



Alabama Broadband Accessibility Fund  
Grant Request  
for  
Macon County Economic Development  
February 8, 2021



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## **2021 Grant Application**

### **Applicant Information**

Project Name: Macon County

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Legal Name of Entity: Point Broadband Fiber Holding, LLC

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Mailing Address: 1791 OG Skinner Drive West Point, GA 31833

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Name and Title of CEO: Todd Holt, CEO

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Name and Title of Contact: David Ficken, Vice President – Strategic Growth

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Phone Number and Email of Contact: 678-463-7687 / David.Ficken@point-broadband.com

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Note: All successful applicants will be required to complete and submit the Beason-Hammon Alabama Taxpayer and Citizen Protection Act Certification, submit a complete copy of their E-Verify Memorandum of Understanding (MOU), complete and submit the State of Alabama Disclosure Statement, complete and submit the Signatory Authority Form, and register in the State of Alabama Accounting and Resource System (STAARS).

### **A. Project Description**

**This section is worth up to 25 points. Up to an additional 10 bonus points may be available to applicants adequately demonstrating the criteria listed in number seven (7) below. Points will be awarded based on verifiable information only.**

**Please complete the project description sections below. Any additional documentation can be included in an attachment file titled Attachment A, Project Description.**

- 1. A discussion of the area served including boundaries, number of households, businesses, and any community anchors (libraries, schools, police and fire stations, hospitals, etc.). This response shall also identify if the project area is located within an unincorporated area and provide information regarding how the area meets the definition of rural (US Census data). Please complete the following table.**

*Point Broadband is seeking Alabama Broadband Accessibility funding to extend our network in east Alabama to reach unserved and underserved locations throughout Macon County. Point Broadband and the Macon County Economic Development Authority (MCEDA) have collaborated to identify current and future development projects that must have fiber-based broadband connectivity to ensure that the sites are able to meet the needs of prospective clients, and in many cases, help Macon County compete with other areas in the final selection. The proposed project will include over 60 miles of new fiber throughout the county.*

*MCEDA is the legal and official development organization for Macon County. The MCEDA board is comprised of representatives from all four municipalities, the Macon County Commission, Tuskegee University, the Macon County Board of Education, State Legislature, and local Chamber. The MCEDA strategic plan specifically identifies the need to provide broadband to prospective sites in order to monetize them with retail, lodging, services, research, and industrial uses. These projects include:*

- *All five interstate exits in the county and the immediate vicinity along I-85*
- *Major industrial sites, including a CSX Select Site on Highway 81 between Tuskegee and Notasulga*
- *A 735 acre development near Wire Road along County Road 53 and Highway 186*
- *Tracts near Exit 26 for retail and commercial*
- *The artery around Franklin and towards Highway 80 on Pleasant Springs Drive*
- *Development from Shorter to Tuskegee to reach hundreds of citizens and businesses, including major agricultural operations*
- *DC Wolfe Elementary School - The Town of Shorter has contracted with Macon County Board of Education to purchase the school and have a joint partnership for charter schools and senior services, including an internet café for local citizens*

*According to the MCEDA Board, broadband service is essential to the sale and/or use of these sites. In many cases, these sites have development underway and it is critical to deliver service as quickly as possible. For the other sites, it is essential for the MCEDA to have a guarantee of service from a willing provider so they can market these sites competitively to prospective clients. Point Broadband will use the requested ADECA funding and any other available funds to build to these sites and be able to deliver service as soon as it is required.*

*As is the case throughout the country, in MCEDA's survey of communities for its 10-year strategic plan, solving the lack of connectivity is in the top three community priorities. Providing new housing options is also a top priority. In order to get the new housing units constructed, developers must be assured that each home will have world-class connectivity. This effort will be the impetus to begin that process.*

*All locations targeted for this funding are in unincorporated areas of the county and are designated as rural according to the Alabama Broadband Eligibility Map.*

Number of Households to be Served	843
Number of Businesses / Industries to be served	26
Number of Community Anchors to be served	0



2. **A discussion of the technology to be deployed (fiber, cable, DSL, etc.). Additionally, include a discussion of future usage projections and the ability to upgrade.**

*Consistent with Point Broadband's existing network configuration in the area, the company will deploy a Fiber-to-the-Premises architecture that will utilize a direct fiber connection to every home, business, or municipal/county location. The company will deploy electronics throughout the network to ensure maximum throughput as the subscriber count grows. This is the beauty of fiber technology. Once the fiber is deployed, network improvements are easily achieved by upgrading the equipment at either end. Simply stated, the use of fiber connectivity will enable maximum speeds today, and "future-proof" the Macon County subscribers for decades to come.*

3. **A discussion of internet speeds, service tier and pricing levels, data caps, etc.**

*Point Broadband's all-fiber network enables it to offer a variety of service offerings to all residential and commercial customers at speeds ranging from 10Mbps to 10Gbps. The company offers a competitive price schedule and achieves impressive penetration rates based on competitive pricing, local service, and outstanding reliability. Point Broadband does not impose data caps or require contracts for residential customers.*

*A sample rate card for residential services is provided below:*

Performance	100/100	\$	79.95
Performance Plus	200/200	\$	89.95
Ultra	500/500	\$	109.95
Extreme	1000/1000	\$	129.95
Whole Home WiFi		\$	11.99

4. A preliminary technical evaluation of the project that is certified by an engineer. This evaluation should document the ability of the proposed infrastructure to provide the minimum speeds required to all potential customers in the project area. The evaluation shall also include a project cost estimate, project schedule and timeline to include a completion date of no more than two years, and maps showing the proposed project area. Furthermore, the evaluation should demonstrate how promised speeds will be delivered consistently to the project area, show how the network will work using the proposed equipment, and demonstrate how the backhaul will be provided. Maps shall be in .shp, .kml, or .kmz formats.

Additionally, maps shall clearly show area eligibility (unserved areas and rural areas). Generally, applicants may establish that an area is unserved by using the ADECA Broadband map showing unserved areas (<http://adeca.alabama.gov/broadband>). However, applicants are strongly encouraged to conduct a field review. If an area shown as unserved on ADECA's map but becomes served prior to the execution of the grant agreement, the project may not be eligible for funding. An applicant will be required to receive approval from ADECA for methodology prior to submitting an application. Generally, the methodology will include testing or documentation at both ends of a street in question. A map showing all test sites must be included in the application.

#### **4.1 Network Description**

*Point Broadband is seeking funding to extend its all-fiber network to unserved and underserved areas in Macon County. Fiber is the unquestionable "gold standard" of transport for digital connectivity world-wide, and Point Broadband is excited to bring this level of service to the residents, businesses, and public service locations in Macon County. Customers will not only see an immediate benefit in their daily lives, but also, ADECA, community leaders, economic development champions, and the entire customer base can have ultimate confidence that this investment in infrastructure will serve any application well into the future.*

*As an extension of its current network in neighboring Lee County, Point will design the proposed Macon County routes in the same way. In all of its fiber designs, Point uses three basic network architecture components: Backhaul or Interconnection, Distribution, and Last-Mile. These components all work seamlessly together to deliver world-class broadband speeds to each customer.*

##### **4.1.1. Backhaul Architecture**

*Point Broadband will use Alabama Power fiber to connect Macon County subscribers back to Point's operations center in Opelika, AL. Alabama Power has been aggressively building fiber along its power routes to provide broadband providers with quick and*

*affordable access to necessary endpoints. Point already has a relationship with Alabama Power to bring service to residents in Tallapoosa County immediately to the north of Macon County. As noted in the attached maps, Point Broadband will access the Alabama Power fiber northeast of Notasulga, using a new route to be funded by this request.*

*From the Opelika operations center, Point Broadband already has multiple 10Gbps fiber transport circuits to major carrier hotels. Today, Point uses multiple carrier access points and peering centers including but not limited to Digital Realty-Atlanta(56 Marietta), Equinix CH1- Chicago, Switch - Grand Rapids, DET-IX - Detroit, CoLogix-Ohio, and Equinix-Ashburn. Within each data center, the company utilizes direct transit to Hurricane Electric, Cogent, XFERNet and others. In addition, they peer directly with the largest content providers and hundreds of others including Google, Facebook, NetFlix, Hulu, Amazon, Akamai and Apple.*

*To enable automatic redundancy and maximize network uptime, Point utilizes BGP routing connected to multiple carrier hotels. By maintaining these backhaul fiber circuits at less than 40% utilization, including caching servers, they routinely provide 100% N+1 backup without customer degradation. This will be the case in all new markets that receive ADECA support.*

#### **4.1.2 Distribution Fiber**

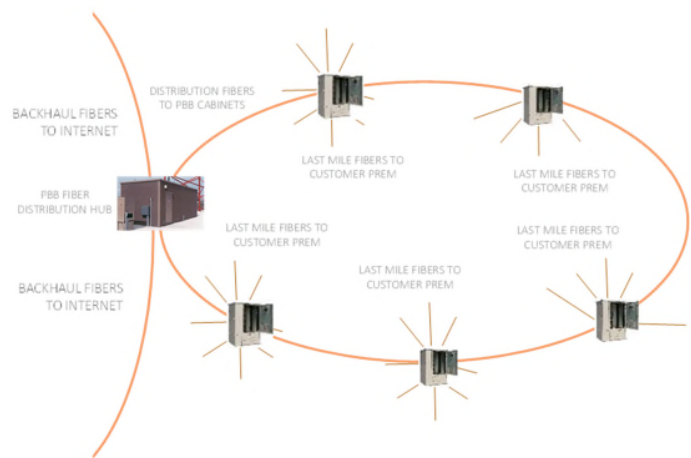
*Point uses high-count “distribution fiber” to reach neighborhood entrances, population centers, and downtown areas where customers reside. The distribution fiber terminates into electronic cabinets that serve nearby customer groups. One cabinet can typically serve 400 customers in an area.*

*To ensure high reliability along the distribution routes, Point uses OSPF routing on VPLS (virtual private line service) with <50ms reroute on these fiber segments. The company will support all new network builds using carrier class equipment built for 5-9s (99.999%) uptime, as they do today. At their primary transition sites, Point will have redundant power systems with battery backup systems and automatic generators.*

#### **4.1.3 Last Mile Customer Connection**

*At the end of these distribution routes, Point will place cabinets that will transition the distribution fiber to “last mile” extensions. Here, the company will utilize its years of experience in engineering, installing and maintaining rural and very rural FTTH networks. Point will design the physical fiber network for 100% take rate exceeding the required 70% take rate assumption in the application. Their GPON standards system has 2.488 Gbps downstream and 1.244Gbps upstream of capacity per single fiber strand, XGPON or 10G-PON has 10Gbps downstream and 2.5Gbps upstream per single strand, and XGS-PON can support 10Gbps x 10Gbps per single fiber strand. The fiber distance served*

depends on the fiber miles, number of splits and splitter loss, but can reach out to 20km. Point installs OLT (Optical Light Terminals) or transmitters at strategic places throughout the network including cabinets and at secure tower site locations. These locations typically do not exceed 6 miles of fiber to the customer. A single 1U transmitter box can handle up to 86 Gbps of switching with up to 16 GPON ports/strands, 16) 10G-GPON ports/strands and service up to 2048 homes and businesses. The company utilizes B+, C+ and C++ fiber-optics to handle shorter and longer runs without the need for pads to lower the signal. Typically, Point uses passive non-powered optical splitters in the field to drop strands to homes and can place up to 128 locations on a single fiber strand. Typically, the company does not place more than 32 customers on a single strand depending on distance and service levels required by the customer. Point can utilize as many strands as needed from the OLT to expand the range before starting split runs or add capacity by having fewer customers per strand. Point also utilizes "Active-E" (also known as Metro or Carrier Ethernet) point-to-point FTTx solutions, including non-blocking, un-shared services up to 100Gbps with latency as low as 3 milliseconds.



#### **4.1.4 System Deliverable**

This system will easily meet the required application speed, latency and usage requirements, and handle any future demand by scaling exponentially with very little additional cost.

#### **4.1.5 Speed Test Results**

See Attachment A: Speed Test Results

#### **4.2 Timeline**

The proposed project will be completed in two phases. Phase 1 will include the north/south route from the Alabama Power fiber tie-in to Highway 80. This will complete the connection to the Internet and enable the company to activate customers along the north/south route. This route will also capture both strategic development sites and two of the five interstate exits early in the project. This route should be completed in 4-6 months.

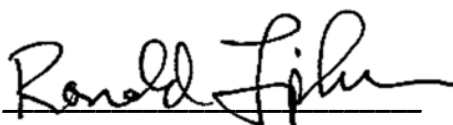


*Upon completion of the north/south route, the build will move to the west along Hwy 80 and terminate at Exit 26 and Exit 22. This should take 3-5 months.*

*The entire project should be complete within 12 months.*

#### **4.3 Network Maps**

*A map of the proposed network is included in Point's response to Question 1: Project Description. In addition, electronic maps have been submitted along with this application.*

**Section 4 certified and submitted by**  **P.E.**

5. **A discussion of the operator's technical and managerial capabilities to complete the project within two years of the effective date of the grant award. Please be aware that grants shall be conditioned on project completion within two years of awarding of the grant. If a recipient fails to complete a project within the two-year deadline due to reasons other than delay caused by a government entity, ADECA may revoke the grant in its entirety.**

*Headquartered in rural Georgia, Point Broadband was created in 2017 to bring superior, fiber-based broadband services to unserved and underserved areas across America. With every connection, Point's vision is to improve the lives of those it serves through fiber technology. In a short time, this focus has propelled them to serve almost 50,000 fiber subscribers via 3500 miles of fiber in eleven states, including over 5,000 customers in Alabama.*

*In 2021, the company already has expansion projects funded and underway in each of market with a goal to serve almost 70,000 customers before year-end. Because Point serves almost all of these customers with a direct fiber connection, it is able to offer a range of high-speed, low latency products including direct Internet connections for residential and commercial customers, point-to-point data connections for enterprise customers, wholesale transport to carrier partners, extensive digital voice services, and traditional, IP, and streaming video services.*

*In addition to investing heavily in the network, Point Broadband also invests heavily in the health of the communities it serves by partnering with both customers and local leadership to make their communities great places to live, work, and play.*

*As a company, Point is fortunate to have a seasoned leadership team with decades of experience in various broadband, wireless, telco, and transport companies. In addition, the company is backed by capital partners with an equal level of experience in building*

*and operating successful technology companies. Every day, Point focuses all of its capital and human resources on solving the problem of rural broadband.*

*In summary, Point is not only well-equipped to complete the requested build within the required two year period, they are in business to do just that.*

6. **A discussion of the applicant's average pole attachment rates charged to an unaffiliated entity (does not apply to a utility as defined under Section 37-4-1 (7)a).**

*As a fiber-based broadband provider, Point must secure pole attachment rights from investor-owned power companies, power cooperatives, and municipal power providers in the markets they serve. The company does not own any poles and therefore, does not charge others.*

7. **A discussion of the applicant's plan to use vendors and subcontractors that have been certified as a Minority Business Enterprise by the Alabama Minority Business Enterprise program and/or certified by another government entity as being a Disadvantaged Business Enterprise. Please be advised if an applicant chooses to claim consideration under this criterion, a quarterly report documenting activities will be required.**

*The company does not currently have a plan to prioritize use of MBE subcontractors. Each subcontractor is chosen based on an evaluation of experience, pricing, and expertise needed to perform the job.*

8. **A discussion of Middle Mile Projects (if applicable). The applicant shall demonstrate that the project will connect other service providers eligible for grants under this section with broadband infrastructure further upstream in order to enable such providers to offer broadband service to end users; provided that eligible projects under this subdivision may include projects in (i) an unserved area or (ii) a rural area that does not meet the definition of an unserved area but otherwise meets the requirements of this section, for which the grant applicant demonstrates, by specific evidence, the need for greater broadband speeds, capacity, or service which is not being offered by an existing service provider. An example of specific evidence can be found in the Alabama Broadband Accessibility Fund Frequently Asked Questions.**

*N/A*

9. **A discussion of hospital, public school, public safety, or economic development projects that do not meet the definition of unserved area, but otherwise meets the requirements of the program (if applicable). The applicant must demonstrate by specific evidence, the need for greater broadband speeds, capacity, or service which is not being offered by an existing service provider. Specific evidence may include documentation such as letters from local hospitals, public schools, and public safety**

**institutions. An example of specific evidence can be found in the Alabama Broadband Accessibility Fund Frequently Asked Questions.**

N/A

**B. Application Budget**

**This section is worth up to 25 points. Points will be awarded based on verifiable information only.**

For the table, please complete the shaded boxes. The unshaded boxes will populate automatically. If you are unable to use the formulas in the table, use the following formulas to calculate the percentages: i) 65 percent of total project cost is calculated by multiplying the total project cost by .65, ii) 35 percent of total project cost is calculated by multiplying the total project cost by .35. The total grant amount cannot exceed the lesser of 35 percent of total project costs, or \$1,500,000. If federal funds are involved in the project, please see number 4 below.

Total Project Cost	\$3,152,664.00
65% of Total Project Cost (minimum match)	\$2,049,231.60
35% of Total Project Cost (grant maximum)	\$1,103,432.40
<b>Total Grant Amount Requested (not to exceed \$1.5 million)</b>	<b>\$1,103,432.40</b>

**Please complete the project budget sections below. Any additional documentation can be included in an attachment file titled Attachment B, Project Budget.**

- 1. Itemize eligible project expenses. Generally, eligible expenses will be limited to construction and construction related costs of broadband infrastructure. For the table below, please complete the shaded boxes. The unshaded boxes will populate automatically. Operating expenses will not be eligible expenses. Any additional expenses associated with the project, but not part of the grant budget, should be included in the narrative.**

<b>Budget Item</b>	<b>Total Cost</b>	<b>Grant</b>	<b>Match</b>
Engineering/Design	\$143,738.00	\$50,308.30	\$93,429.70
Materials	\$631,095.00	\$220,883.25	\$410,211.75
Labor	\$2,033,865.00	\$711,852.75	\$1,322,012.25
Construction/Installation	\$0.00	\$0.00	\$0.00
Taxes, Shipping, & Contingency	\$343,966.00	\$120,388.10	\$223,577.90
<b>Total</b>	<b>\$3,152,664.00</b>	<b>\$1,103,432.40</b>	<b>\$2,049,231.60</b>

*Note: Point Broadband has estimated the cost of the Macon County project to be \$3,152,664, which includes a northern fiber route to the Alabama Power fiber tie in. This route is wholly within ADECA's eligible territory beginning in Macon County and continuing into Lee County. While Point Broadband has requested funding to connect several homes along this route through Lee County, the figures do not include the cost of, and no funding is requested for, the homes passed in the Loachapoka area. While these homes are eligible for funding, these homes were excluded in this request in an effort to avoid a potential conflict with Charter's Lee County grant request.*

**2. A discussion of the applicant's necessary financial resources to:**

- a. sustain service to the project area (business model); and**
- b. provide adequate project financing (additional documentation may be requested by ADECA).**

*Point Broadband currently generates in excess of \$70M in annual revenue. The proposed project can be funded from cash proceeds generated from existing operations.*

**3. A discussion of any partners or subcontractors associated with the project's deliverables including but not limited to adoption, deployment, and service delivery. Please describe each party's role in the project.**

*Point Broadband is pleased to submit this request for funding with the full support and partnership of the Macon County Economic Development Authority (MCEDA). In MCEDA's ten year strategic planning process, MCEDA has determined a top three priority for the community's growth and well-being is the deployment of new fiber broadband infrastructure in unserved and underserved areas, especially economic development asset areas.*

*In addition, with the necessity of remote learning brought on by the COVID-19 crisis, students and their families are painfully aware of the disparities of learning opportunities throughout the county. This has added an even greater urgency to deploy reliable, high-speed broadband, now.*

*MCEDA has helped Point identify key development sites that desperately need broadband service in order to attract industrial clients that will bring new jobs and*

*revenues to the area. Without connectivity at world class speeds, MCEDA will not be able to compete. In addition, MCEDA has communicated with the municipalities and county commission which has constituents impacted by the proposed buildout in the grant. Each entity has provided a letter of support for this effort.*

*Led by MCEDA, these local stakeholders will help promote adoption and participation, and facilitate the fiber construction throughout the County. In addition, if Point is successful in securing this state grant funding, MCEDA plans on bringing an even larger community of stakeholders together, including the local Utilities Board of Tuskegee, the County Commission, Macon County Schools, local businesses, etc. to discuss how this team can accelerate the proposed build-out through additional public-private financial contributions and various gifts-in-kind.*

*In regards to the actual deployment of the fiber, Point Broadband will likely use a subcontractor to place the fiber required to serve the target area. This subcontractor has not been named at the time of submission, but every effort will be made to identify capable Macon County vendors.*

*All other sales, marketing, customer service, repair, technician, managerial, and support personnel will be full-time Point Broadband employees.*

**4. A discussion of any funds associated with the project. Please explain if the following provisions apply to your project:**

- a. Projects to serve unserved areas in which the grant applicant is either or both:**
  - (i) an existing or future service provider which has or will receive support through federal universal service funding programs designed specifically to encourage broadband deployment in an area without broadband access; or (ii) an existing or future service provider which has or will receive other forms of federal or state financial support or assistance, such as a grant or loan from the United States Department of Agriculture.**
- b. Any award of state funds under this act, when combined with other forms of state or federal support or assistance dedicated to the project, other than interest—bearing loans, may not exceed 60 percent of the total project costs.**

*At the time of this submission, Point Broadband has been unofficially awarded \$379,144 in federal RDOF support for 164 locations within the Macon County grant-submitted area. If the federal RDOF award is officially awarded later this year, the combined total of the ADECA funding requested and the federal RDOF funds will be \$1,482,576.40, or 47% of the cost of the ADECA-area build.*


### **C. Other Program Priorities**

**Please answer each of the following questions either “yes” or “no.” For each “yes” answer, please provide a brief narrative and any supporting documentation in an attachment labeled Attachment C, Other Program Priorities. Any claims that cannot be verified will receive zero points in our scoring system. “No” answers will receive zero points in our scoring system. “Yes” answers (that can be verified) will receive up to 10 points.**

Does this project seek to leverage grant funds through private investment?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	If yes, include an explanation and documentation in a file titled Attachment C
Will this project be an extension of existing infrastructure?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	If yes, include an explanation and documentation in a file titled Attachment C
Does this project serve locations with demonstrated community support?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	If yes, include an explanation and documentation in a file titled Attachment C
Will this project serve the highest number of unserved homes, businesses, and community anchor points for the least cost?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	If yes, include an explanation and documentation in a file titled Attachment C
Does this project emphasize the highest broadband speeds?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	If yes, include an explanation and documentation in a file titled Attachment C
Will this project provide material broadband enhancements to hospitals located in rural areas?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	If yes, include an explanation and documentation in a file titled Attachment C
Will this project support local libraries in this state for the purpose of assisting the libraries in offering digital literacy training pursuant to state library and archive guidelines?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	If yes, include an explanation and documentation in a file titled Attachment C
Is the applicant a certified Minority Business Enterprise under the Alabama Minority Business Enterprise Program? Or is it certified under another Disadvantaged Business Enterprise Program?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	If yes, include an explanation and documentation in a file titled Attachment C

#### **D. Certifications**

1. The applicant certifies that it is a non-governmental entity. **Yes.**
2. The applicant certifies all new customers served as a result of this project will have access to an internet connection that provides a capacity for transmission at an average speed per customer of at least 25 Mbps download and at least 3 Mbps upload. **Yes.**
3. The applicant certifies that all new customers served as a result of this project are not located within the boundaries of any incorporated city or town having a population in excess of 25,000 inhabitants, according to the last federal census. **Yes.**
4. The applicant certifies that it has the technical and managerial capabilities to complete the project within two years of the effective date of the grant agreement. **Yes.**
5. The applicant certifies that the area to be served does not have at least one provider of terrestrial broadband service that is either: (1) offering a connection to the Internet meeting the minimum service threshold; or (2) is required, under the terms of the Federal Universal Service Fund or other federal or state grant, to provide a connection to the Internet at speeds meeting the minimum service threshold by March 28, 2023. **Yes.**

Certification	
I the undersigned am authorized to obligate my entity and enter into agreements for my organization. I understand that the above certifications do not guarantee funding and a grant agreement will be executed prior to project funds being expended. I further understand that if the above statements cannot be verified, no grant funds will be awarded under this program. Finally, to the best of my knowledge the above certifications are true and correct.	
Signature of Applicant: 	Date: 2/05/2021
Title of Applicant: Vice President – Strategic Growth	

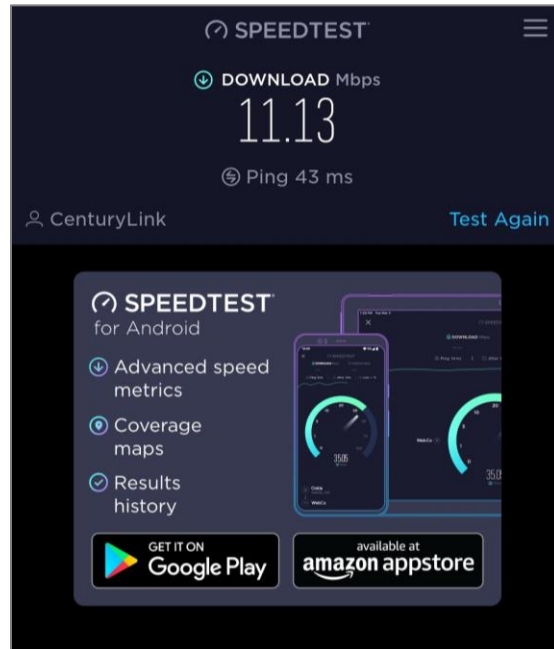
For more information regarding the Alabama Broadband Accessibility Fund, please send questions to Chris Murphy at [broadband.fund@adeca.alabama.gov](mailto:broadband.fund@adeca.alabama.gov), or call (334) 242-5292 between the hours of 8:00 a.m. to 4:00 p.m., Monday through Friday.

Attachment A:  
Speed Test Results

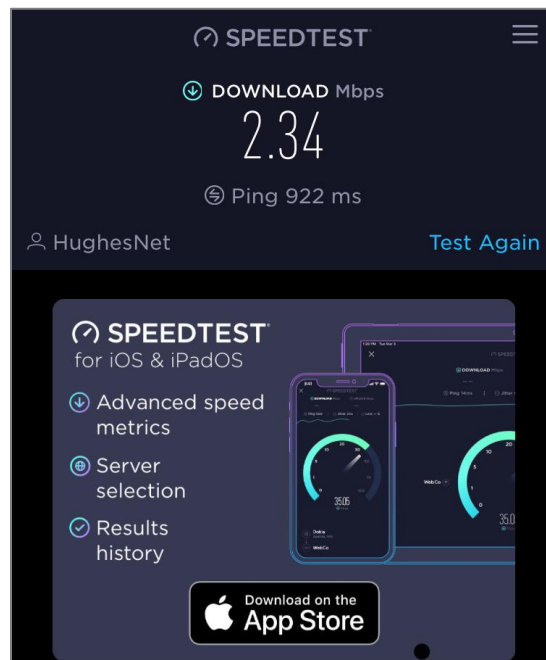


Speed tests conducted Feb. 2-4, 2021 (via <https://www.speedtest.net>).

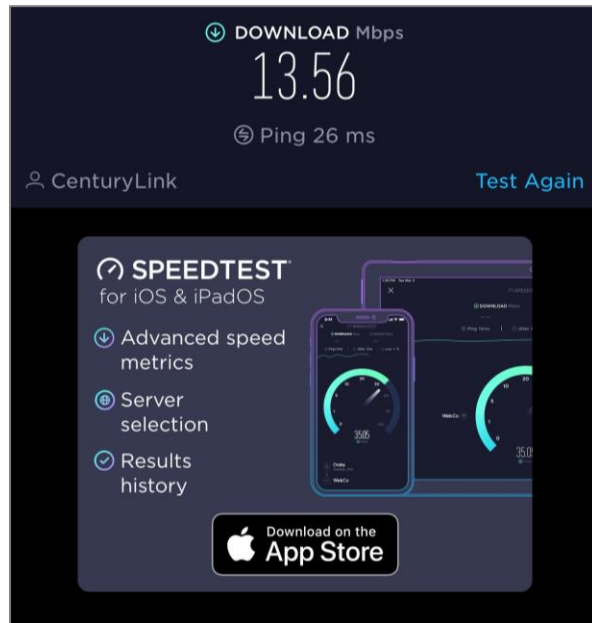
1. Test location: Tallapoosa Street, Notasulga  
Results: Ping 43 ms; Download 11.13 Mbps; ISP: CenturyLink



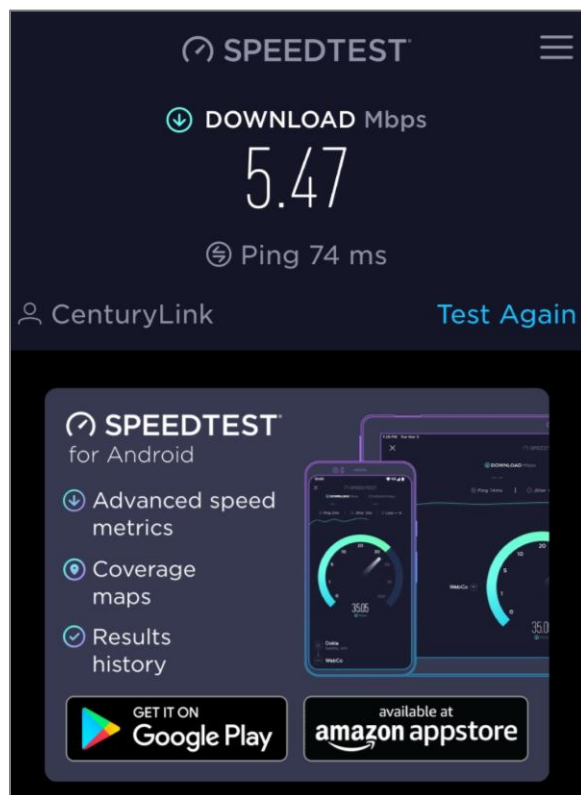
2. Test location: Hwy 14, Notasulga  
Results: Ping 922 ms; Download 2.34 Mbps; ISP: HughesNet



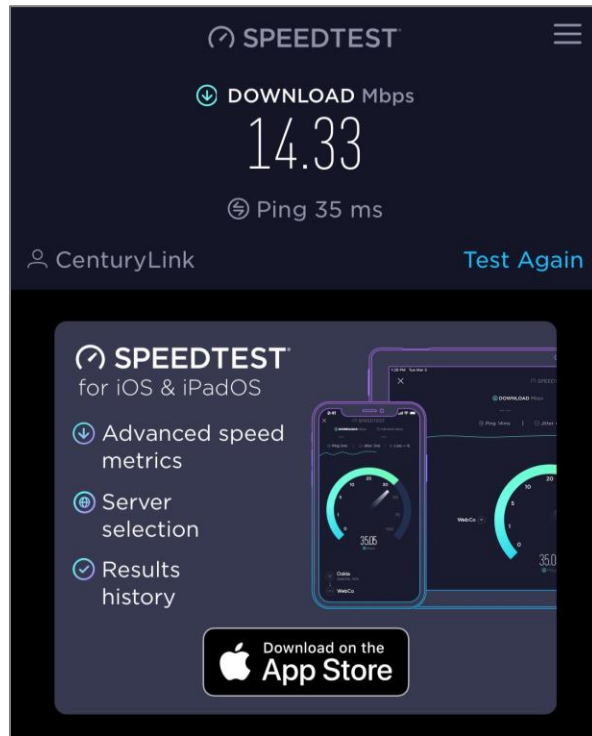
3. Test location: Tallapoosa Street near Notasulga Post Office  
Results: Ping 26 ms; Download 13.56; ISP: CenturyLink



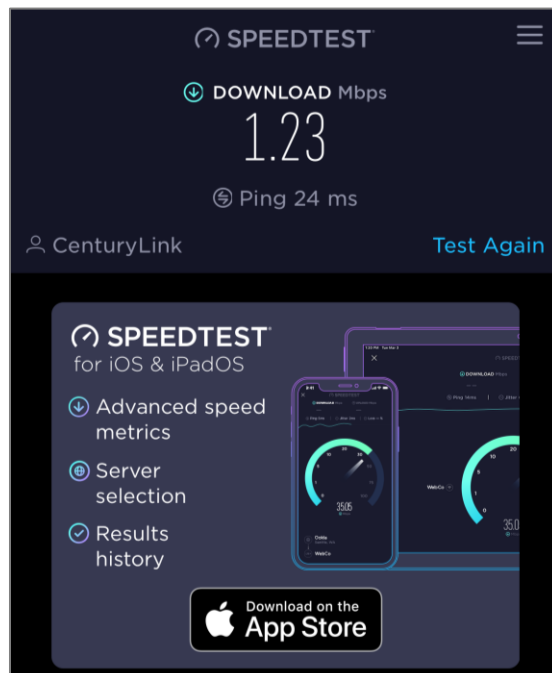
4. Test location: East Main Street, Notasulga  
Results: Ping 74 ms; Download 5.47; ISP: CenturyLink



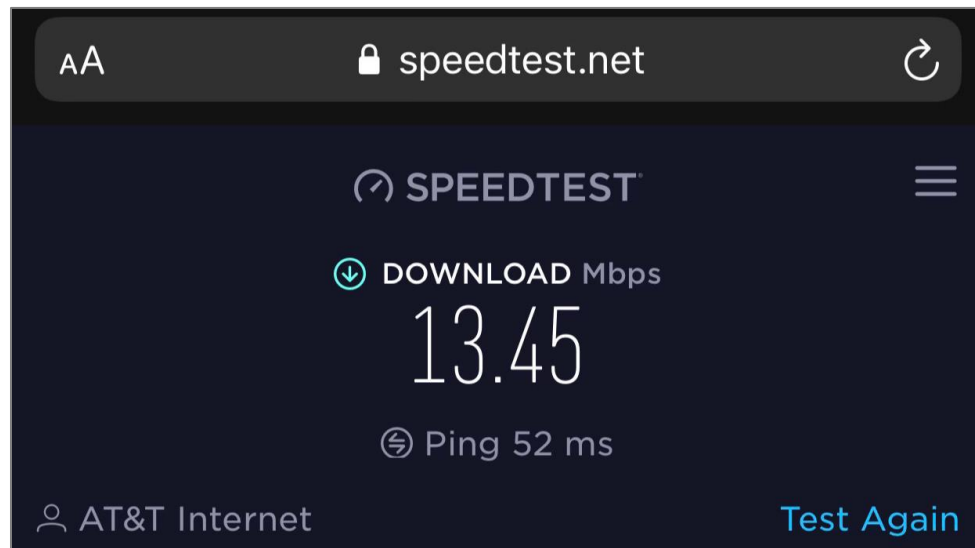
5. Test location: Tallapoosa Street, Notasulga  
Results: Ping 35 ms; Download 14.33; ISP: CenturyLink



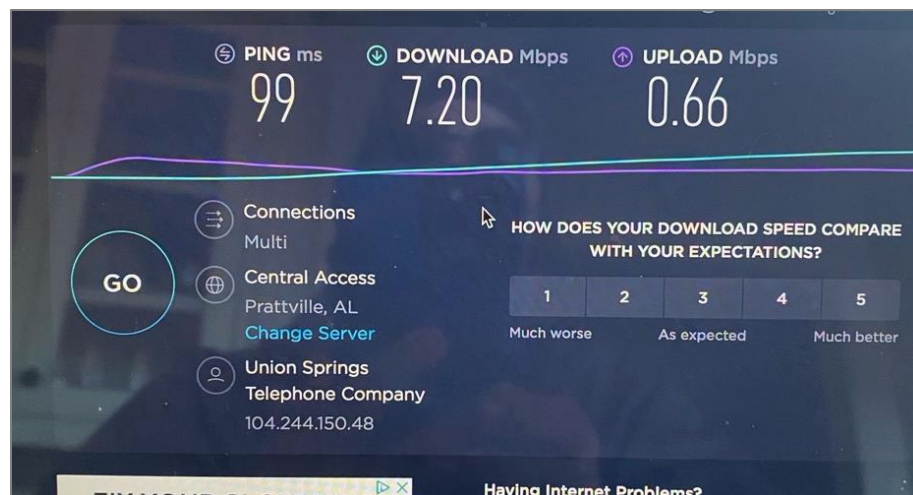
6. Test location: Hwy 29, Tuskegee  
Results: Ping 24 ms; Download 1.23; ISP: CenturyLink



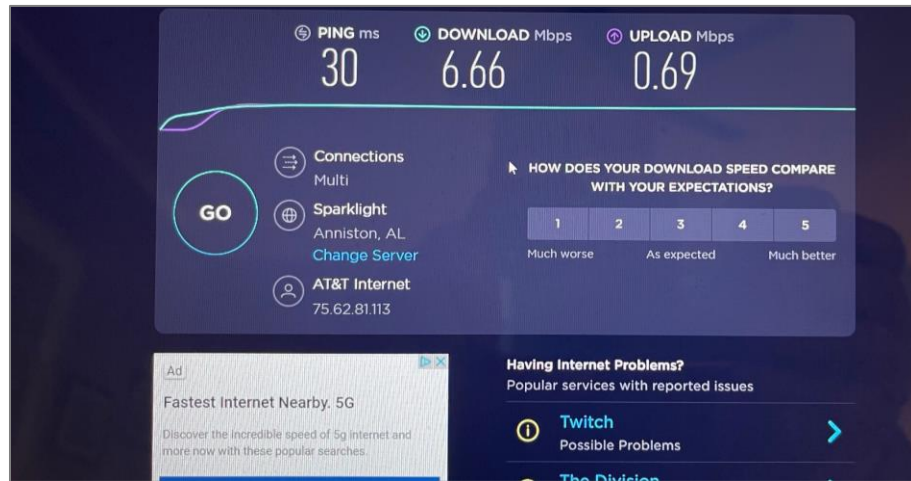
7. Test location: County Rd 2, Shorter  
Results: Ping 52 ms; Download 13.45 Mbps; ISP: AT&T



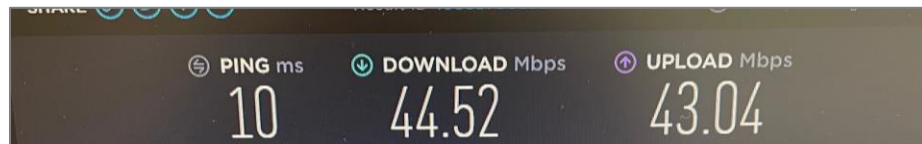
8. Test location: Downs Rd, Hardaway  
Results: Ping 99 ms; Download 7.20 Mbps / Upload 0.66 Mbps  
ISP: Union Springs Telephone Company



9. Test location: Hwy 29, Tuskegee  
Results: Ping 30 ms; Download 6.66 Mbps; ISP: AT&T



10. Test location: Co. Rd. 53, Tuskegee  
Results: Ping 10 ms; Download 44.52 Mbps; ISP: AT&T Enterprise



Attachment B:  
Project Budget



# Point Broadband FTTH Project Estimate

Fiber to the Home - Network Design and Cost Estimate Prepared for:		ADECA Macon County	
Regional Construction Rates:		Alabama	
Network Design & Estimate:		Joe Persica	
Version:		2.1	
Date:		3/31/2021	
Active-E		Active-E	

		Project Estimate Totals				Cost	CPM	CPPP
0		Empty Lots Passed				Network Labor \$ 2,038,446	\$ 45,778	\$ 2,346
843		Homes passed				Network Materials \$ 509,578	\$ 11,444	\$ 586
26		Commercial Bus Passed				Sub-Total \$ 2,548,023	\$ 57,221	\$ 2,932
869		Total Lots/Homes/Businesses Passed				10% Materials Tax & Ship \$ 50,958	\$ 1,144	\$ 59
0	0	Overlap on Existing Strand (Ft. & Miles)				10% Contingency \$ 254,802	\$ 5,722	\$ 293
231915	43.92	New Strand (Ft. & Miles)				Network Total \$ 2,853,783	\$ 64,088	\$ 3,284
231915	43.92	Total Aerial - Distribution Only (Ft. & Miles)				Cost per sheath mile	\$ 46,609	
0	0.00	Joint-trench (Ft. & Miles)				Input Year 1 Subs(%) =	50%	435
3200	0.61	New Underground (Ft. & Miles)				Sub Install Labor \$ 139,157		
3200	0.61	Total Joint-Trench + Underground - Distribution Only (Ft. & Miles)				Sub Install Materials \$ 121,517		
235115	44.53	Total Project - Aerial + Underground Distribution Only (Ft. & Miles)				Sub-Total \$ 260,675		
323285	61.23	Total Project - Fiber Sheath (Ft. & Miles)				10% Materials Tax & Ship \$ 12,139		
						10% Contingency \$ 26,067		
						Sub Connect Total \$ 298,881		\$ 687
						TOTAL PROJECT COSTS \$ 3,152,664		\$ 3,971
20		Total Lots/Homes/Businesses Passed Per Mile						

Labor								
Item	UID	Description - UG, Aerial, Micro-Duct, Fiber, Splicing, Hub Electronics Installation	UOM	Price	Quantity	Cost	CPM	CPHP
UG Distribution		Micro-trench 3/4" wide x 4" to 6" Deep - Includes 1 to 3 micro ducts and In-fill	foot	\$ 6.75	0	\$ -	\$ -	\$ -
UG Distribution		Conventional underground construction placing duct	foot	\$ 8.00	3200	\$ 25,600	\$ 575	\$ 29
UG Distribution		Blow Micro-Fiber Cable into Micro-Duct (includes figure-8s where necessary)	foot	\$ 0.60	12800	\$ 7,680	\$ 172	\$ 9
UG Distribution		Core Drill 12" Hole and install T/X junction box in asphalt	each	\$ 50.00	0	\$ -	\$ -	\$ -
UG Distribution		Install small handhole or 10" pull box	each	\$ 45.00	0	\$ -	\$ -	\$ -
UG Distribution		Install vault	each	\$ 175.00	6	\$ 1,050		
UG Distribution		Install fiber into standard or pedestal enclosure (ring cut, buffer tube & bare fiber)	each	\$ 125.00	6	\$ 750	\$ 17	\$ 1
Aerial Distribution		Install first fiber on strand, any count	foot	\$ 1.20	235115	\$ 282,138	\$ 6,336	\$ 325
Aerial Distribution		Install second fiber on strand, any count	foot	\$ 0.35	58779	\$ 20,573	\$ 462	\$ 24
Aerial Distribution		Power Pole Make Ready (Place holder until field engineering completion)	each	\$ 26,500.00	44	\$ 1,163,968	\$ 26,139	\$ 1,339
Aerial Distribution		Install new Aerial construction hardware (Strand, grounding, etc.)	foot	\$ 1.20	231915	\$ 278,298	\$ 6,250	\$ 320
Aerial Distribution		Install Anchor	each	\$ 45.00	277	\$ 12,465	\$ 280	\$ 14
Aerial Distribution		Install access terminal	each	\$ 115.00	203	\$ 23,345	\$ 524	\$ 27
Distribution Splicing		OSP fiber splicing (per fusion splice)	each	\$ 22.00	3420	\$ 75,240	\$ 1,690	\$ 87
Hub		Install cabinet/rack and electronic components (each cabinet)	each	\$ 1,200.00	3	\$ 3,600	\$ 81	\$ 4
Hub		Install splitter modules 1x32 or IGX Tails	each	\$ 80.00	0	\$ -	\$ -	\$ -
Subtotal						\$ 1,894,707	\$ 42,550	\$ 2,180

Item		Description - Fiber Drop Based on Penetration and Average Distance per HP	UOM	Price	Quantity	Cost	CPM	CPHP
Aerial Drop		Install aerial drop	each	\$ 144.90	430	\$ 62,379	\$ 1,401	\$ 72
UG Drop		Install underground drop	each	\$ 144.90	5	\$ 653	\$ 15	\$ 1
Sub total						\$ 63,032	\$ 1,416	\$ 73

Item		Description - CPE NID Associated Labor	UOM	Price	Quantity	Cost	CPM	CPHP
CPE		Install OSP NID on side of house	each	\$ 75.00	435	\$ 32,625	\$ 733	\$ 38
CPE		Install WiFi Gateway and fiber inside of house	each	\$ 100.00	435	\$ 43,500	\$ 977	\$ 50
Sub total						\$ 76,125	\$ 1,710	\$ 88

Item		Description - Other Associated Labor - Engineering and Project Mgt	UOM	Price	Quantity	Cost	CPM	CPHP
Technical		Project Management (5000 Ft per day - complete)	Day	\$ 1,000.00	48	\$ 48,000	\$ 1,078	\$ 55
Engineering		Desktop Design Engineering (includes fiber assignments & splice matrix)	Mile	\$ 400.00	45	\$ 17,812	\$ 400	\$ 20
Engineering		Field Engineering	Mile	\$ 750.00	45	\$ 33,397	\$ 750	\$ 38
Engineering		Permitting	Mile	\$ 1,000.00	45	\$ 44,529	\$ 1,000	\$ 51
Sub total						\$ 143,738	\$ 3,228	\$ 165

Materials								
Item		Description - Fiber Cable and Fiber Drop	UOM	Price	Quantity	Cost	CPM	CPHP
Fiber Distribution		Corning ALTOS LT/Aerial Cable 12F	foot	\$ 0.25	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning ALTOS LT/Aerial Cable 24F	foot	\$ 0.30	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning ALTOS LT/Aerial Cable 48F	foot	\$ 0.39	9115	\$ 3,555	\$ 80	\$ 4
Fiber Distribution		Corning ALTOS LT/Aerial Cable 72F	foot	\$ 0.52	58628	\$ 30,487	\$ 685	\$ 35
Fiber Distribution		Corning ALTOS LT/Aerial Cable 96F	foot	\$ 0.67	159914	\$ 107,142	\$ 2,406	\$ 123
Fiber Distribution		Corning ALTOS LT/Aerial Cable 144F	foot	\$ 1.04	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning ALTOS LT/Aerial Cable 216F	foot	\$ 2.00	95628	\$ 191,256	\$ 4,295	\$ 220
Fiber Distribution		Corning MiniXtend Cable 12F	foot	\$ 0.17	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning MiniXtend Cable 24F	foot	\$ 0.21	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning MiniXtend Cable 48F	foot	\$ 0.34	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning MiniXtend Cable 72F	foot	\$ 0.42	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning MiniXtend Cable 96F	foot	\$ 0.57	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning MiniXtend Cable 144F	foot	\$ 0.76	0	\$ -	\$ -	\$ -
Fiber Distribution		Corning MiniXtend Cable 288F	foot	\$ 1.74	0	\$ -	\$ -	\$ -
Sub Total						\$ 332,440	\$ 7,466	\$ 383

Item		Description - Polyethylene Duct, Connectors & MT Reinstatement	UOM	Price	Quantity	Cost	CPM	CPHP
Reinstatement		Resin based In-Fill Material for Micro-Trench	foot	\$ 2.03	0	\$ -	\$ -	\$ -
Duct		10/6 mm Micro-Duct Drop with locate wire (150 foot Average Length)	foot	\$ 0.17	0	\$ -	\$ -	\$ -
Duct		16/12 mm Micro-Duct (4-way)	foot	\$ 0.63	0	\$ -	\$ -	\$ -
Duct		16/12 mm Micro-Duct (3Way with locate wire) (Used in Joint Trench applications)	foot	\$ 0.80	0	\$ -	\$ -	\$ -

Duct		16/12 mm Micro-Duct (single)	foot	\$ 0.17	3200	\$ 544	\$ 12	\$ 1
Duct		Push-on Connector Straight 10 mm Micro-Duct	each	\$ 3.00	0	\$ -	\$ -	\$ -
Duct		Push-on Connector Straight 16 mm Micro-Duct single	each	\$ 4.00	0	\$ -	\$ -	\$ -
Duct		Push-on Connector End Cap 10 mm Micro-Duct	each	\$ 2.00	0	\$ -	\$ -	\$ -
Duct		Push-on Connector End Cap 16 mm Micro-Duct	each	\$ 2.50	0	\$ -	\$ -	\$ -
Duct		Locate / Tracer Wire	each	\$ 0.08	0	\$ -	\$ -	\$ -
Duct		Stainless Steel Micro-trench duct hold down clips	each	\$ 0.65	0	\$ -	\$ -	\$ -
Sub Total						\$ 544	\$ 12	\$ 1
Item		Description - Underground or Aerial Construction Material	UOM	Price	Quantity	Cost	CPM	CPHP
Distribution		PLP Coyote Grown Level Enclosure/Pedestal with splice tray (or equivalent)	each	\$ 325.00	0	\$ -	\$ -	\$ -
Distribution		Martin 10"x15" Rectangular Handhole	each	\$ 25.30	0	\$ -	\$ -	\$ -
Distribution		12" Round T or X in-street Junction Box	each	\$ 50.00	0	\$ -	\$ -	\$ -
Distribution		Small 10" Round hand-hole for future drop conduit terminations	each	\$ 35.00	0	\$ -	\$ -	\$ -
Distribution		17x30x24 HDPE vault	each	\$ 240.00	6	\$ 1,440	\$ 32	\$ 2
Distribution		Aerial construction hardware (for new strand)	foot	\$ 0.36	231915	\$ 83,489	\$ 1,875	\$ 96
Distribution		Aerial construction hardware (for overlash)	foot	\$ 0.03	0	\$ -	\$ -	\$ -
Distribution		PLP Coyote ATC aerial fiber terminal with 2 SCAPC Terminations	each	\$ 115.00	203	\$ 23,345	\$ 524	\$ 27
Distribution		Corning Evolv 2-port terminal 125' - (2F)	each	\$ 65.86	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 2-port terminal 250' - (2F)	each	\$ 77.96	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 2-port terminal 375' - (2F)	each	\$ 90.05	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 2-port terminal 500' - (2F)	each	\$ 102.15	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 2-port terminal 750' - (2F)	each	\$ 134.01	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 2-port terminal 1000' - (2F)	each	\$ 160.18	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 4-port terminal 125' - (4F)	each	\$ 108.83	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 4-port terminal 250' - (4F)	each	\$ 121.28	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 4-port terminal 375' - (4F)	each	\$ 134.54	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 4-port terminal 500' - (4F)	each	\$ 147.90	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 4-port terminal 750' - (4F)	each	\$ 181.62	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 4-port terminal 1000' - (4F)	each	\$ 214.86	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 6-port terminal 125' - (6F)	each	\$ 134.42	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 6-port terminal 250' - (6F)	each	\$ 149.44	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 6-port terminal 375' - (6F)	each	\$ 161.94	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 6-port terminal 500' - (6F)	each	\$ 174.44	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 6-port terminal 750' - (6F)	each	\$ 214.46	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 6-port terminal 1000' - (6F)	each	\$ 251.41	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 8-port terminal 125' - (8F)	each	\$ 150.91	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 8-port terminal 250' - (8F)	each	\$ 169.39	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 8-port terminal 375' - (8F)	each	\$ 187.87	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 8-port terminal 500' - (8F)	each	\$ 204.74	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 8-port terminal 750' - (8F)	each	\$ 234.01	0	\$ -	\$ -	\$ -
Distribution		Corning Evolv 8-port terminal 1000' - (8F)	each	\$ 272.39	0	\$ -	\$ -	\$ -
Sub Total						\$ 108,274	\$ 2,432	\$ 125
Item		Description - Splicing Material	UOM	Price	Quantity	Cost	CPM	CPHP
Distribution		COMMSCOPE FOSC 450-B Splice Closure	each	\$ 232.96	6	\$ 1,398	\$ 31	\$ 2
Distribution		COMMSCOPE FOSC 450-D Splice Closure	each	\$ 371.43	0	\$ -	\$ -	\$ -
Distribution		Taut-Sheath Closure SCA-9T34	each	\$ 215.00	0	\$ -	\$ -	\$ -
Distribution		Strand mount bracket for closures	each	\$ 24.95	6	\$ 150	\$ 3	\$ 0
Distribution		SC Fiber Jumpers	each	\$ 2.00	1710	\$ 3,420	\$ 77	\$ 4
Distribution		Splice Sleeves	each	\$ 0.50	3420	\$ 1,710	\$ 38	\$ 2
Distribution		Extra 24 fiber splice tray	each	\$ 24.00	12	\$ 288	\$ 6	\$ 0
Sub Total						\$ 6,965	\$ 156	\$ 8
Item		Description - Hub & Cabinet Hardware/Electronics	UOM	Price	Quantity	Cost	CPM	CPHP
Electronics		Backbone Router Cisco or Equivalent	each	\$ 4,000.00	3	\$ 12,000	\$ 269	\$ 14
Electronics		DC Power Supply/battery backup/Rectifier Module for Switch/PON Electronics	each	\$ 4,000.00	3	\$ 12,000	\$ 269	\$ 14
Electronics		Active Ethernet Access Switches + CSFPx24 + DAC SFP	each	\$ 930.00	10	\$ 9,300	\$ 209	\$ 11
Electronics		Dual Channel BiDi 10km CSFP Transceivers for Access Switch (2 Subs each)	each	\$ 29.00	218	\$ 6,322	\$ 142	\$ 7
Cabinet Hardware		Active Ethernet Cabinet for up to 576 HP Max	each	\$ 5,400.00	3	\$ 16,200	\$ 364	\$ 19
Cabinet Hardware		Trip-lite LTE Out of Band Access Controller (Rural Markets Only)	each	\$ 925.00	0	\$ -	\$ -	\$ -
Cabinet Hardware		576c Wall mount FOSC Trees, Splice Trays, LCUPC Pigtails, Fiber Parking Lots	each	\$ 1,844.00	3	\$ 5,532	\$ 124	\$ 6
Sub Total						\$ 61,354	\$ 1,378	\$ 71
Item		Description - Customer Premise Equipment & Drop Material	UOM	Price	Quantity	Cost	CPM	CPHP
Fiber Drop		Corning ROC Drop 1F	foot	\$ 0.10	349776	\$ 34,978	\$ 785	\$ 40
Fiber Drop		PPC Pushable Drop Cable 1F (6500' Reel)	foot	\$ 0.12	0	\$ -	\$ -	\$ -
Fiber Drop		PPC Pushable Drop 1F (100') w/1 connector	each	\$ 32.34	0	\$ -	\$ -	\$ -
Fiber Drop		PPC Pushable Drop 1F (200') w/1 connector	each	\$ 41.84	0	\$ -	\$ -	\$ -
Fiber Drop		PPC Pushable Drop 1F (300') w/1 connector	each	\$ 51.34	0	\$ -	\$ -	\$ -
Fiber Drop		PPC Pushable Drop 1F (400') w/1 connector	each	\$ 62.42	0	\$ -	\$ -	\$ -
Fiber Drop		Corning SST Drop 1F	foot	\$ 0.09	0	\$ -	\$ -	\$ -
Fiber Drop		Corning SST Drop 2F	foot	\$ 0.10	0	\$ -	\$ -	\$ -
Fiber Drop		Corning SST Drop 4F	foot	\$ 0.13	0	\$ -	\$ -	\$ -
Fiber Drop		Corning SST Drop 6F	foot	\$ 0.15	0	\$ -	\$ -	\$ -
Fiber Drop		Corning SST Drop 8F	foot	\$ 0.18	0	\$ -	\$ -	\$ -
Fiber Drop		Corning SST Drop 12F	foot	\$ 0.23	0	\$ -	\$ -	\$ -
Fiber Drop		Corning OptiTap 100' with 1 pushlock connector	each	\$ 36.56	0	\$ -	\$ -	\$ -
Fiber Drop		Corning OptiTap 150' with 1 pushlock connector	each	\$ 41.40	0	\$ -	\$ -	\$ -
Fiber Drop		Corning OptiTap 200' with 1 pushlock connector	each	\$ 46.24	0	\$ -	\$ -	\$ -
Fiber Drop		Corning OptiTap 250' with 1 pushlock connector	each	\$ 51.08	0	\$ -	\$ -	\$ -
Fiber Drop		Corning OptiTap 300' with 1 pushlock connector	each	\$ 55.91	0	\$ -	\$ -	\$ -
Fiber Drop		Corning OptiTap 400' with 1 pushlock connector	each	\$ 65.59	0	\$ -	\$ -	\$ -
Fiber Drop		Corning OptiTap 500' with 1 pushlock connector	each	\$ 75.27	0	\$ -	\$ -	\$ -
Drop		Fuse-on SC Connector for Drops (1 termination point at customer premise)	each	\$ 8.00	435	\$ 3,480	\$ 78	\$ 4
CPE		Optical Network Unit ONU (Home Gateway includes Tx/Rx & WiFi/router function)	each	\$ 175.00	435	\$ 76,125	\$ 1,710	\$ 87.60
CPE		Optical Network Interface Unit NID fiber drop termination box on outside of house	each	\$ 40.00	435	\$ 17,400	\$ 391	\$ 20.02
CPE		Optical Network Interface Unit NID fiber drop termination (large commercial box)	each	\$ 150.00	0	\$ -	\$ -	\$ -
CPE		Outdoor Ruckus Commercial Outdoor/Indoor WiFi access point	each	\$ 900.00	0	\$ -	\$ -	\$ -
Sub Total						\$ 131,983	\$ 2,964	\$ 152



## Attachment C: Other Priorities

## **Attachment C**

### **Does this project seek to leverage grant funds through private investment?**

*Yes. Point Broadband will need to make a significant private investment to complete the proposed project, beyond the contribution of ADECA and RDOF funds.*

### **Will this project be an extension of existing infrastructure?**

*Yes. The proposed project will connect to our existing network in neighboring Lee County.*

### **Does this project serve locations with demonstrated community support?**

*Yes. The project is enthusiastically supported by a variety of public and private entities, from residents and small businesses to community leaders and the Macon County Economic Development Board. Please see Attachment D for a compilation of support letters.*

### **Will this project serve the highest number of unserved homes, businesses, and community anchor points for the least cost?**

*Yes. Point Broadband has a proven record of achieving the lowest cost per passing possible for an all-fiber build using a combination of high volume contractor relationships, expert project management, and partnerships with local communities, pole owners, and others who want to see these projects succeed and offer help in a variety of ways to offset costs.*

### **Does this project emphasize the highest broadband speeds?**

*Yes. As noted in the network description, the proposed network utilizes 100% fiber transport supported by carrier class network equipment. As a result, residential and commercial customers alike can secure the highest connection speeds possible, and grow with confidence knowing that no application they need is going to outpace the ability of Point's network to perform. The combination of ADECA's and Point's investment is not only an investment in service now, but a guaranteed investment in the future for these customers.*

Attachment D:  
Letters of Support



*The New Diamond of the Interstate 85 Corridor*

**Re: ADECA Broadband Grant Application**

**Dear ADECA:**

**A top priority and key component of our 10-year strategic plan is the deployment of world-class broadband infrastructure throughout Macon County, but more specifically to key points of development.**

**At present, MCEDA has active projects at all five of our interstate exits along I-85. We have two major industrial project opportunities on Highway 81 on our CSX Select Site and at County Road 53 and Highway 186 at Exit 42. These exits and site must have new fiber!**

**The Point Broadband application addresses these needs specifically and provides a key anchor investment to launch a solution. Our approach to deploying broadband in Macon has been deliberate and involved top consultancy and deliberation.**

**We feel that Point's proximity to our communities', its RDOF success and willingness to bring private capital along with grants makes perfect sense and should be done in collaboration.**

**The proposal presented in the grant will hit most major economic development priorities at hand while touching all four municipalities and industrial/retail sites. It also touches rural fire departments, schools and agricultural operations.**

**The injection of \$1 million or more in this grant could compliment private and local entities to match and expand the anchor of the public funds.**

**This grant is vital to creating new jobs, investment and community development throughout Macon County. I cannot think of any other project in our state that could leverage more from an allocation than this grant submitted by Point today.**

**Thanks for your every consideration.**

**Best regards,**

*Joe Turnham*

**Joe Turnham**

**Director**

Mayor Tommy Miller



## TOWN OF NOTASULGA

P.O. Box 207

Notasulga, AL 36866

(334) 257-1454 • Fax: (334) 257-4645

### Council Members

*District 1*

Cecil R. Langford, Jr.

*District 2*

Denise Pilato

*District 3*

Cline Carmack

*District 4*

Scott Barnhart

*District 5*

Robin Collins

Re: ADECA Broadband Grant Application

To Whom It May:

Both the Town of Notasulga and its Industrial Development Board have identified the lack of broadband throughout the community as a top deterrent to our future growth. We are seeking partners, both public and private to assist in remedying this situation.

We have noted that this grant builds a pathway that can assist Notasulga at our CSX Site and down Highway 81 into the town limits.

Full broadband deployment throughout Notasulga town limits and police jurisdiction is needed for safety and to retain and recruit new residents.

Notasulga has taken a lead with the Macon County Economic Development Authority to research and find ways to solve the broadband problem and believe this Point Broadband grant request is a positive step in the right direction.

Please give every consideration to their request.

Sincerely,

Tommy Miller

Mayor

Dr. Tina Vazin

Chairman Notasulga IDB & Board Member MCEDA

# TOWN OF SHORTER

**SHORTER, ALABAMA: "A TOWN ON THE MOVE!"**

2521 OLD FEDERAL ROAD  
P.O. BOX 117  
SHORTER, ALABAMA 36075

## **WILLIE MAE POWELL, MAYOR**

PHONE 334-727-9190  
FAX 334-727-9298  
WEBSITE: [WWW.SHORTERALABAMA.COM](http://WWW.SHORTERALABAMA.COM)  
EMAIL: [TOWNSHO84@AOL.COM](mailto:TOWNSHO84@AOL.COM)

### **COUNCILMEMBERS**

DESIEV HOWARD  
BETTY JETER  
DERRICK McCLOUD  
RHONDA McCLOUD  
EDWARD POLLARD

### **DEPARTMENT HEADS**

GEORGE L. DAVIS, TOWN CLERK  
ALAN INGRAM, DEV/ASS. TREASURER  
LASUNDRA BATTLE, COURT CLERK  
ADRIENNE LUCAS, DIR. OF COMM  
DENNIS POWEL, DEV/HISTORIAN

SANDOR MALOY, POLICE CHIEF  
JIMMY ELLIS, FIRE CHIEF  
LAURA DERVIN, OFFICE MANAGER  
ROBERT THOMPSON, ATTORNEY

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February 3, 2021

Re: ADECA Broadband Grant Application

To Whom It May Concern:

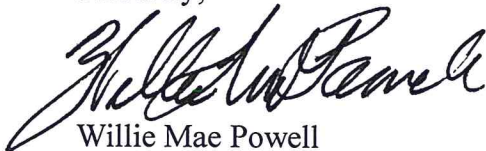
The Town of Shorter has been successful in economic development in the past decade by emphasizing the building of infrastructure. Today, we see our next decade of growth as partially dependent on building broadband capacity into the outlying areas off our main street.

We support this grant request that services Old Federal Road, Steelwood Subdivision, our first responders, and especially world-class connectivity at the Old Shorter School and DC Wolfe Elementary School.

This grant will allow Point to bring major fiber from Tuskegee down Highway 80 into both our police jurisdiction and town limits.

Shorter has invested much time and resource in building the framework for long range success through public-private partnerships. We feel this effort is another representation of that spirit and urge your every consideration of this grant request.

Sincerely,



Willie Mae Powell  
Mayor

---



THE STATE OF ALABAMA

## **Macon County Commission**

101 E Rosa Parks Avenue, Suite 106, Tuskegee, Alabama 36083  
(334) 724-2555 • Fax: (334) 724-2543



**Governing Body of Macon County**  
**Louis Maxwell, Chairman**  
**Commissioner Miles D. Robinson**  
**District 1**  
**Commissioner Edward Huffman**  
**District 2**  
**Commissioner Ernest Magruder Jr.**  
**District 3**  
**Commissioner Robert M. Berry**  
**District 4**

February 5, 2021

To Whom It May Concern:

Macon County Commission supports the ADECA Application for a Broadband Grant to help o build broadband capacity to critical parts of Macon County.

We understand the grant funds will help build fiber to Wire Road areas, Franklin, Shorter and towards Notasulga. Moreover, we see that a major link between Tuskegee and Franklin along Highway 80 would be built.

These links will bring fiber closer to many county roads and hundreds of rural citizens. It will also assist our Macon County Economic Development Authority in recruiting new business and industry to these areas.

Know of our support for this effort and please give every consideration to granting these funds for Macon County. It more information is needed or desired, please contact me at (334) 339-1832 or Email:

[loumaxlou@yahoo.com](mailto:loumaxlou@yahoo.com). Thanks!

Sincerely,

A handwritten signature in black ink, appearing to be "Louis Maxwell", written over a long horizontal line.

Louis Maxwell, Chairman





2858 County Road 53  
Tuskegee, AL 36083

(334) 724-9800 Telephone

(334) 724-9300 Fax

February 5, 2021

Regarding: Macon County Broadband Grant Application

To Whom It May Concern:

Beck's Turf Farms operates commercial farming operations on multiple sites across Macon County. Our operation is becoming more and more mechanized and dependent on high value connectivity at each of our sites.

We are aware and supportive of both MCEDA and Point Broadband in making this grant application for additional fiber deployment across our county.

We appreciate Gov. Ivey and ADECA making rural broadband a priority in Alabama and hope your team will give every consideration to this request.

Beck's is a close partner with MCEDA and we have made available properties, such as Beck's Farm 5 on Highway 81, that has been designated a CSX Select Site. This 277 acre site is being marketed at very high levels and has great potential for new jobs and needed investment in Macon County. The site badly needs upgraded fiber to compete for the best projects, and I understand the proposal submitted includes this site for new fiber.

Also, as a local leader in ALFA and with other farmer groups, I know other agricultural operations in our county rely heavily upon and need higher speeds, higher value broadband to be efficient and productive. We know Point will be a valued partner for the county and helpful in economic development.

Please take these factors into consideration as you review and score these applications.

Sincerely,

Jimmy Bassett