSS exceeded their MAT but did not meet or exceed their AVT). $PrAVT_j$ = Proportion of Added Value Target (*i.e.*, the proportion of the distance between the MAT and the AVT at which the student's current-year VSS falls for growth record j , that $PrAVT_j = \frac{VSS_j - MAT_j}{AVT_j - MAT_j}$). $PtAVP_j$ = Partial Added Value Points (*i.e.*, the Indicator Points available for exceeding the MAT but not the AVT for student growth record j as indicated in Table 15).

Scoring the AVGM with Percentage Points

- The second scoring method (RP_P ; or “Percentage Points”) matches item 5 from earlier slide and uses this formula:

$$RP_P = \left(100 * \left(\frac{n_{AVG}}{n_{GR}} \right) * \frac{35}{65} \right) \quad \text{Eq. (11)}$$

Note: RP_P = Rating Points earned based on the percentage of growth records in which the student met or exceeded their AVT. n_{AVG} = the number of growth records included in the indicator for which the student demonstrated at least Added-Value Growth (*i.e.*, their VSS on a given test met or exceeded their AVT for that test). n_{GR} = the number of student growth records included in the indicator at the school (or within the district or state, as appropriate for comparison metrics or for district or state report cards).

- The value-added model (ISP_{sch} ; or “VAM Points”) is calculated as it has been for previous years’ Report Cards

Finding the Student Progress Rating

$$RP = \frac{RP_T + RP_P + ISP_{sch}}{3}$$

- Take the average of all three points values (using all three methods) and compare to this table:

Rating	Elementary Schools	Middle Schools
Excellent	21.45 – 35.00	20.14 – 35.00
Good	17.92 – 21.44	17.18 – 20.13
Average	13.36 – 17.91	13.38 – 17.17
Below Average	9.66 – 13.35	10.15 – 13.37
Unsatisfactory	0.00 – 9.65	0.00 – 10.14

Beating the Odds Investigative Study (BTOIS) Update

Dana Yow, EOC Executive Director



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How the Work Started

- Initial exploratory analysis of Report Card data files from SY 2022-23 led by Riley Dixon
 - Trends identified – some unexpected
 - Led to discussions with colleagues around the state (Gifted and Talented students, Multilingual Learners, etc.)
 - Helped EOC staff prepare for upcoming Report Card Release on October 10, 2023.

Key Takeaways from Discussion of Performance Data

October 9, 2023 EOC Meeting

- ELA performance continues to improve while student performance in math and science is stagnant.
- Only non-PIP students are meeting the 2035 ESSA Goal in some subject areas/grade levels, but not all.
- Over half of students who took the Algebra I, Biology I, or US History/Constitution EOCs in 2023 made a “D” or “F”
- The statewide graduation rate in 2022 shows that despite poor performance on EOCs, 84% of students graduated within 4 years

“Where is it working so we can address it and make improvements?”

BEATING THE ODDS

Investigative Study



Tentative Timeline of Study

Planned as a multi-year investigative study that will begin with elementary schools

2024: *Exploratory Analysis of Elementary Schools*

2025: *Confirmatory Analysis of Elementary Schools*

Exploratory Analysis of Middle Schools

2026: *Confirmatory Analysis of Middle Schools*

Exploratory Analysis of High Schools

2027: *Confirmatory Analysis of High Schools*

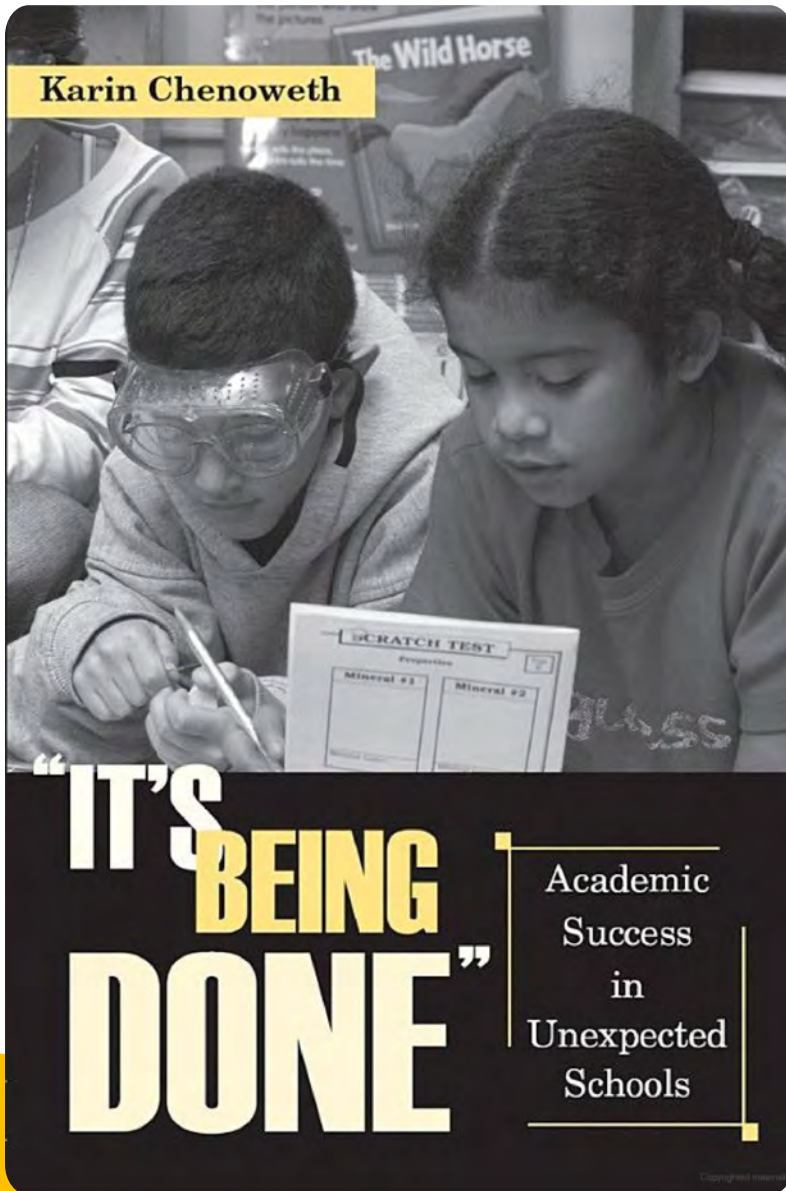


Purpose of Study (Phase 1)

To identify the practices and common characteristics of *elementary* schools with a high percentage of students in poverty, that are demonstrating either high rates of achievement or rapid improvement

BTOIS Partner Schools

- Elementary school with enrollment of more than 100 students
- Overall rating of “Excellent” with no “Below Average” or “Unsatisfactory” indicator ratings
- At least 77.6% of students are classified as Pupils in Poverty (PIP)
- Open enrollment policies that do not permit or deny admission based on application or criteria.



Who's Involved?

- Dr. Rainey Knight
- Dr. Matthew Lavery
- Dr. Jenny May
- Riley Dixon
- Tenell Felder
- Gabrielle Fulton
- Dana Yow

What's Next?

- April 9-10, 2024: EOC Staff-wide BTOIS Analysis
- June 10, 2024: Initial Results of Elementary Exploratory Analysis (preliminary findings) presented to EOC.
- EOC Staff to present at SCASA I3 meeting
- EOC Staff to present at CCSSO Seattle meeting
- Establish regular methods of communication to interested stakeholders

What BTOIS is NOT...

- **A list of schools**

- schools were not nominated; the criteria were developed by the EOC staff

- **An awards program**

- there is no intention currently to give awards to schools; this is an investigative study

Executive Director Update

Dana Yow, EOC Executive Director



**SC EDUCATION
OVERSIGHT COMMITTEE**
Reporting facts. Measuring change. Promoting progress.

EOC Retreat Save the Date

- August 11-12, 2024
- Beaufort, SC

EOC Military Readiness Task Force Update

- April 22, 2024: Task Force to meet again
- June 10, 2024: Recommendations to the EOC