

Application for Federal Assistance SF-424

* 1. Type of Submission:

- Preapplication
 Application
 Changed/Corrected Application

* 2. Type of Application:

- New
 Continuation
 Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

August 17, 2021

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Lumpkin, County of

* b. Employer/Taxpayer Identification Number (EIN/TIN):

58-6000857

* c. Organizational DUNS:

010102408

d. Address:

* Street1:

99 Courthouse Hill

Street2:

Suite H

* City:

Dahlonega

County/Parish:

* State:

Georgia

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

30533-0541

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

* First Name:

Abby

Middle Name:

C

* Last Name:

Branan

Suffix:

Title: Director of Finance & Purchasing

Organizational Affiliation:

Lumpkin, County of

* Telephone Number:

706-482-2554

Fax Number:

706-482-2201

* Email: abby.branan@lumpkincounty.gov

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

National Telecommunications Information Administration

11. Catalog of Federal Domestic Assistance Number:

11.031

CFDA Title:

11.0311, Broadband Infrastructure Program

*** 12. Funding Opportunity Number:**

National-Telecommunications-Information

* Title:

Broadband Infrastructure Program
National-Telecommunications-Information-Administration-21 (Complete opportunity Number)

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Broadband infrastructure build out in Lumpkin County,GA

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant **GA - 009**

* b. Program/Project **GA - 009**

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date: **11/29/21**

* b. End Date: **11/29/22**

18. Estimated Funding (\$):

* a. Federal **8,154,539.00**
* b. Applicant
* c. State
* d. Local
* e. Other **4,640,909.00**
* f. Program Income
* g. TOTAL **12,795,448.00**

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on .
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

Yes No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

**** I AGREE**

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: **Chris**
Middle Name:
* Last Name: **Dockery**
Suffix:

* Title: **Chairman**

* Telephone Number: **706-864-3742** Fax Number:

* Email: **chris.dockery@lumpkincounty.gov**

* Signature of Authorized Representative: *Chris Dockery*

* Date Signed: **1/13/22**

Confidential per Ga. Code
Ann. § 50-18-72(a)(34); See
also 5 U.S.C.S. § 552(b)(4).

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$		\$
2. Land, structures, rights-of-way, appraisals, etc.	\$		\$
3. Relocation expenses and payments	\$		\$
4. Architectural and engineering fees	\$		\$
5. Other architectural and engineering fees	\$		\$
6. Project inspection fees	\$		\$
7. Site work	\$		\$
8. Demolition and removal	\$		\$
9. Construction	\$		\$
10. Equipment	\$		\$
11. Miscellaneous	\$		\$
12. SUBTOTAL (sum of lines 1-11)	\$		\$
13. Contingencies	\$		\$
14. SUBTOTAL	\$		\$
15. Project (program) income	\$		\$
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$		\$

FEDERAL FUNDING

17. Federal assistance requested, calculate as follows:
(Consult Federal agency for Federal percentage share.)
Enter the resulting Federal share.

Enter eligible costs from line 16c Multiply X %

\$

Confidential per Ga. Code
Ann. § 50-18-72(a)(34); See
also 5 U.S.C.S. § 552(b)(4).

ASSURANCES - CONSTRUCTION PROGRAMS

OMB Number: 4040-0009
 Expiration Date: 02/28/2022

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant:, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards of merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
20. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL Abby C Branan	TITLE Chairman
APPLICANT ORGANIZATION Lumpkin, County of	DATE SUBMITTED 08/17/2021

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Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, 'New Restrictions on Lobbying.' The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

* NAME OF APPLICANT

Lumpkin, County of

* AWARD NUMBER

* PROJECT NAME

Lumpkin County, Georgia

Prefix:

Mr.

* First Name:

Chris

Middle Name:

* Last Name:

Dockery

Suffix:

* Title:

Chairman

* SIGNATURE:

Abby C Branan

* DATE:

08/17/2021

Project Narrative

National Telecommunications and Informational Administration Broadband Infrastructure Program

Executive Summary

In response to the May 19, 2021 Notice of Funding Opportunity from the U.S. Department of Commerce, (“NOFO”) for the National Telecommunications and Informational Administration (NTIA) Broadband Infrastructure Program (BIP), Lumpkin County, Georgia (“Lumpkin County”) and Windstream Services, LLC, on behalf of itself and its applicable subsidiaries (“Windstream Communications” or “Windstream”) (together, the “Covered Partnership”) are providing this application to secure funding for a grant for Lumpkin County to provide state-of-the-art fiber broadband service at 1 gigabit symmetrical speeds. 32.03% will have their speeds improved from below 25/3 to 1 gigabit for both upload and download. Windstream understands the importance of this program to the residents of Lumpkin County and commits to a partnership that will deliver on the required speeds within the program timeline.

In partnership with Lumpkin County, Windstream will leverage its existing network infrastructure, engineering design experience, construction management and operational expertise to deploy a future proof Fiber-to-the-Premise (Fttp) solution. Windstream has demonstrated the capacity to deliver Fttp to over 700,000 homes and small businesses throughout its footprint. These deployments include other community partnerships where Windstream works directly with county leadership in response to broadband needs.

This proposal for fiber connectivity is the fastest and most reliable technology for broadband deployment and can be delivered within the timeframe of the NTIA program. According to the FCC study “Measuring Broadband America” in 2019, latency on the Windstream network, which is a measure of the time it takes for data to travel to a point on the Internet and back again, was an average of 26 milliseconds. Many factors can impact latency, but Windstream expects the latency of all locations affiliated with this project to fall materially within the 26 millisecond range. All locations associated with this project will have latency below the required 100 milliseconds. After the project is completed, Windstream will continue to support the partnership through existing systems for troubleshooting, billing, and customer service. Windstream has a team of technicians and field operations staff experienced in supporting fiber networks. This support network will be expanded as demands grows over time. Under the proposed project model, ownership of all new facilities and assets built and deployed by Windstream as a result of any potential partner projects in the Lumpkin County area, along with ongoing maintenance and repair responsibilities of such facilities, would be conveyed to Windstream.

NTIA Covered Partnership-General Intent to Cooperate.

Lumpkin County, GA, and Windstream have entered a Covered Partnership for the purposes of participating in the NTIA BIP. Lumpkin County will be the Lead Applicant and recipient of the grant and

Windstream will be the subrecipient. The proposed project is to deliver gigabit-speed broadband service to 5,654 locations in Lumpkin County. The estimated cost of the project is \$12,795,448 with the proposed grant from NTIA BIP to be \$8,154,539 and the contribution/matching funds from Windstream are \$4,640,909, a 36.27 percent share. The proposed funding area is sections of Lumpkin County that are unserved, and a map is provided with this grant submission.

Organization Name & address (if applicable)	Administrative Role	Scope of Work (Funded Participants)	Monetary Contribution or Requested Funding	Total Contributions & Funding Requests (Combined)
Lumpkin County, GA 99 Courthouse Hill Dahlonega, GA 30533	Applicant	Broadband deployment in Lumpkin County, GA	\$0 (Windstream will provide the matching program funds)	\$0
Windstream 4001 Rodney Parham Rd. Little Rock, AR 72212	Subrecipient / recipient of federal funding	Broadband deployment in Lumpkin County, GA	\$4,640,909 (cash match contribution) \$8,154,539 (requested funding)	\$12,795,448
Total Project Funds				\$12,795,448

In total, Windstream will pay for 36.27% of the project, totaling \$4,640,909. Federal funding is requested for 63.73% of the project, totaling \$8,154,539. The combined, total project cost is \$12,795,448.

ii. Resumes of Key Personnel. (Does not count toward page limit but are limited to one-page each). One-page resumes of no more than five key personnel from the participants in the covered partnership (not subrecipients) may be included. Any information beyond one page for each resume and any additional resumes submitted will not be considered.

Included in the application.

c. A description of the covered broadband project to be funded by the grant, including the services, speed or tiers of speeds at which the covered partnership plans to offer broadband service, the proposed prices of the broadband service offerings, the technical details of the project, including the type of technology to be deployed, and the cost details of the project, including financial analyses and revenue and expense projections, and a description of why federal financial assistance is needed to implement the covered broadband project;

- *Services provided: Windstream will provide symmetrical gigabit broadband service to all households, businesses, and community anchor locations.*
- *Proposed speeds: Symmetrical gigabit speed to every location.*
- *Proposed prices for provided broadband services: See below for proposed prices.*

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

Consumer

Speed	Price
50Mbps	\$ [REDACTED]
75-200 Mbps	\$ [REDACTED]
300Mbps-400Mbps	\$ [REDACTED]
500Mbps	\$ [REDACTED]
1Gbps	\$ [REDACTED]
Modem Rental (A)	\$ [REDACTED]
Promo (B)	\$ [REDACTED]

Additional Information:

- A. Modem charge of [REDACTED]. Customer may provide modem to waive charge
- B. Windstream provides a promotional credit for first 12 months of service
- C. Windstream has no data caps on customer broadband usage

SMB

Speed	Pricing Range
50Mbps	\$ [REDACTED]
100Mbps-200Mbps	\$ [REDACTED]
500Mbps	\$ [REDACTED]
1Gbps	\$ [REDACTED]
Phone (A)	\$ [REDACTED]
Promo (B)	\$ [REDACTED]

Additional Information:

- A. Cost to add first voice line
- B. Windstream provides a promotional credit for first 24 months of service
- C. Windstream has no data caps on customer broadband usage

Confidential

Technical Details:

Windstream's network [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

- Windstream will initially deploy [REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

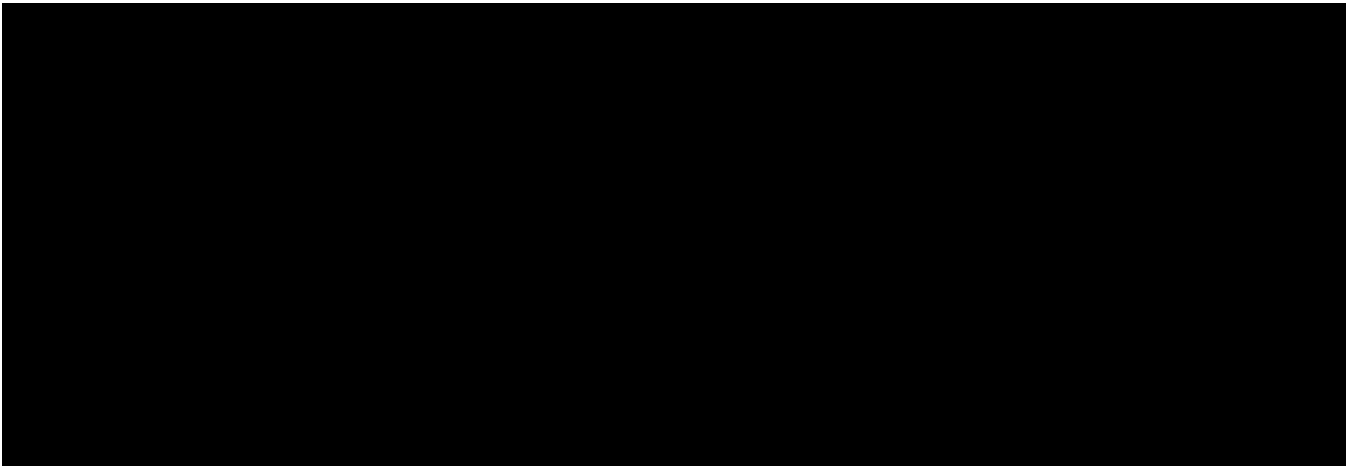
Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

- Windstream will initially deploy

[Redacted]

[Redacted]

The following diagram [Redacted]:



[Redacted]

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

Confidential per Ga. Code
Ann. § 50-18-72(a)(34); *See*
also 5 U.S.C.S. § 552(b)(4).

[Redacted]

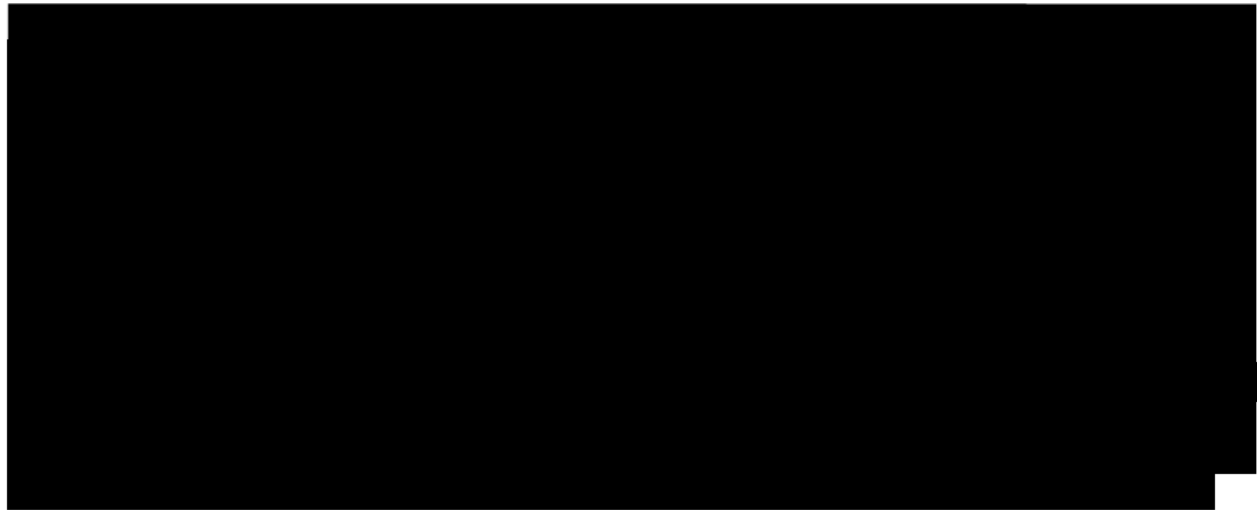
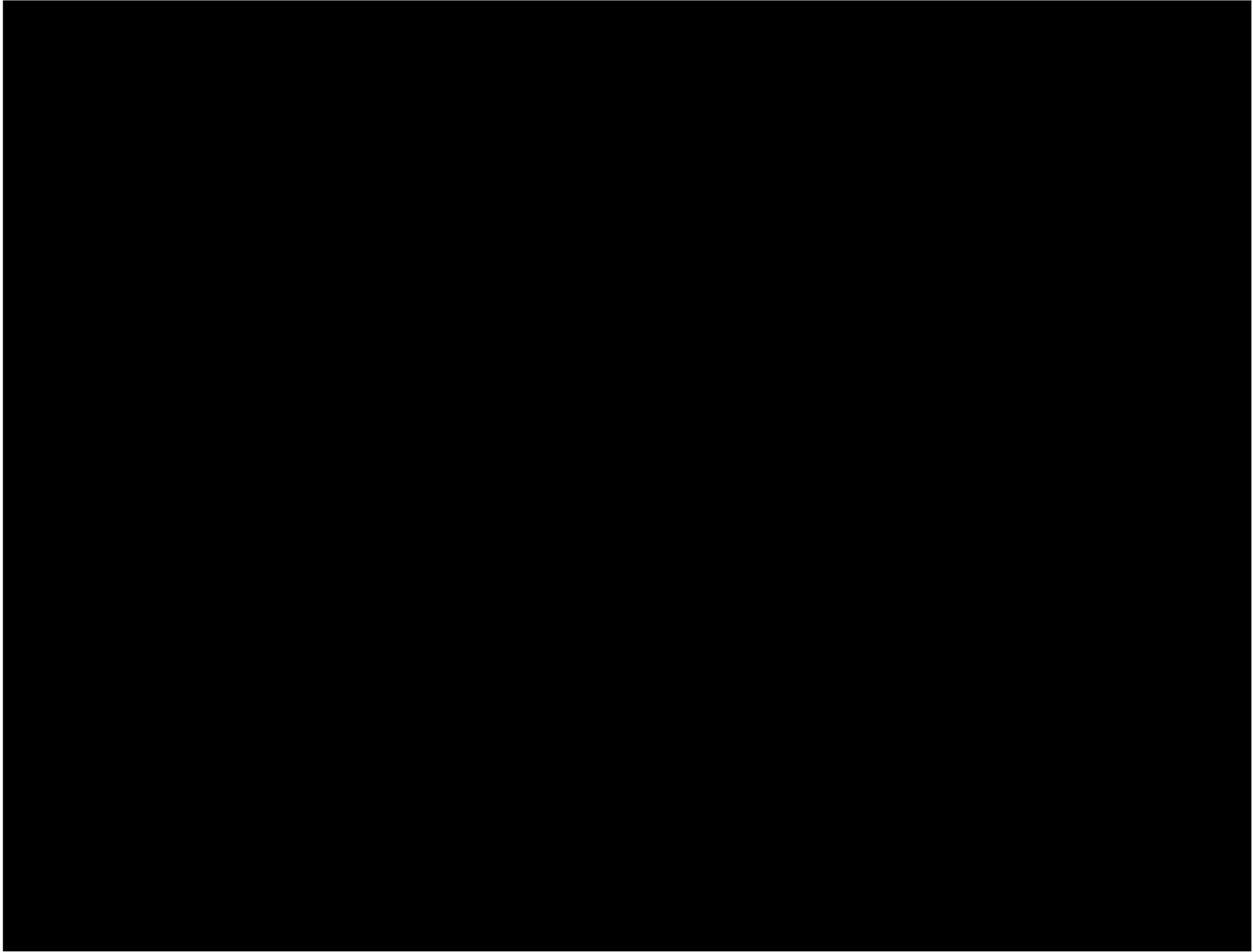
[Redacted]


[Redacted]

[Redacted]

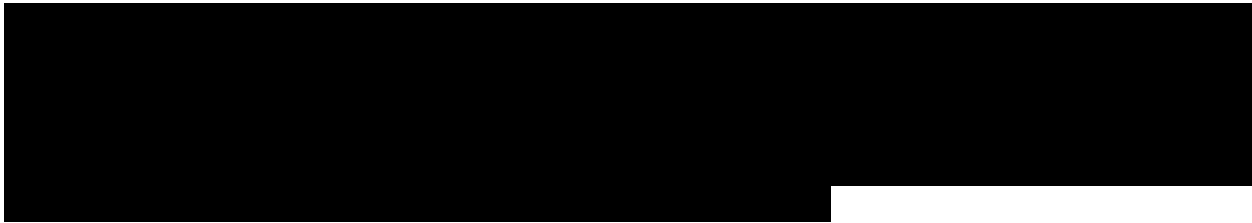
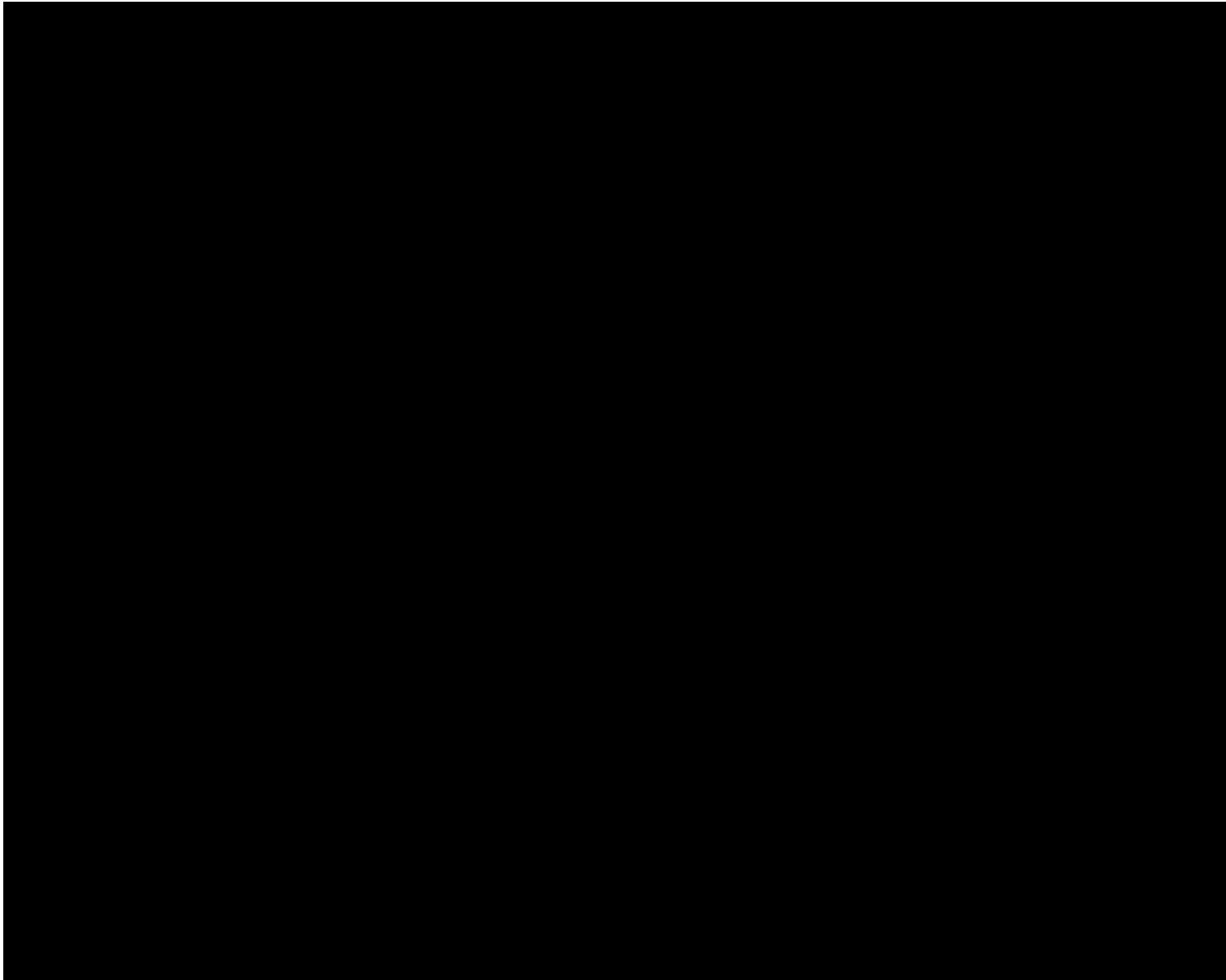
The below diagram [Redacted]

Confidential per Ga. Code
Ann. § 50-18-72(a)(34); *See*
also 5 U.S.C.S. § 552(b)(4).



The below diagram illustrates 

Confidential per Ga. Code
Ann. § 50-18-72(a)(34); *See*
also 5 U.S.C.S. § 552(b)(4).



Confidential per Ga. Code
Ann. § 50-18-72(a)(34); *See*
also 5 U.S.C.S. § 552(b)(4).

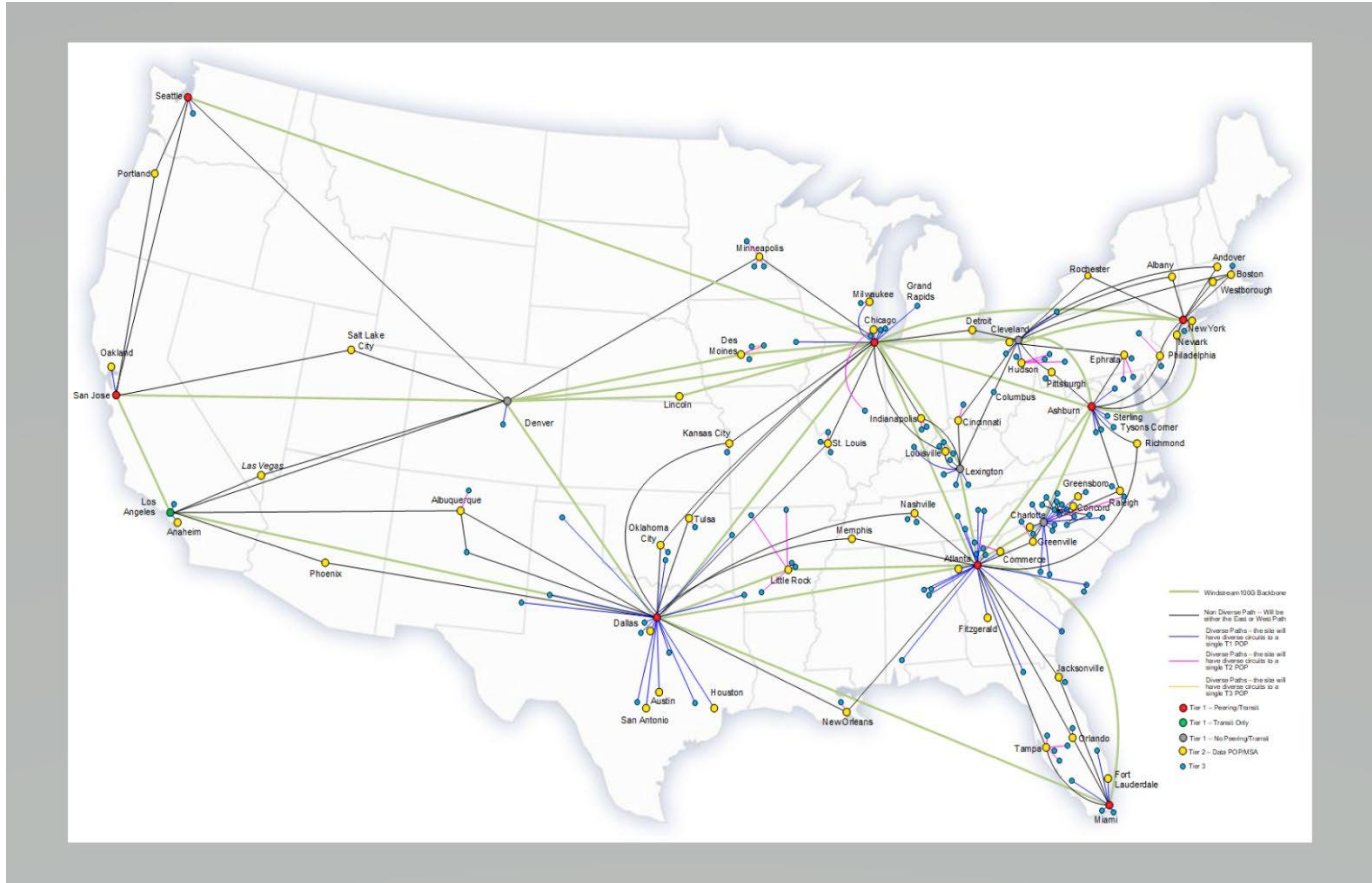
Confidential per Ga. Code
Ann. § 50-18-72(a)(34); *See*
also 5 U.S.C.S. § 552(b)(4).

- [Redacted]

[Redacted]

[Redacted]

Confidential per Ga. Code
Ann. § 50-18-72(a)(34); *See*
also 5 U.S.C.S. § 552(b)(4).



Voice services will be internally provided. Windstream built and operates its own robust voice network comprised of 1,482 class 5 switches and remotes across 18 states, including 47 PSTN tandem switches. Windstream also built and operates a next-generation Voice-Over-IP (VoIP) network using Metaswitch as the platform. The VoIP network is comprised of 50 call feature servers and 164 gateways, including 2 PSTN tandem switches. These networks support nearly 2 million voices lines today, 1.5 million on TDM and 0.5 million on VoIP. Voice products range from POTS lines to PRI to Session Initiation Protocol (SIP)-Trunking to next-generation Business VoIP and Unified Communications. Windstream's own internal SS7 network with 6 STPs and related SCPs controls all voice switching and routing for the network. We interconnect with other voice networks on the PSTN via TDM and SIP trunking.

Subscriber voice services in Windstream's project areas will be VoIP (SIP) to Metaswitch infrastructure.

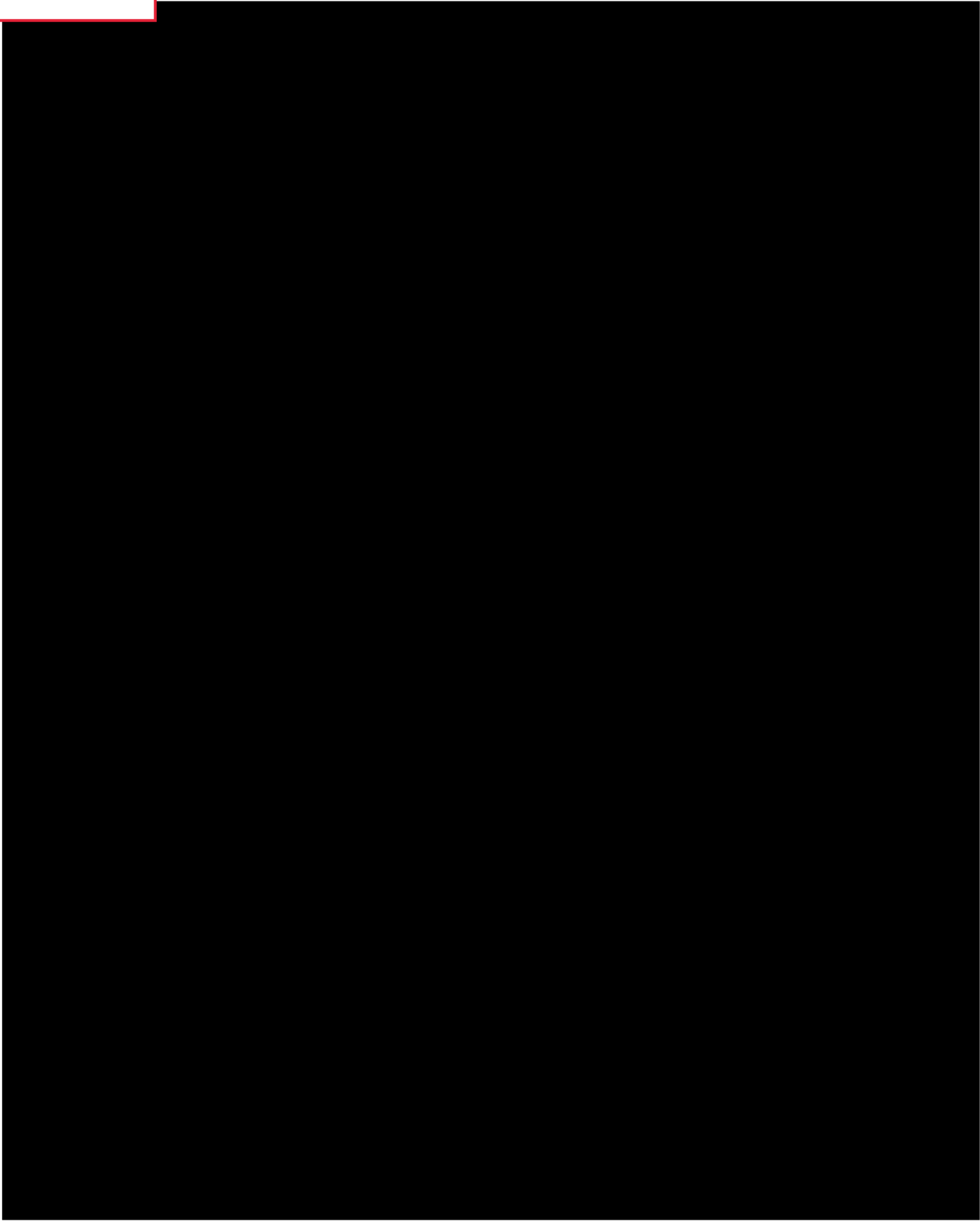
[REDACTED]

[REDACTED]



The below diagram illustrates [redacted] :

Confidential per Ga. Code
Ann. § 50-18-72(a)(34); *See*
also 5 U.S.C.S. § 552(b)(4).



Confidential per Ga. Code
Ann. § 50-18-72(a)(34); *See*
also 5 U.S.C.S. § 552(b)(4).

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

As an illustration of the long term commitment, Windstream owns software to monitor network utilization.

[REDACTED]

- [REDACTED]

CIRCUIT UPGRADE THRESHOLDS

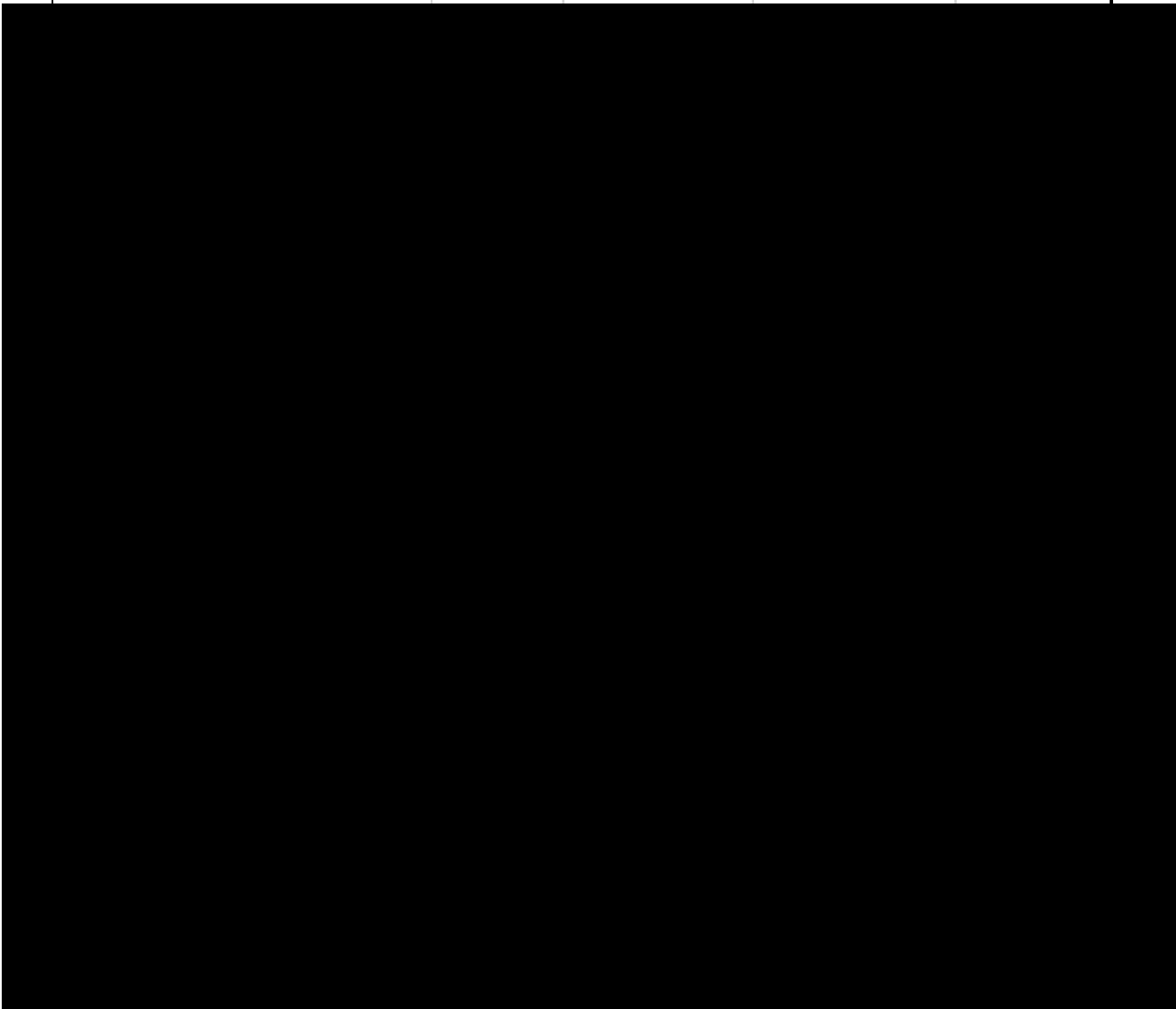
[REDACTED]

- [REDACTED]

Confidential

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

Cost Details:



The State of the Local Community

The 2017 update of Lumpkin County’s Comprehensive Plan cites lack of broadband / internet access as one of the County’s biggest liabilities that should be changed in future, according to resident survey responses. The 2017 Comprehensive Plan acknowledges the County’s dependency on access to technology and communication infrastructure to develop business parks, commerce corridors, as well as to provide households with distance-learning and remote work opportunities. While growth in commerce is identified as a need within the community, the expansion of such opportunities is highly dependent on access to reliable broadband technology. Further, the County identifies low-density residential and agricultural preservation as the predominant land uses in the future. Under this

community profile and rural disposition, it is highly unlikely that private broadband companies would seek to expand in these low-density areas due to financial infeasibility.

Alignment with NTIA Goals

This funding proposal aligns with the NTIA Broadband USA program to promote innovation and economic growth by supporting efforts to expand broadband connectivity and meaningful use across America. Specifically, this proposal would expedite deployment of highspeed broadband service to an unserved rural community. This community will benefit from future-proof fiber service where otherwise little to no investment would have been made. Due to its rural demographic, low population density and inadequate existing communication infrastructure, speeds of at least 25Mbps download and 3Mbps upload will be critical for this community to thrive in business, health, education, and to become provident participants in an increasingly globalized society. Federal Assistance from the NTIA program would make this otherwise uneconomical build possible for Windstream to pursue. Without federal financial support, the rurality and lack of population density in this project area would make broadband access financially unfeasible.

This funding request is the amount needed to make the project economical for the Covered Partnership. Federal financial assistance will enable Lumpkin County to invest in its infrastructure with high reward and little to no risk. Once the project cost reaches a determined threshold predetermined by the Covered Partnership, Windstream will pay for the balance with no risk to the county. Windstream is committed to reaching unserved household and will do so by contributing a substantial portion of the investment and ongoing costs.

To meet the intent of the BIP, it is necessary to require this funding to support the:

- Expense/Costs incurred due to the escalation of the build out,
 - Equipment costs,
 - Labor costs,
 - Costs of easements, rights of way and other approval processes,
 - Anticipated supply chain issues and materials shortages.
 - Inflationary factors.
- To meet and exceed the consumer/user demand (available bandwidth) of the newly available improved technology created by the Covered Broadband Project. and,
- Provide the much-desired technology to the households, businesses, and anchor institutions this Program is designed for.
- See included County Narrative below.

d. A description of the area to be served by the covered broadband project (referred to as the proposed service area) including a list of the census blocks to be served, or portions thereof, the percentage of the total unserved (lack of infrastructure) population to be served by the project, and the number of unserved households, businesses, and community anchor institutions the project plans to connect;

- Census Blocks to be Served: 393



Lumpkin County -
NTIA CBs by County

- Percentage of the total unserved (lack of infrastructure) population to be served by the project: 99.84%
- Number of unserved households, businesses, and community anchor institutions the project plans to connect: 5,448 households, 193 businesses, and 13 community anchor institutions.

*e. A description of which statutory funding priority(ies) (as set forth in Section I.A of this NOFO) the proposed project would address and how the proposed project would address such funding priority(ies);
In awarding grants under this program, the Assistant Secretary will give priority to applications for covered broadband projects as follows, in decreasing order of priority, as set forth in Section 905(d)(4) of the Act:*

(1) Covered broadband projects designed to provide broadband service to the greatest number of households in an eligible service area;

Windstream intends to provide Gigabit broadband access to 5,448 households, 193 businesses, and 13 community anchor institutions for a total of 5,654 locations.

(2) Covered broadband projects designed to provide broadband service in an eligible service area that is wholly within any area other than: (i) a county, city, or town that has a population of more than 50,000 inhabitants; and (ii) the urbanized area contiguous and adjacent to a city or town of more than 50,000 inhabitants;

Windstream intends to provide Gigabit broadband access to 5,654 locations in Lumpkin County, GA.

Windstream used the following methodology to assess unserved/underserved locations within our project area. First, using Form 477, we determined all census blocks where no provider claimed service of 25/3 mbps or greater. We extracted all our location data for these blocks and deemed them eligible. Next, Windstream looked at census blocks where we are the only provider claiming service of 25/3 mbps or greater. Using our internal qualification data, Windstream determined which locations in these blocks that could not receive 25/3 mbps or greater speeds and deemed these locations eligible. From there, we removed all census blocks won in RDOF by any provider, as well as those locations where fiber is provided but access to service could be precluded due to potential infrastructure issues.

Windstream confirmed the resulting areas did not contain a population center of greater than 50,000.

After conducting the above process, Windstream was left with a total of 5,663 locations in the county. We used our fiber routing tool to model fiber-to-the-home builds to all of those locations. Nine locations were excluded with the routing tool due to inability to reconcile existing topographical and/or infrastructure constraints, leaving a net total of 5,654 locations impacted, or 99.84% of our total subset.

(3) Covered broadband projects that are the most cost-effective, prioritizing such projects in areas that are the most rural;

Windstream intends to provide Gigabit broadband access to 5,654 locations in Lumpkin County, GA. Given Windstream's existing infrastructure in the area, deployment costs are less with an established and capable middle-mile network.

(4) Covered broadband projects designed to provide broadband service with a download speed of not less than 100 megabits per second and an upload speed of not less than 20 megabits per second;

Windstream intends to provide Gigabit broadband access to 5,654 locations in Lumpkin County, GA.

(5) Any other covered broadband project that meets the requirements of this NOFO.

No other broadband projects are considered/included in this plan.

f. A description of how the project addresses the evaluation criteria identified in Section V.A of this NOFO, including a description of project beneficiaries, service area level of need, project sustainability, and expected outcomes;

Lumpkin County is located in the northeast region of Georgia and sits at the southern end of the Appalachian Mountains. Filled with scenic beauty, Lumpkin county has experienced dramatic growth over recent decades. Census estimates for 2019 place the county population at just under 33,610, having tripled in residents since 1980.

The county contains 282 square miles of land and has a density of about 105.9 residents per square mile. The terrain ranges from rugged forests to rich river valleys.

The county seat is Dahlonega, a picturesque mountain village home to North Georgia University.

The median household income is \$51,790, a level that trails national numbers where household median income reaches \$62,843. The county also trails in per capita income at \$27,155 as compared to the U.S. average income of \$34,103. Census estimates show 19% of those under 65 are without health insurance.

The need for fiber broadband is more important than ever. And a fast, reliable broadband infrastructure is key to growth for communities like Lumpkin County. While connectivity becomes an ever-increasing need, Lumpkin County is clearly at a disadvantage in broadband access. U.S. Census estimates show the county trailing both the state and the nation in the percentage of households that have a computer in the home.

The need for broadband access has been dramatically highlighted during the pandemic. Students in areas where broadband was not available struggled to keep up with their peers. A lack of broadband access in too many areas kept online learning to a minimum.

According to the recently released Georgia Broadband Access map, about one-fourth of the census blocks in Lumpkin County are listed as unserved. The map is based on an unserved census block being one where 20 percent or more of the locations in that block do not have access to at least 25/3 Mbps broadband services.

The Georgia Broadband Access Map reflects 12,126 locations as served by broadband, a total of 4,148 Lumpkin locations fall short of the 25/3 Mbps minimum goal. However, based on Windstream's methodology, after having utilized Form 477, incorporating the data of locations not having access to 25/3 and etc., Windstream determined that 5,654 locations are unserved/underserved.

For Lumpkin County, these statistics are not just points on a map or numbers on a spreadsheet. They represent real people with real needs.

Simply put, it is time for those numbers to change in a positive way for the local communities.

The lack of broadband access in some areas of the county are not due to a lack of concern on the part of the County or the local provider. They are the result of distance and topography that have limited affordable deployment. Additional financial help is needed to expand the infrastructure to those who find themselves on the wrong side of the digital divide.

Lumpkin County is an area filled with potential. That potential needs to be fully unlocked, and a fast, reliable broadband infrastructure is key to the County's growth.

This grant program is a much-needed opportunity to provide greater broadband access for local homes and businesses. Help us move the local communities forward toward a brighter future.

In addition to the Gigabit Next Generation Broadband that will be provided to this community, the following are some of the strategic products available to customers that allow them to get the most out of their service and integrate evolving technological advancements into their home and business needs:

- Kinetic Secure – Different offerings to support customers in identity theft protection, device management options, content filtering, and virus protection.
- OfficeSuite – Collaboration tool for businesses that allows for video, audio, and web conferencing as well as calls, mobility, and IM in a single platform.
- SD-WAN – Software-Defined Wide Area Network that provides businesses visibility into bandwidth utilization at an application level and can dynamically route traffic to improve application performance while reducing bandwidth usage.
- Enhanced LAN and Wi-Fi – Network management tool that offers businesses increased security, guest Wi-Fi control, and metrics around customer engagement through a cloud-managed solution.

We are proud to participate in the Emergency Broadband Benefit program to help keep low-income customers connected and provide COVID relief. Eligible households can receive a monthly credit of up to \$50.

Eligible customers can also receive aid through the Lifeline Assistance Program, a federal program aimed at helping low-income individuals with the monthly cost of phone or internet.

As an approved E-Rate service provider, Windstream has partnered with many schools and libraries across the country to configure, design, install, manage, maintain, and secure state-of-the-art voice, data, network and cloud telecommunication and data networks. Kinetic consistently delivers the communication and IT solutions required for next-generation teaching and learning, while keeping an eye to value – maximizing every dollar in limited IT budgets.

With this grant and the deployment of future-proof fiber optic technology, Lumpkin County will have more resources to attract business, gain new residents and foster a better quality of life for many residents. The improvements to medical, educational, and economic expansion will be just a few of the windfalls of success.

This is a unique opportunity to provide greater telecommunications access for local homes and businesses, and to move the local communities forward toward a bright future. Combining the strengths of public and private sectors we can achieve real results for Lumpkin County.

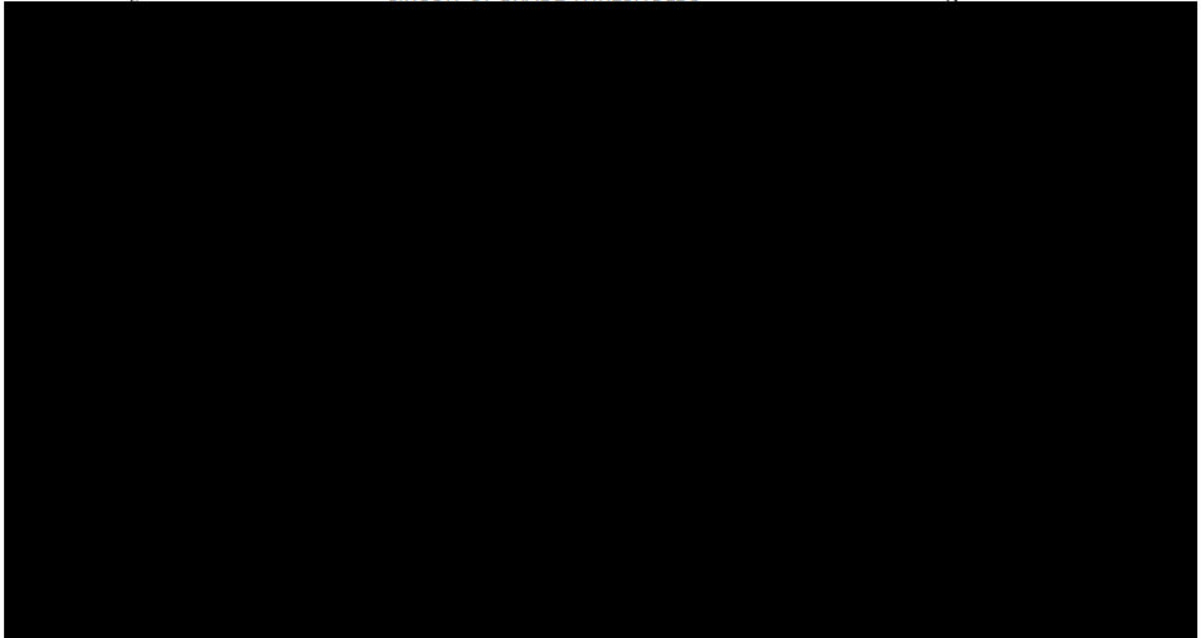
*g.*A description of how their deployment will have the ability to scale over time for greater capability (e.g., using integrated advanced services such as 5G or fiber);

As indicated in 6.c, Windstream will deploy its advanced fiber gigabit networks in the (ESA) that will surpass the necessities of the present and will constantly upgraded to make them future-proof.

Confidential



CIRCUIT UPGRADE THRESHOLDS



Confidential

h. A project plan describing all major project activities and timelines for implementation, including key deployment milestones; Please see included Project chart with milestones, project plan, and timeline. (WIN FTTH Project Plan NTIA 2021.pdf)

Generally, costs for engineering may include, field surveying, producing detailed construction drawings, producing material requirements, producing permit documentation, applying for permits, and production of construction documents for record updates.

i. A brief description of the physical project area and its surroundings (e.g., disturbed or developed land vs. open space; adjacent natural resources, such as rivers, wetlands, or forestlands; and any protected lands or resources in or near the project area), including site photographs and aerial (e.g., Google Earth or Google Maps images) photographs, if the project includes construction and/or ground disturbing activities. This description should also describe how the covered partnership intends to comply with the environmental and historic preservation requirements applicable to an award received under the Broadband Infrastructure Program (including, but not limited to, the National Environmental Policy Act and the National Historic Preservation Act), and if applicable, provide a copy of any environmental and historic preservation review documentation that has been prepared in connection with obtaining permits or approvals from State, local or other federal entities. It is the applicant's responsibility to obtain all necessary federal, State, and local governmental permits and approvals necessary for the proposed work to be conducted. Applicants are expected to design their projects so that they minimize the potential for adverse impacts on the environment. Applicants also will be required to cooperate with NTIA in identifying feasible measures to reduce or avoid any identified adverse environmental impacts of their proposed projects. The failure to do so may be grounds for not making an award. Environmental and historic preservation review documentation, if provided, is not included in the 20-page limit of the project narrative; and

There are no environmental or relatable issues identified in (i) for the covered broadband project at this time. If any are encountered in the covered broadband project, Windstream will address as required in (i). Windstream will comply with all local, state, and federal regulations concerning permits, inclusive of

any environmental permits. We have a proven track record under the CAF2 program of providing the correct documentation and obtaining permits quickly.

j. A description of any support provided to the provider of broadband service that is part of the covered partnership through:

i. Any grant, loan, or loan guarantee provided by a State to the provider of broadband service for the deployment of broadband service in the proposed service area;

ii. Any grant, loan, or loan guarantee with respect to the proposed service area provided by the Secretary of Agriculture under:

1. Title VI of the Rural Electrification Act of 1936 (7 U.S.C. 950bb et seq.), including: any program to provide grants, loans, or loan guarantees under sections 601 through 603 of that Act (7 U.S.C. 950bb et seq.); and the Community Connect Grant Program established under section 604 of that Act (7 U.S.C. 950bb-3); or

2. The broadband loan and grant pilot program known as the “Rural eConnectivity Pilot Program” or the “ReConnect Notice of Funding Opportunity – 15 Program” authorized under section 779 of division A of the Consolidated Appropriations Act, 2018 (Public Law 115–141; 132 Stat. 348); iii. Any high-cost universal service support provided under section 254 of the Communications Act of 1934 (47 U.S.C. 254);

iv. Any grant provided under section 6001 of the American Recovery and Reinvestment Act of 2009 (47 U.S.C. 1305);

v. Amounts made available for the Education Stabilization Fund under the heading “DEPARTMENT OF EDUCATION” in title VIII of division B of the CARES Act (Public Law 116–136; 134 Stat. 564); or

vi. Any other grant, loan, or loan guarantee provided by the Federal Government for the provision of broadband service.

k. A description of whether and, if so, how the project will incorporate strong labor standards, including project labor agreements and community benefit agreements that offer wages at or above the prevailing rate and include local hire provisions, and a description of the applicant’s workforce plans and practice

Presently, there is no external funding and will not be any external funding for or associated with this project.

k. A description of whether and, if so, how the project will incorporate strong labor standards, including project labor agreements and community benefit agreements that offer wages at or above the prevailing rate and include local hire provisions, and a description of the applicant’s workforce plans and practices

Windstream already incorporates robust labor standards into all work projects and for all workers by, among other things: paying competitive wages, equal to or in excess of local prevailing wage rates for pay and fringe benefits, subject to existing collective bargaining agreements; providing quality, affordable health benefits; providing paid sick and other leave benefits; reviewing and certifying that all workers are properly classified, covered by workers compensation, and unemployment insurance; and conducting self-audits of payroll and personnel processes, including effectiveness of recruiting and community outreach efforts in hiring, and certifying and maintaining payroll records in accordance with applicable rules and regulations. Further, Windstream prohibits discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibits discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. Moreover, Windstream is committed to taking affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status. From time to time, Windstream may make changes to its workforce to adjust to business and operational needs. Any workforce changes would have no material impact on Windstream’s ability to provide contracted services or project completion.

9. Letters of Commitment

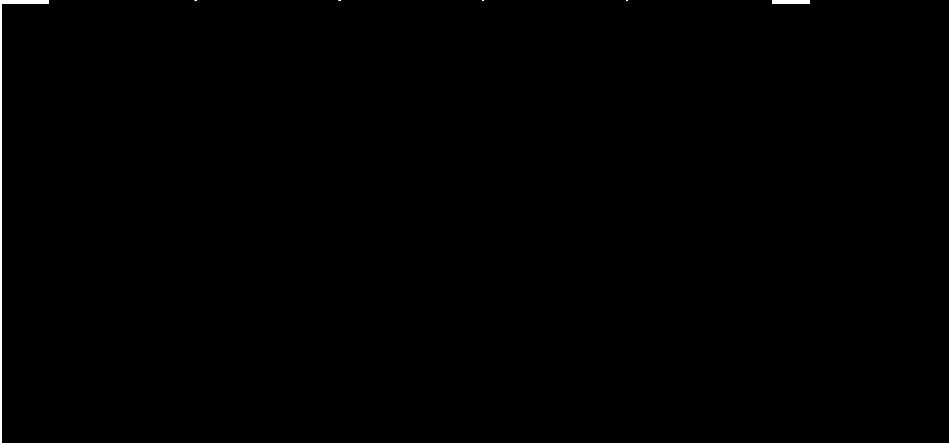
Each application must include a Letter of Commitment from an authorized representative of each member of the covered partnership (all members, County and Windstream). The Letter of Commitment will discuss the scope of work to be undertaken by the member of the covered partnership and its relevance to the covered broadband project.

Included in the application.

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

10. Maps of proposed service areas (preferably in shapefiles, .kmz, or .kml formats).
Included in the application.

11. Pro forma financial information and analyses, such as balance sheets, income statements, and statements of cash flows;

	Lumpkin County - Financial Forecast					
	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Revenue						
Expense						
Operating Income						
Build Capital						
Reimbursement						
Customer Capital						
Cash Flows						

12. Network diagram(s) and system design(s)
Network diagrams and system designs are included in the Project Narrative response on pages 2-12 and 14-15.

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

Confidential Per OIA Code
Ann. § 50-1872(a)(3); See
also 5 U.S.C. § 552(b)(6).

Confidential per OIA Code
Ann. § 50-1872(a)(3); See
also 5 U.S.C. § 552(b)(6).

Abby Branan

Phone: (706) 482-2554

Email: Abby.Branan@LumpkinCounty.GOV

Lumpkin County Government Relevant Experience

Director of Finance & Purchasing

Present

- Oversee the finance department for the county, to include purchasing, accounts payable, accounts receivable, and grant management.
- Oversee financial operations for the county.
- Prepare the annual budget, oversee internal auditing functions, and prepare annual financial statements and required reports.

Bruce A. Georgia

(b) (6)

(b) (6)

- **Success-driven leader** experienced in directing multi-faceted organizations with a proven record of orchestrating dramatic results, able to bridge organizational values and objectives with requirements of the customer.
- **Humble, caring, proactive leader** known to be a hands on team builder, able to win stake-holder support, develop key influencers and build long-term relationships with a shared sense of purpose.
- **Recognized for developing future leaders** of character, integrity and a strong moral compass.

Summary of Qualifications

- US Army Colonel, Retired.
- Combat Decorated Veteran
- Land Use Planning
- Six Sigma Green Belt Certified
- Oral & Writing Skills/Presentations
- Strategic Planning & Strategy

Career Progression

DIRECTOR, PLANNING DEPARTMENT

Jan 2017 - Present

Under the Board of Commissioner's and County Manager's direction, serves the County's Chief Planner for Lumpkin County, Ga; responsible for building permits, code enforcement, soil & erosion, land use planning and overseeing the activities and operations of the department.

Education & Community

- MSA – National Security Strategy, Air Force War College 2003
- BBA – Management, Kennesaw State University 1983
- Chairman, Lumpkin County Planning Commission 2016-2017
- Board of Trustees, (b) (6) 2015- Present
- Chair-Elect, (b) (6) 2018- Present

LARRY REITER, PE

Experience

2006 to present Lumpkin County Dahlonega, Ga

Director of Planning and Public Works/County Engineer

- Responsibilities included management of the Roads and Bridges, Fleet Maintenance, Solid Waste, Recycling, Airport, Planning, Building Inspection, Code Enforcement and GIS departments.
- Duties include daily operations management of the departments, civil design of county projects, budgeting, plan review, interpretation and enforcement of County ordinances, project management, personnel management, consulting with the public on planning and public works issues.

2000 to 2005 Geolmage LLC Dahlonega, Ga

Engineering Division Manager

- Responsibilities included management of the Engineering division, design of subdivisions, roads, water distribution systems including booster pump stations, sewer collection systems including sewer pumping stations, commercial site plans, septic systems, and storm water management systems.
- Design responsibilities included site layout, grading plans, erosion and sediment control plans, road and sewer plan and profiles, storm water control structure design, utility pipe sizing, hydrology studies and flood elevation studies.

1998 to 2000 Southern Ecology Management Corpus Christ, TX

QA/QC Engineer, Design Engineer

- QA/QC responsibilities included construction oversight of landfills and slurry walls to ensure compliance with specifications, as well as state and federal regulations.
- Design responsibilities included design and construction layout of municipal landfills.

1997 to 1998 Bay Environmental Construction Corpus Christ, TX

Estimator, Project Manager

- Estimator responsibilities included acquiring and reviewing bid packages, preparing materials quantity take offs, and bidding potential jobs.
- Project management responsibilities included management of construction crews and acting as clients contact on several projects including road construction, landfill construction, environmental remediation, and containment systems.

1989 to 1996 Texas Ecologists, Inc. Robstown, TX

Site Engineer

- Responsibilities included design and construction of class 1 hazardous waste landfills, treatment facilities, storage facilities, and containment facilities, as well as management of state permitted hazardous waste deep injection well, industrial NPDES permit monitoring and reporting

Experience

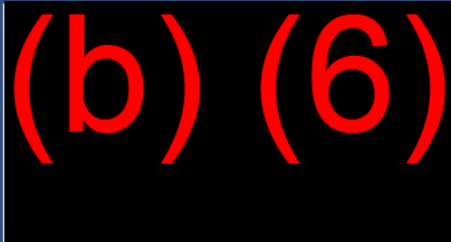
Texas A&M University, College Station, TX
B.S., Civil Engineering (Emphasis on transportation and storm water management)

Certifications

- GA Professional Engineer No. 28752
- GSWCC Level II Certified design professional
- GSWCC Level IB Certified Inspector

REBECCA A. MINCEY

CONTACT



ADDITIONAL SKILLS

Project, Team, & Time Management

Organization

Verbal & Written Communication

Strong Work Ethic

Handling Pressure

EDUCATION & SPECIAL TRAINING



Project Management Professionals Certification, underway



US Army Engineer Captain Career Course, 2019



Public Affairs Qualification Course, US Department of Defense Information School (DINFOS), 2018



US Army Engineer Basic Officer Leadership Course, 2013



Master of Public Administration, University of North Georgia, 2009



Bachelor of Arts, University of Georgia, 2006

KEY INDUSTRY SKILLS

- Performing work accurately, completely, and in a timely manner.
- Building relationships with team members that transcend a project.
- Knowledge of architectural and engineering design operations.
- Preparing and managing project budgets.
- Developing marketing materials and presentations.
- Building relationships and collaborating within a team, internally and externally.
- Project processes and how individual tasks support the successful completion of a project.
- Familiar with construction, space planning, budget estimating, and comprehending construction drawings and specifications.

RELEVANT WORK EXPERIENCE

Executive Director

Development Authority of Lumpkin County | 2019 - present

- Facilitate and coordinate ongoing project management services to existing and newly recruited companies.
- Report on work progress and budget to Board of Directors.
- Collaborate with architects, engineers, and other construction specialists.
- Serve as a liaison between companies, utility providers, local government, and other entities as needed.
- Provide oversight to the overall administration and financial operations of the organization.
- Oversee the public relations and marketing efforts of the organization.

Special Projects Manager & Executive Director

City of Dahlonega Downtown Development Authority | 2008-2017

- Performed a variety of administrative, technical, and professional work to support the implementation of economic and community development plans, programs, and services.
- Managed project teams for citywide initiatives.
- Represented the city at civic and professional group meetings and events in order to develop relationships and make presentations.

Public Affairs & Engineer Officer

U.S. Army Reserve | 2013-2021

- Managed complex projects from start to finish.
- Conducted engineering, construction, demolition, and route clearance tasks.
- Planned and executed communication strategies for internal and external audiences.

ALAN M. OURS

(b) (6)

(b) (6)

RELEVANT LOCAL GOVERNMENT EXPERIENCE

County Manager, Lumpkin County, GA August 2021 to Present

Duties and Responsibilities as County Manager:

- Chief Executive Officer of a county government with 300 employees and a \$38 million annual budget.
- Responsible for oversight of fire, public works, planning, parks and recreation, finance, human resources, information technology, emergency management, and animal control.
- Provide leadership and guidance to the Board of Commissioners, department heads and elected officials
- Work closely with the Board of Commissioners in developing and updating policy and setting initiatives.
- Responsible for preparing and administering the annual operating and capital budgets.

County Manager, Glynn County, GA August 2010 to April 2021

Duties and Responsibilities as County Manager:

- Chief Executive Officer of a county government with 1,030 employees and a \$132 million annual budget.
- Responsible for oversight of police, fire, public works, community development, parks and recreation, finance, human resources, information technology, emergency management, animal control and communications.
- Provided leadership and guidance to the Board of Commissioners, department heads and elected officials.
- Worked closely with the Board of Commissioners in developing and updating policy and setting initiatives.
- Responsible for preparing and administering the annual operating and capital budgets.

County Administrator, Lee County, GA May 2006 to August 2010

- Responsible for the daily management of the county.
- Reestablished credibility of county government.
- Established financial controls which reduced expenses and increased the fund balance for the first time in five years, which added \$3.1 million to the fund balance.

County Administrator, Pickens County, SC January 2000 to February 2006

- Responsible for the daily management of the county.
- Worked closely with the Economic Development Alliance to successfully recruit new business and industry to the County Commerce Park, which resulted in the creation of over one thousand new jobs.

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

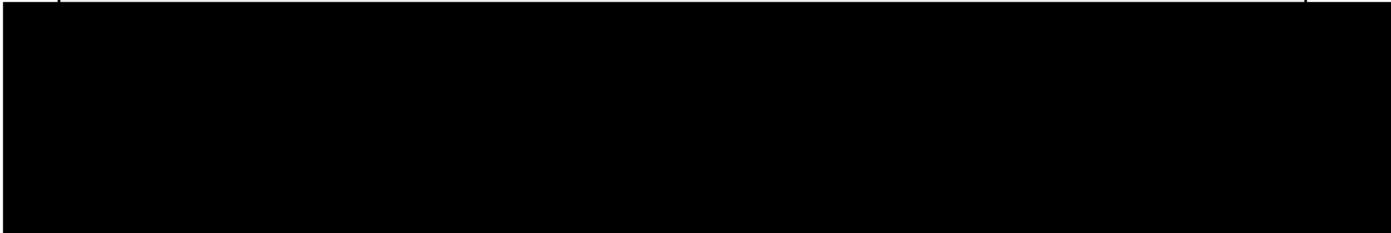
Budget Narrative

National Telecommunications and Informational Administration Broadband Infrastructure Program

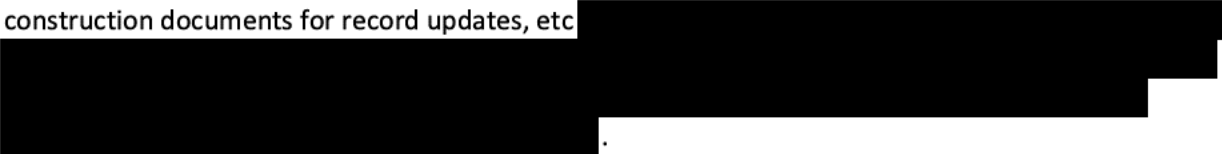
Windstream seeks to be a strong partner in expanding gig service to the unserved and underserved areas of Lumpkin County as well as a good steward of the federal funds that are being allocated through this program for the expansion of reliable broadband access. Windstream is requesting a 63.73% match from the NTIA program and will be contributing our own capital to cover the remaining 36.27% of costs. This is well above the 10% required to score maximum points on the application. Additionally, Windstream is only requesting matching funds for four categories: Administrative and Legal expenses, Architectural and engineering fees, Construction, and Equipment. Windstream understands that additional costs will be incurred for rights-of-way, inspections, site work, etc. but none of these costs were built into the budget for this project. Windstream believes it can fully absorb those costs with the staff on-hand further exhibiting our commitment to a prudent spend of these funds. The project will deliver 1gbps symmetric speeds via Fiber to the Home (Ftth) to all locations within the project area. Below is an explanation of the material cost classifications that will be necessary to help develop our network and deliver world-class service to the unserved and underserved areas this program seeks to address:

Administrative and Legal expenses: Lumpkin County requested added cost for a Broadband Consultant to assist the county in oversight of the project to be completed by Windstream. The total estimated cost is \$171,450 with 63.73% to be funded by federal assistance (\$109,265) and 36.27% to be funded by Windstream (\$62,185).

Broadband Consultant Budget Estimate



Architectural and engineering fees: Windstream assumes engineering costs on a per location basis. These costs are necessary to complete the detailed engineering required to design and construct a Ftth network with the precision, efficiency, and quality Windstream seeks to deliver. Costs for engineering may include but are not limited to: field surveying, producing detailed construction drawings, producing material requirements, producing permit documentation, applying for permits, production of construction documents for record updates, etc.



Construction: Construction covers the labor and materials needed to place buried and aerial fiber to the targeted households in the project footprint.

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

[REDACTED]

If additional detail is needed
please refer to the construction fiber section on the Budget Detail Justification form.

Equipment: Windstream equipment includes, but is not limited to, costs for:

[REDACTED]

If additional detail is needed please
refer to the equipment section on the Budget Detail Justification form.

No customer premise equipment (CPE) costs are included within the budget. All capital costs associated with a new customer order will be fully absorbed by Windstream when said order takes place. No costs associated with the fiber drop from the terminal to the customer's home, the optical network terminal, the customer modem, or the associated labor is included in the project costs for which Windstream is requesting reimbursement.

As Windstream moves the project defined in this application through the planning, engineering, and construction phases, it is expected that some costs defined within the budget will differ from our current estimates. Windstream has a proven track record of deploying GPON networks. More than 20% of the locations in our footprint are expected to be eligible for gigabit services by the end of 2021. The equipment needed and associated costs will change from these initial estimates but will stay materially in line with these projections. Any cost overruns from this initial budget will be fully absorbed by Windstream.

Cost Sharing or Matching Funds

All matching funds used for the county/Windstream Covered Partnership are supplied by Windstream. No external entity has contributed to this matching fund. In total, Windstream will pay for 36.27% of the

project, totaling 4,640,909. Federal funding is requested for 63.73% of the project, totaling \$8,154,539. The combined, total project cost is \$12,795,448.

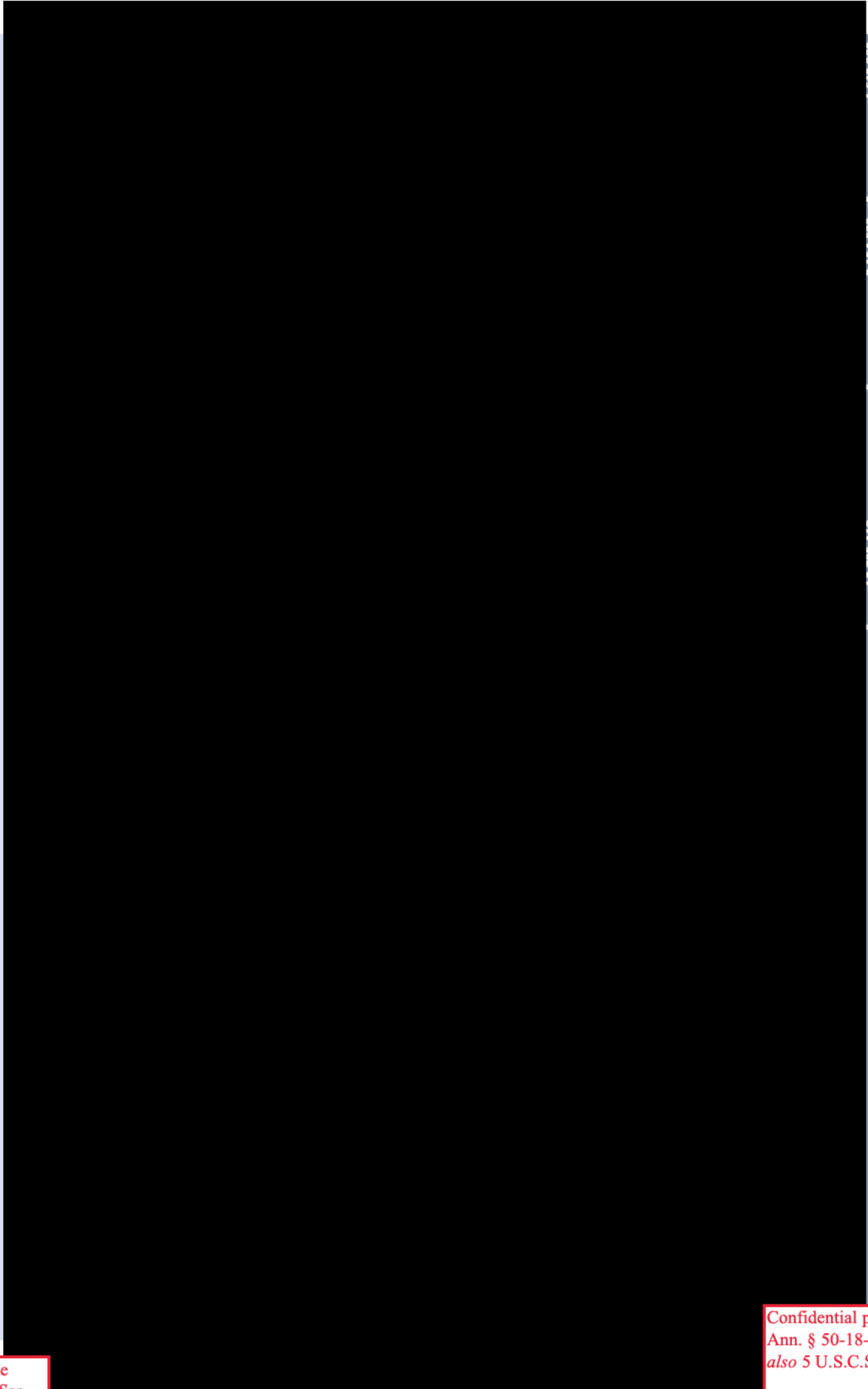
Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).

Federal Assistance 63.73%

Windstream Cost 36.27%

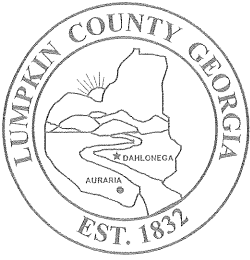
Administrative and Legal Expenses

Type Detail Cost/Unit Quantity Total Cost Unit



\$ 12,795,448 \$ 8,154,539 \$ 4,640,909

Confidential per Ga. Code Ann. § 50-18-72(a)(34); See also 5 U.S.C.S. § 552(b)(4).



LUMPKIN COUNTY BOARD OF COMMISSIONERS



David Miller
District 1

Chris Dockery
Chairman

Rhett Stringer
District 3

Bobby Mayfield
District 2

Jeff Moran
District 4

Letter of Commitment for NTIA Broadband Infrastructure Program

Date: August 16, 2021

Name: Chris Dockery

Address: 99 Courthouse Hill, Dahlonega, GA 30533

Email: Chris.Dockery@LumpkinCounty.GOV

Phone: 706.482.2648

I Chris Dockery, Lead member of the Lumpkin/Windstream Covered Partnership, am committed to adhere to all rules and all requests of the NTIA Broadband Infrastructure Program. I am committed to build out and to complete this Covered Broadband Project in Lumpkin County as submitted and with any approved changes if necessary. I look forward to working within our Covered Partnership and with NTIA. Should there be any questions with this Letter of Commitment, please contact me directly.

Signature

4001 North Rodney Parham Road
Little Rock, Arkansas 72212

Tony Thomas
President & Chief Executive Officer

501.748.7821
tony.thomas@windstream.com



August 13, 2021

**RE: Windstream Letter of Commitment
Broadband Infrastructure Program
Lumpkin County, Georgia**

To Whom It May Concern:

As its President and CEO, I want to confirm that Windstream Services, LLC, on behalf of itself and its applicable subsidiaries ("Windstream"), as a Provider of Fixed Broadband Service and member of the Lumpkin County/Windstream Covered Partnership, is committed to adhere to all rules and all requests of the NTIA Broadband Infrastructure Program. Windstream is also committed to build out and complete this Covered Broadband Project in Lumpkin County as submitted or with any approved changes if necessary. On behalf of me and my team, we look forward to working with you in this Covered Partnership and with NTIA. If there are questions about Windstream's commitment, please contact Paul Jarvis at 501-748-3511 or Paul.F.Jarvis@windstream.com.

DocuSigned by:
Tony Thomas
3568E8EF31A348F...

Tony Thomas
President and CEO

Confidential per Ga. Code
Ann. § 50-18-72(a)(34); See
also 5 U.S.C.S. § 552(b)(4).

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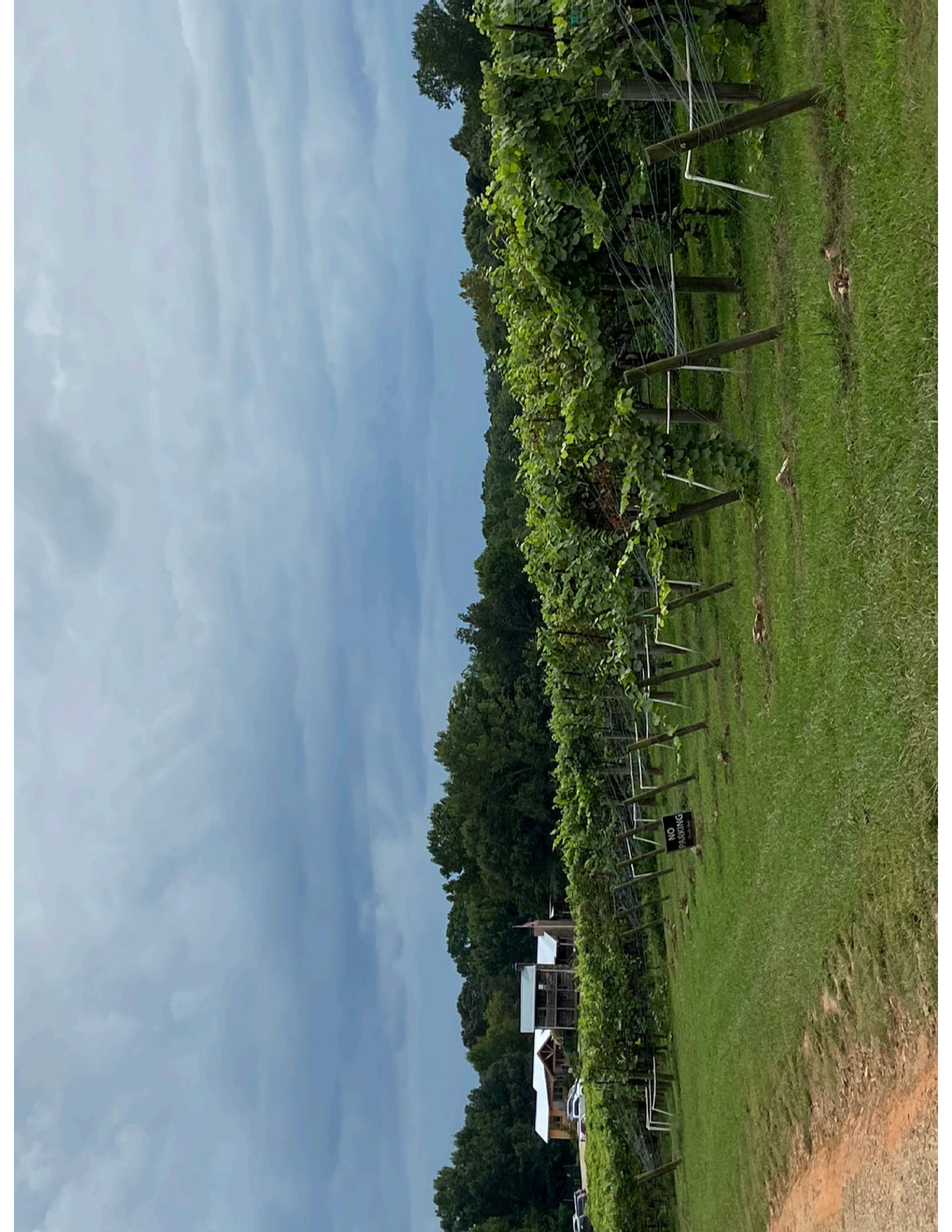
Brick Oven
Farm & Fare



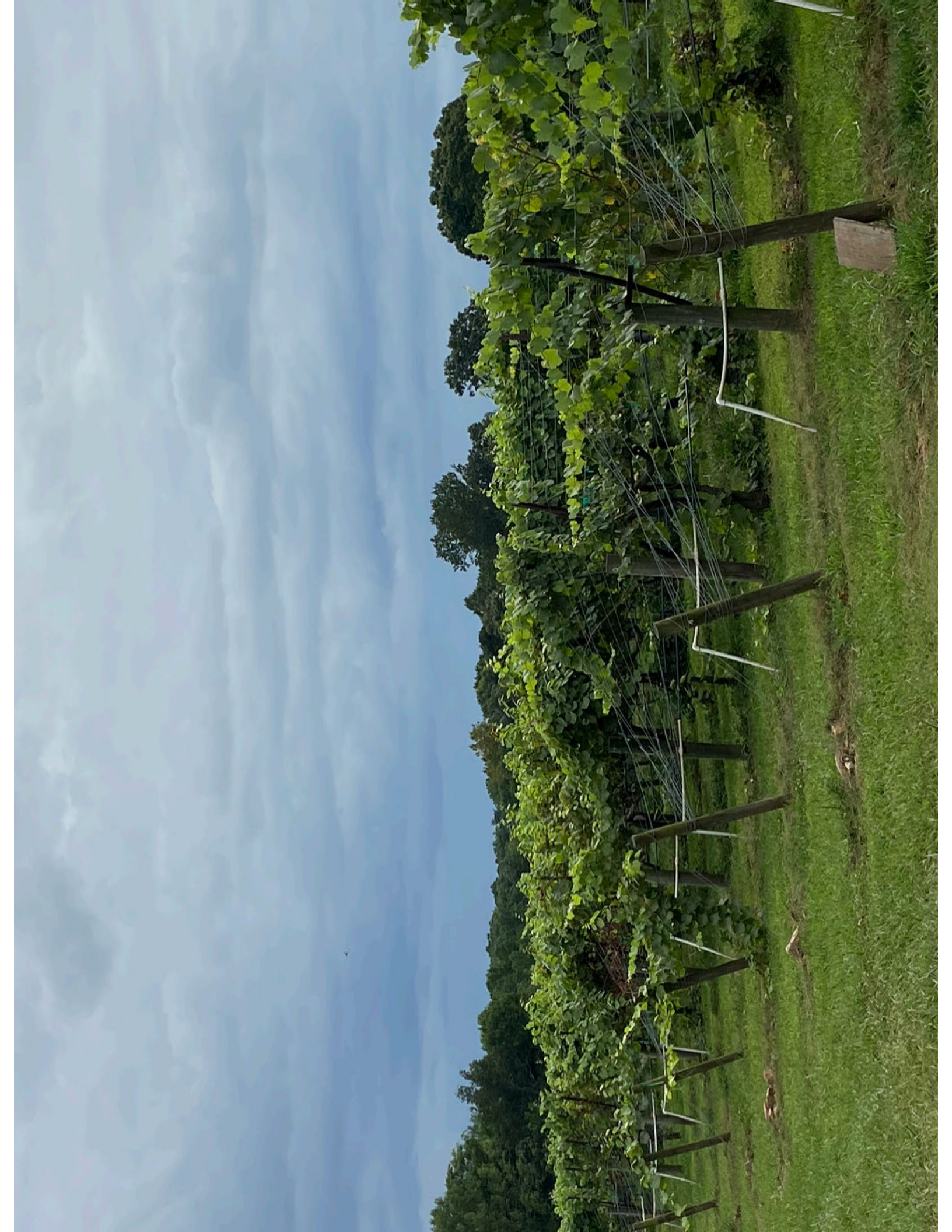
Cavender Creek
VINEYARDS & WINERY

OPEN TODAY 12:30 PM - 6:30 PM





NO
PARKING



TOWN CREEK CHURCH



- ← BEND OF THE RIVER 3.0
- ← KAVA VINEYARD & WINERY 4.3
- ← NORTH GEORGIA ZOO & PETTING FARM 5.9
- ← DARLOWEGA SPA RESORT 3.5
- ← THREE SISTERS VINEYARDS 3.9
- ← FOOTOWN CELLARS 5.4
- ← NEVERLAND FARMS 10.9

TRUBER GREENE

PRESSURE WASHING
706.892.4441