

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")

Applicant FCC Registration Number (FRN) 0025646373

Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs

Mailing Address 3347 Platt Springs Road Phone Number 803-518-5398

City, State, Zip W. Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Darlington Rural or Urban

Nearest City/Town Hartsville Project Area Map Code Darlington 6

41 Number of Households in Project Area (Target code)

0 Number of Businesses in Project Area

0 Number of Health Care Facilities in Project Area

0 Number of Community Anchor Points in Project Area

0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds Speeds up to 940/35 for residential service (non-symmetrical upload/download speeds)
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL Minimum Sustainable Download/Upload Speeds (25/3 Mbps or faster)

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date	9/1/201	Customer Premises Installations Complete	12/17/20
Project Construction Activity Begins	9/15/20	Project Completion Date	12/17/20
Project Construction Activity Complete	12/17/20		

Project Cost Information

Total Project Cost	\$63,588.00	Average Cost per Housing Unit	\$1,551.00
Upfront Cost Requirements	0		
Cost of Building and/or Extending Infrastructure to Customer Premises	0	Average Cost per Business	0
Average Cost per Location Served (all locations or structures)	\$1,551.00		

Project Funding Information

South Carolina CARES Act Funding Requested	\$31,794.00
Applicant-Provided Funding	\$31,794.00
Third-Party Funding	Amount None
	Source(s) N/A

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

Darlington County is considered rural based on the "List of Rural Counties and Designated Eligible Census Tracts in Metropolitan Counties" (the list can be found at <https://www.hrsa.gov/sites/default/files/hrsa/ruralhealth/resources/forhpeligibleareas.pdf>).

Spectrum's Darlington County application is derived from requests by unserved customers in this area.

In addition, Spectrum's Darlington County application includes one Area of Need project area (Darlington 6). Overall, this project would extend Spectrum's world class internet network to an additional 33 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income internet assistance.

- Free internet modem
- High-speed internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

There are 4 projects in Darlington County. All 4 will require D.O.T. encroachments and 2 will require pole permits.

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
Applicant FCC Registration Number (FRN) 0025646373
Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs
Mailing Address 3347 Platt Springs Rd Phone Number 803-518-5398
City, State, Zip West Columbia, South Carolina 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Florence Rural or Urban Urban
Nearest City/Town Florence Project Area Map Code No coded box
7 Number of Households in Project Area (Target code)
0 Number of Businesses in Project Area
0 Number of Health Care Facilities in Project Area
0 Number of Community Anchor Points in Project Area
0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (non-symmetrical upload/download speeds) Speeds up to 940/35 for residential service
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL (25/3 Mbps or faster) Minimum Sustainable Download/Upload Speeds

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date	9/1/20	Customer Premises Installations Complete	12/17/20
Project Construction Activity Begins	9/1/20	Project Completion Date	12/17/20
Project Construction Activity Complete	12/17/20		

Project Cost Information

Total Project Cost	\$11,142.00	Average Cost per Housing Unit	\$1,592.00
Upfront Cost Requirements	0		
Cost of Building and/or Extending Infrastructure to Customer Premises	0	Average Cost per Business	0
Average Cost per Location Served <i>(all locations or structures)</i>	\$1,592.00		

Project Funding Information

South Carolina CARES Act Funding Requested	\$5,571.00
Applicant-Provided Funding	\$5,571.00
Third-Party Funding	Amount None
	Source(s) N/A

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

Spectrum's Florence County application is based on a serviceability request for this area. Overall, this project would extend Spectrum's world class internet network to an additional 15 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income internet assistance.

- Free internet modem
- High-speed internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

Project in Florence County will require a D.O.T. encroachment permit.

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
 Applicant FCC Registration Number (FRN) **0025646373**
 Primary Contact Name **Ben Breazeale** Title **Sr. Director, Government Affairs**
 Mailing Address **3347 Platt Springs Rd** Phone Number **803-518-5398**
 City, State, Zip **West Columbia, SC 29170** Email **ben.breazeale@charter.com**

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission **December 01, 2014**

Date of Applicant's Most Recent FCC Form 477 Submission **April 29, 2020**

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County **Anderson** Rural or Urban **Rural**
 Nearest City/Town **Anderson** Project Area Map Code **Oconee 7**
145 Number of Households in Project Area *(Target code)*
0 Number of Businesses in Project Area
0 Number of Health Care Facilities in Project Area
0 Number of Community Anchor Points in Project Area
0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises* Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax (symmetrical upload/download speeds)* Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax (non-symmetrical upload/download speeds)* Minimum Sustainable Download/Upload Speeds Speeds up to 940/35 Mbps for residential service
- Fixed wireless* Minimum Sustainable Download/Upload Speeds
- VDSL (25/3 Mbps or faster)* Minimum Sustainable Download/Upload Speeds

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date	9/1/20	Customer Premises Installations Complete	12/17/20
Project Construction Activity Begins	9/15/20	Project Completion Date	12/17/20
Project Construction Activity Complete	12/17/20		

Project Cost Information

Total Project Cost	\$318,680.00	Average Cost per Housing Unit	\$2,400.00
Upfront Cost Requirements	0		
Cost of Building and/or Extending Infrastructure to Customer Premises	0	Average Cost per Business	0
Average Cost per Location Served (all locations or structures)	\$2,400.00		

Project Funding Information

South Carolina CARES Act Funding Requested \$159,340.00

Applicant-Provided Funding \$159,340.00

Third-Party Funding Amount None

Source(s) N/A

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

Given Charter's ability to quickly enable broadband service to enable distance learning, telehealth, and telecommuting in the application areas, Charter's proposal meets every aspect of the CARES Act Funding objectives as outlined in the South Carolina Broadband Infrastructure Program Application Guidelines.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

Spectrum's Anderson County application includes two Area of Need projects (Oconee 7 and Spartansburg 6). Overall, this project would extend Spectrum's world class internet network to an additional 145 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income internet assistance.

- Free internet modem
- High-speed internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

The projects included in this application will require permits with the following entities:

- Anderson County
- Duke Energy
- South Carolina Department of Transportation

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
Applicant FCC Registration Number (FRN) 0025646373
Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs
Mailing Address 3347 Platt Springs Rd Phone Number 803-518-5398
City, State, Zip West Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Kershaw Rural or Urban
Nearest City/Town Elgin Project Area Map Code Sumter 2

4	Number of Households in Project Area	(Target code)
0	Number of Businesses in Project Area	
0	Number of Health Care Facilities in Project Area	
0	Number of Community Anchor Points in Project Area	
0	Number of Educational Institutions in Project Area	

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds Speeds up to 940/35 for residential service (non-symmetrical upload/download speeds)
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL Minimum Sustainable Download/Upload Speeds (25/3 Mbps or faster)

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date	9/1/20	Customer Premises Installations Complete	12/17/20
Project Construction Activity Begins	9/15/20	Project Completion Date	12/17/20
Project Construction Activity Complete	12/17/20		

Project Cost Information

Total Project Cost	\$10,886.00	Average Cost per Housing Unit	\$2,722.00
Upfront Cost Requirements	0		
Cost of Building and/or Extending Infrastructure to Customer Premises	0	Average Cost per Business	0
Average Cost per Location Served <i>(all locations or structures)</i>	\$2,722.00		

Project Funding Information

South Carolina CARES Act Funding Requested **\$5,443.00**

Applicant-Provided Funding **\$5,443.00**

Third-Party Funding Amount **None**

Source(s) **N/A**

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

Spectrum's Kershaw County application includes one Area of Need project area(Sumter 2). Overall, this project would extend Spectrum's world class internet network to an additional 4 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income Internet assistance.

- Free Internet modem
- High-speed Internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable Internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband Internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited Internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrums's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

Project in Kershaw County will require a pole attachment permit and a D.O.T. encroachment permit.

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
Applicant FCC Registration Number (FRN) 0025646373
Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs
Mailing Address 3347 Platt Springs Rd Phone Number 803-518-5398
City, State, Zip West Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Greenville Rural or Urban Rural
Nearest City/Town Greenville Project Area Map Code Not in coded box
35 Number of Households in Project Area (Target code)
0 Number of Businesses in Project Area
0 Number of Health Care Facilities in Project Area
0 Number of Community Anchor Points in Project Area
0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (non-symmetrical upload/download speeds) Speeds up to 940/35 Mbps for residential service
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL (25/3 Mbps or faster) Minimum Sustainable Download/Upload Speeds

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date 9/1/20	Customer Premises Installations Complete 12/17/20
Project Construction Activity Begins 9/15/20	Project Completion Date 12/17/20
Project Construction Activity Complete 9/15/20	

Project Cost Information

Total Project Cost \$25,622.00	Average Cost per Housing Unit \$732.00
Upfront Cost Requirements 0	
Cost of Building and/or Extending Infrastructure to Customer Premises 0	Average Cost per Business 0
Average Cost per Location Served \$732.00 <i>(all locations or structures)</i>	

Project Funding Information

South Carolina CARES Act Funding Requested **\$12,811.00**

Applicant-Provided Funding **\$12,811.00**

Third-Party Funding Amount **None**

Source(s) **N/A**

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

Spectrum's Greenville County application is based on serviceability requests and would extend Spectrum's world class internet network to an additional 3 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income Internet assistance.

- Free Internet modem
- High-speed Internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable Internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband Internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited Internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

The project listed in this application requires a permit with Greenville County.

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
Applicant FCC Registration Number (FRN) 0025646373
Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs
Mailing Address 3347 Platt Springs Rd Phone Number 803-518-5398
City, State, Zip West Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Laurens Rural or Urban Urban
Nearest City/Town Laurens Project Area Map Code Not in a coded box
9 Number of Households in Project Area (Target code)
0 Number of Businesses in Project Area
0 Number of Health Care Facilities in Project Area
0 Number of Community Anchor Points in Project Area
0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (non-symmetrical upload/download speeds) Speeds up to 940/35 Mbps for residential service
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL (25/3 Mbps or faster) Minimum Sustainable Download/Upload Speeds

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|--|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month ⁽¹⁾ ⁽²⁾ |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month ⁽²⁾ |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month ⁽¹⁾ ⁽²⁾ | |

Project Timeline and Milestones

Project Start Date	09/01/20	Customer Premises Installations Complete	12/17/20
Project Construction Activity Begins	09/15/20	Project Completion Date	12/17/20
Project Construction Activity Complete	12/17/20		

Project Cost Information

Total Project Cost	\$14,840.00	Average Cost per Housing Unit	\$1,650.00
Upfront Cost Requirements	0		
Cost of Building and/or Extending Infrastructure to Customer Premises	0	Average Cost per Business	0
Average Cost per Location Served <i>(all locations or structures)</i>	\$1,650.00		

Project Funding Information

South Carolina CARES Act Funding Requested \$7,420.00

Applicant-Provided Funding \$7,420.00

Third-Party Funding Amount None

Source(s) N/A

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

This project is based on serviceability requests from customers to Spectrum and would extend Spectrum's world class internet network to an additional 9 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income internet assistance.

- Free internet modem
- High-speed internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

None

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. *Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.*

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
Applicant FCC Registration Number (FRN) 0025646373
Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs
Mailing Address 3347 Platt Springs Road Phone Number 803-518-5398
City, State, Zip West Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Lexington Rural or Urban Urban
Nearest City/Town Lexington Project Area Map Code No coded box
5 Number of Households in Project Area (Target code)
0 Number of Businesses in Project Area
0 Number of Health Care Facilities in Project Area
0 Number of Community Anchor Points in Project Area
0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds
(symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds Speeds up to 940/35 for residential service
(non-symmetrical upload/download speeds)
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL Minimum Sustainable Download/Upload Speeds
(25/3 Mbps or faster)

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date 9/1/20	Customer Premises Installations Complete 12/17/20
Project Construction Activity Begins 9/15/20	Project Completion Date 12/17/20
Project Construction Activity Complete 12/17/20	

Project Cost Information

Total Project Cost \$34,118.00	Average Cost per Housing Unit \$6,824.00
Upfront Cost Requirements 0	
Cost of Building and/or Extending Infrastructure to Customer Premises 0	Average Cost per Business 0
Average Cost per Location Served \$6,824.00 <i>(all locations or structures)</i>	

Project Funding Information

South Carolina CARES Act Funding Requested **\$3,412.00**

Applicant-Provided Funding **\$3,412.00**

Third-Party Funding Amount **None**

Source(s) **N/A**

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

Spectrum's Lexington County application would extend Spectrum's world class internet network to an additional 5 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income Internet assistance.

- Free Internet modem
- High-speed Internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited Internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

Project in Lexington County will require a D.O.T encroachment permit.

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.

- Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. *Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.*

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
Applicant FCC Registration Number (FRN) 0025646373
Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs
Mailing Address 3347 Platt Springs Road Phone Number 803-518-5398
City, State, Zip W. Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Oconee Rural or Urban
Nearest City/Town Seneca Project Area Map Code Oconee 12
54 Number of Households in Project Area (Target code)
0 Number of Businesses in Project Area
0 Number of Health Care Facilities in Project Area
0 Number of Community Anchor Points in Project Area
0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds
(symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds Speeds up to 940/35 for residential service
(non-symmetrical upload/download speeds)
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL Minimum Sustainable Download/Upload Speeds
(25/3 Mbps or faster)

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|--|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month ⁽¹⁾ ⁽²⁾ |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month ⁽²⁾ |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month ⁽¹⁾ ⁽²⁾ | |

Project Timeline and Milestones

Project Start Date	9/1/20	Customer Premises Installations Complete	12/17/20
Project Construction Activity Begins	9/15/20	Project Completion Date	12/17/20
Project Construction Activity Complete	12/17/20		

Project Cost Information

Total Project Cost	\$424,341.00	Average Cost per Housing Unit	\$2,735.00
Upfront Cost Requirements	0		
Cost of Building and/or Extending Infrastructure to Customer Premises	0	Average Cost per Business	0
Average Cost per Location Served <i>(all locations or structures)</i>	\$2,735.00		

Project Funding Information

South Carolina CARES Act Funding Requested \$212,170.50

Applicant-Provided Funding \$212,170.50

Third-Party Funding Amount None

Source(s) N/A

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.
(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

Spectrum's Oconee County application includes one Area of Need project (Oconee 12). Overall, this project would extend Spectrum's world class internet network to an additional 148 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income internet assistance.

- Free internet modem
- High-speed internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

This projects requires permits with the following entities:

- Oconee County
- Duke Energy
- South Carolina Department of Transportation
- Broad River Electric

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
Applicant FCC Registration Number (FRN) 0025646373
Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs
Mailing Address 3347 Platt Springs Rd Phone Number 803-518-5398
City, State, Zip West Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Spartanburg Rural or Urban
Nearest City/Town Duncan Project Area Map Code Spartanburg 5
155 Number of Households in Project Area (Target code)
0 Number of Businesses in Project Area
0 Number of Health Care Facilities in Project Area
0 Number of Community Anchor Points in Project Area
0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (non-symmetrical upload/download speeds) Speeds up to 940/35 Mbps for residential service
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL (25/3 Mbps or faster) Minimum Sustainable Download/Upload Speeds

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date	9/1/20	Customer Premises Installations Complete	12/17/20
Project Construction Activity Begins	9/15/20	Project Completion Date	12/17/20
Project Construction Activity Complete	12/17/20		

Project Cost Information

Total Project Cost	\$324,210.00	Average Cost per Housing Unit	\$2,936.00
Upfront Cost Requirements	0		
Cost of Building and/or Extending Infrastructure to Customer Premises	0	Average Cost per Business	0
Average Cost per Location Served (all locations or structures)	\$2,936.00		

Project Funding Information

South Carolina CARES Act Funding Requested	\$162,105.00
Applicant-Provided Funding	\$162,105.00
Third-Party Funding	Amount None
	Source(s) N/A

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

Spectrum's Spartansburg County application includes two Area of Need projects (Spartansburg 5 and Oconee 12). Overall, this project would extend Spectrum's world class internet network to an additional 147 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income Internet assistance.

- Free internet modem
- High-speed internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

Permits are required with the following entities:

- The South Carolina Department of Transportation
- Spartanburg Count Government
- Duke Energy

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")
Applicant FCC Registration Number (FRN) 0025646373
Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs
Mailing Address 3347 Platt Springs Road Phone Number 803-518-5398
City, State, Zip W. Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Williamsburg Rural or Urban Rural
Nearest City/Town Kingstree Project Area Map Code Dillon 5
7 Number of Households in Project Area (Target code)
Number of Businesses in Project Area
Number of Health Care Facilities in Project Area
Number of Community Anchor Points in Project Area
Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds Speeds up to 940/35 for residential service (non-symmetrical upload/download speeds)
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL Minimum Sustainable Download/Upload Speeds (25/3 Mbps or faster)

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date 9/1/20	Customer Premises Installations Complete 12/17/20
Project Construction Activity Begins 9/15/20	Project Completion Date 12/17/20
Project Construction Activity Complete 12/17/20	

Project Cost Information

Total Project Cost \$10,914.00	Average Cost per Housing Unit \$1,558.00
Upfront Cost Requirements 0	
Cost of Building and/or Extending Infrastructure to Customer Premises 0	Average Cost per Business 0
Average Cost per Location Served \$1,558.00 <i>(all locations or structures)</i>	

Project Funding Information

South Carolina CARES Act Funding Requested **\$5,452.00**

Applicant-Provided Funding **\$5,452.00**

Third-Party Funding Amount **None**

Source(s) **N/A**

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.
(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

This area of Williamsburg County is considered rural based on the "List of Rural Counties and Designated Eligible Census Tracts in Metropolitan Counties" (the list can be found at <https://www.hrsa.gov/sites/default/files/hrsa/ruralhealth/resources/forhpeligibleareas.pdf>). Spectrum's application is derived from requests by unserved customers in this area.

In addition, Spectrum's Williamsburg County application includes one Area of Need project area (Dillon 5). Overall, this project would extend Spectrum's world class internet network to an additional 7 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income Internet assistance.

- Free Internet modem
- High-speed Internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable Internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband Internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited Internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrums's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

The project in Williamsburg County will require a D.O.T. encroachment permit.

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. *Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.*

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.

APPLICATION

South Carolina Broadband Infrastructure Project



Applicant Information

Applicant Name/Organization Spectrum Southeast, LLC managed by Charter Communications, Inc. ("Spectrum")

Applicant FCC Registration Number (FRN) 0025646373

Primary Contact Name Ben Breazeale Title Sr. Director, Government Affairs

Mailing Address 3347 Platt Springs Road Phone Number 803-518-5398

City, State, Zip W. Columbia, SC 29170 Email ben.breazeale@charter.com

Broadband Service Provider Experience

Date of Applicant's Initial FCC Form 477 Submission December 01, 2014

Date of Applicant's Most Recent FCC Form 477 Submission April 29, 2020

- Applicant and/or project Partner has experience delivering broadband service over fiber or hybrid fiber-coax infrastructure
- Applicant and/or project Partner has experience building and operating broadband networks in rural areas
- Applicant and/or project Partner has experience building and operating broadband networks in low-moderate income areas

Project Area Information

County Chesterfield Rural or Urban Rural

Nearest City/Town Cheraw Project Area Map Code Dillon 4

4 Number of Households in Project Area (Target code)

0 Number of Businesses in Project Area

0 Number of Health Care Facilities in Project Area

0 Number of Community Anchor Points in Project Area

0 Number of Educational Institutions in Project Area

Broadband Infrastructure Information

Indicate the type(s) of broadband infrastructure technology to be deployed in the project area.

- Fiber to the Premises Minimum Sustainable Download/Upload Speeds
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds (symmetrical upload/download speeds)
- Hybrid fiber-coax Minimum Sustainable Download/Upload Speeds Speeds up to 940/35 for residential service (non-symmetrical upload/download speeds)
- Fixed wireless Minimum Sustainable Download/Upload Speeds
- VDSL Minimum Sustainable Download/Upload Speeds (25/3 Mbps or faster)

Broadband Pricing Schedules or Tiers

Indicate all rate tiers for broadband at speeds of 25/3 Mbps or faster will be offered to customers in the project area:

- | | |
|---|--|
| <input type="checkbox"/> Rates less than \$10/month | <input checked="" type="checkbox"/> Rates between \$20 - \$24.99/month(1)(2) |
| <input type="checkbox"/> Rates between \$10 - \$14.99/month | <input checked="" type="checkbox"/> Rates between \$25 - \$34.99/month(2) |
| <input checked="" type="checkbox"/> Rates between \$15 - \$19.99/month (1)(2) | |

Project Timeline and Milestones

Project Start Date 9/1/20	Customer Premises Installations Complete 12/17/20
Project Construction Activity Begins 9/15/20	Project Completion Date 12/17/20
Project Construction Activity Complete 12/17/20	

Project Cost Information

Total Project Cost \$9,323.00	Average Cost per Housing Unit \$2,331.00
Upfront Cost Requirements 0	
Cost of Building and/or Extending Infrastructure to Customer Premises 0	Average Cost per Business 0
Average Cost per Location Served \$2,331.00 <i>(all locations or structures)</i>	

Project Funding Information

South Carolina CARES Act Funding Requested **\$4,661.50**

Applicant-Provided Funding **\$4,661.50**

Third-Party Funding Amount **None**

Source(s) **N/A**

(1) Spectrum offers a variety of broadband speed offerings up to 940/35 Mbps at different price points not reflected in the limited pricing ranges listed in the Application. See Spectrum Rate Card attached as Exhibit 1 for a description of Spectrum's current offerings. All pricing, data usage, service offerings and speeds are subject to change. As part of such service offerings, Spectrum also offers the Spectrum Internet Assist program that provides discounted broadband service to qualified households.

(2) All pricing, data usage, service offerings and speeds described herein are subject to change. See Spectrum Rate Card attached as Exhibit 1.

Additional Information

Describe Applicant's and/or project Partner's experience building and/or operating broadband networks.

Charter Communications is a connectivity company providing broadband, video, mobile, and voice services to over 30 million customers in 41 states under the brand name Spectrum. Our 95,000 employees work everyday to deliver on our core business objective of providing superior products with great customer service.

We're driving innovation and expanding access to broadband to ensure our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Charter is continually investing in our network, our employees, and the communities we serve. Our key priorities include:

- Building a highly skilled, locally based and diverse workforce
- Investing in America's infrastructure
- Strengthening the communities we serve
- Driving innovation
- Providing superior products and services at a better value

Since 2015, we've invested nearly \$40 billion in our infrastructure and technology. These investments have enabled us to expand the reach of our fiber-rich network and allow us to deliver fast and reliable broadband to customers in urban, suburban, and rural communities across America.

Charter's Spectrum branded internet service delivers some of the fastest starting speeds in the industry, 200 Mbps to 60% of the homes and businesses we serve and 100 Mbps nearly everywhere else.

Spectrum delivers gig-speed broadband connections to customer homes and businesses across virtually our entire national footprint (940 Mbps maximum download). Bringing Spectrum Internet Gig to our customers enables them to connect their homes to the Internet of Things (IoT), stream video and enjoy enhanced gaming and other entertainment simultaneously on multiple devices. Recognizing the importance of fast, reliable service for community institutions, we offer 10 Gbps symmetrical speed to schools, libraries, hospitals, and other important community institutions through Spectrum Enterprise.

For eligible seniors and low-income families, Spectrum Internet Assist offers industry leading, low-cost, high speed broadband (30/4).

Charter extended its network over two years (1/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 30% in rural areas (according to the FCC's definition of "rural area"). This increase includes 35,000 additional homes and businesses across South Carolina.

Charter's Network includes more than 230,000 route miles of fiber and we are the #3rd largest provider of fiber-lit buildings in the U.S.

Describe how your proposal meets CARES objectives as described in the "Guidelines." Use additional pages if necessary.

As South Carolinians work collaboratively to contain this pandemic, broadband internet access is increasingly essential to ensuring that people are able to work from home, attend virtual school, and access essential services like healthcare via telemedicine. The funds awarded as a result of this grant application will directly apply to costs associated with connecting South Carolina citizens, that are currently unserved by any wired broadband network. Many of these South Carolinians are more acutely in need of Internet access as a result of the pandemic.

It is also important to note the importance of timing. The program specifies that the projects must be completed to December 18, 2020. While Spectrum considered a number of opportunities to help connected unserved South Carolinians, the requests included in Spectrum's applications are limited to those requests where we have the greatest opportunity for completion within the specified completion time frame.

Spectrum is always looking to expand its advanced fiber-optic network to reach new customers and has continued to build out its network and provide broadband internet access to unserved and underserved areas. This grant will assist our goals to expand to unserved areas in South Carolina where we might not have served or not have deployed service to until a later date.

Describe how your proposal meets the needs of the community to be served as described in the "Guidelines." Use additional pages if necessary.

Spectrum's proposal meets the needs of the community to be served by connecting unserved residential households in South Carolina to internet service enabling distance learning, telehealth and work from home opportunities.

This area of Chesterfield County is considered rural based on the "List of Rural Counties and Designated Eligible Census Tracts in Metropolitan Counties" (the list can be found at <https://www.hrsa.gov/sites/default/files/hrsa/ruralhealth/resources/forhpeligibleareas.pdf>). Spectrum's application is derived from requests by unserved customers in this area.

In addition, Spectrum's Chesterfield County application includes one Area of Need project area (Dillon 4). Overall, this project would extend Spectrum's world class internet network to an additional 4 South Carolinians that do not currently have access to broadband service.

Describe any plans or programs you have developed to improve adoption in the community described in this proposal. Use additional pages if necessary.

Charter's Spectrum Internet Assist (SIA) is available to eligible households across the 41 states we serve. This low-cost broadband option for eligible families and seniors and offers speeds of 30 Mbps, which exceeds the FCC's definition of high-speed broadband. Helping bridge the digital divide for families through Spectrum Internet Assist is creating life-changing opportunities, allowing them to apply for jobs, complete homework or start their own businesses.

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides new, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income internet assistance.

- Free internet modem
- High-speed internet at 30 Mbps
- No data caps
- No contracts
- Optional in-home WiFi service for an additional monthly fee

Requirements: One or more members of your household must be a recipient of one of the following assistance programs:

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (for applicants age 65+ only)

Over the past several months, the country has faced unprecedented challenges and uncertainty when it comes to dealing with even the most common, everyday situations. As the summer months come to an end and fall ushers in another school year, lawmakers, administrators and educators are grappling with decisions about how and where students will resume schooling. One of the biggest factors in deciding which approach is best—whether it is in-person schooling, online learning, or a hybrid approach—is whether students have the reliable internet connectivity in their homes necessary to attend online classes and complete schoolwork.

To help address the lack of internet connectivity faced by some student households, Spectrum Enterprise has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, the Spectrum Enterprise team will work directly with school districts across our footprint to assist them in offering high-speed, cable broadband internet access to students, educators and staff in their homes. This partnership will ensure that learning, teaching, and working are uninterrupted by giving schools and districts the flexibility to add students to the program when needed, and provide much needed in-home connectivity, which includes:

- Internet download speeds up to 50 Mbps
- Unlimited internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireline connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help to ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 200 Mbps broadband service for 60 days at no cost, keeping around 700,000 customers connected when they had a hard time paying bills because of COVID-related economic hardship, and forgiving approximately \$85 million in customers' overdue balances. Spectrum gave its front-line workers a raise during the pandemic and is in the process of permanently raising its minimum wage from \$15 to \$20 per hour. Our COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Spectrum's Stay Connected K-12 program is another way we are doing our part to respond to the pandemic and support the communities we serve.

Provide documents to establish proof that your organization has the necessary funds (50% of total project cost) to complete this project/proposal. List documents here and attach documents to this proposal.

Spectrum's capital investment in the state of South Carolina was \$194 million from January 1, 2019 through December 31, 2019. Spectrum plans to self fund the remaining 50% of the total project costs and we believe that our prior year investments are a strong indication of financial ability and commitment to the state of South Carolina.

Over the last five years, Spectrum has invested nearly \$40 billion in infrastructure and technology, helping to drive innovation and expand access to broadband – ensuring our customers receive the information and entertainment they want and need to succeed in today's hyper-connected world.

Please see Charter Communication's 2019 Annual Report attached as Exhibit 2.

List any lease, franchise agreement, interconnection agreement, authorization, permit, or other items needed to complete this project.

Chesterfield County will require a D.O.T encroachment permit.

Attachments and Exhibits

Please attach the following items to Application:

1. Map of Project Area (PDF and Shapefile formats) See Exhibit 3
2. Letters of support evidencing community need for project
3. Any additional information evidencing community need for project

Certification and Signature

CERTIFICATION: The Applicant certifies that information included in this application is factual to their knowledge.



Applicant agrees to comply with all applicable requirements and conditions contained in Subrecipient Agreement for Coronavirus Relief Funds

Signature:



Print Name of Signature: Anthony Sieiro

Title of Signatory: Area Vice President, Field Operations

Date: 8/14/20

Renewal Terms. Contingent upon extensions for the expenditure of CARES Act funds provided by the U.S. Department of Treasury and the State of South Carolina, this Agreement may be renewed as evidenced by written approval of both parties.

All questions and completed applications should be submitted to Broadband@ors.sc.gov

Facsimile signatures and email signatures shall be as effective as original signatures to bind any party.



County Rd S 45-455

Ballis

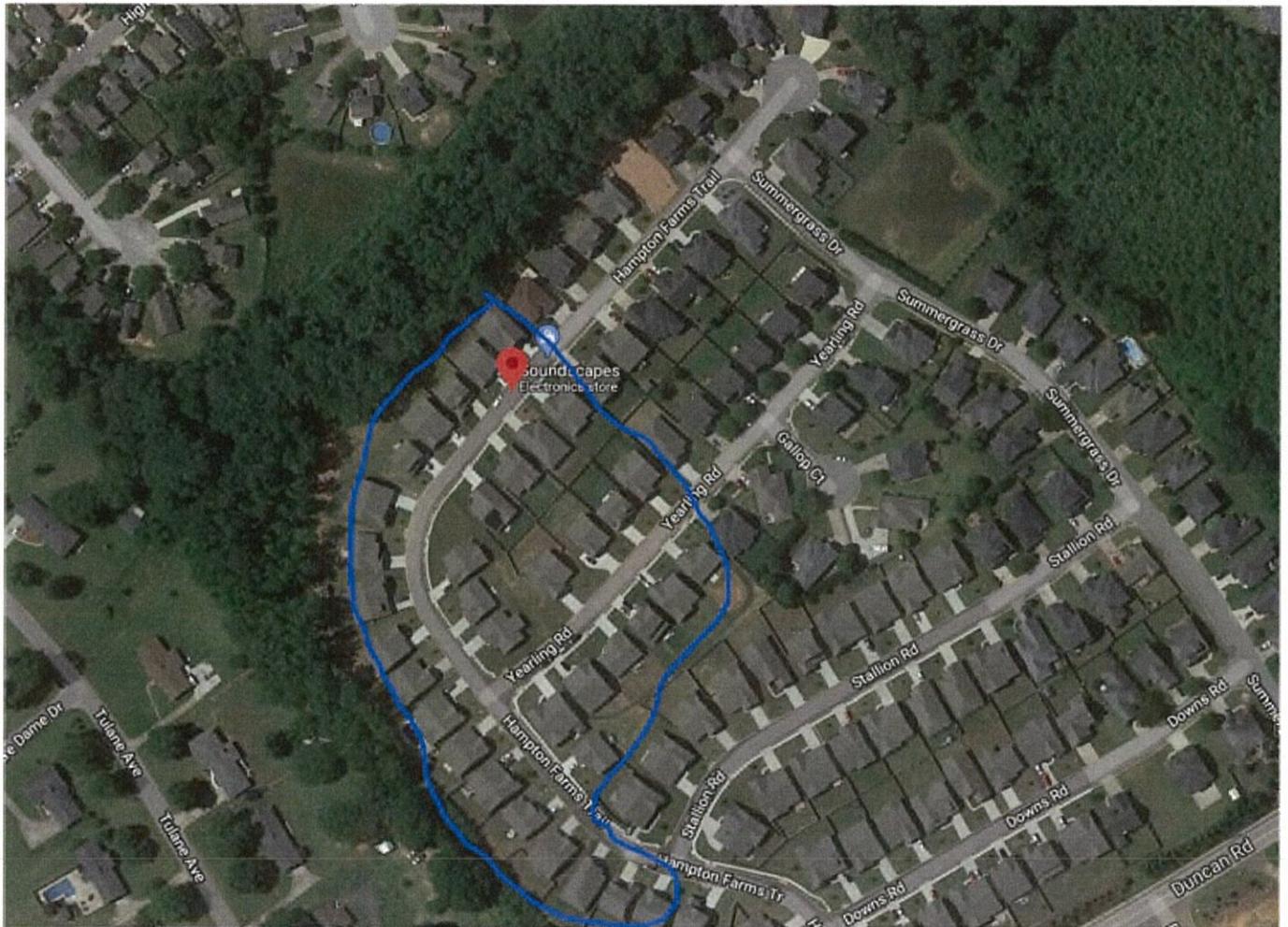
KINDALE PARK RD

Champlin Dr

Winchester Rd

Greenville County

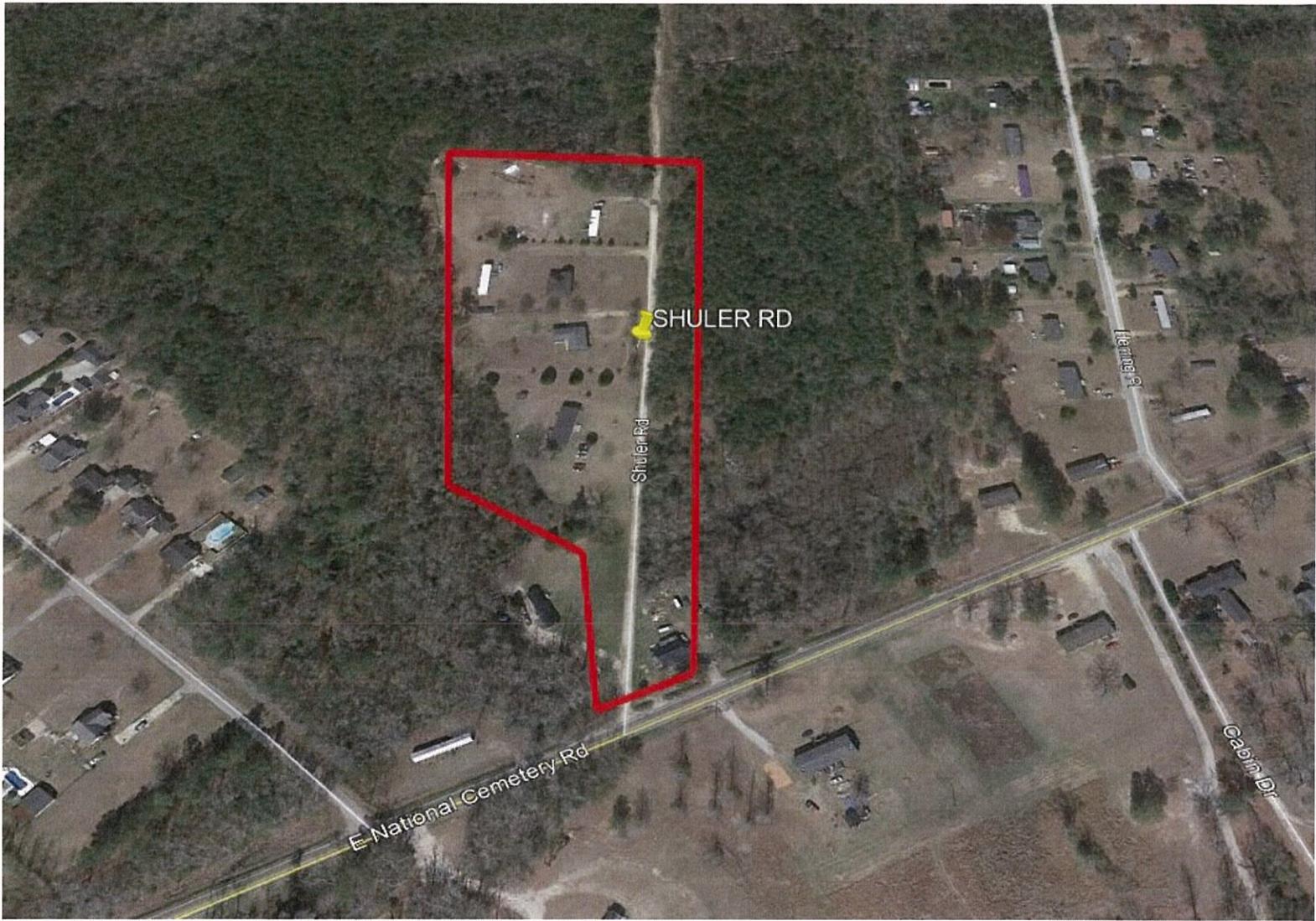
Hampton Farms



Laurens

Beattie Place





SHULER RD

Shuler Rd

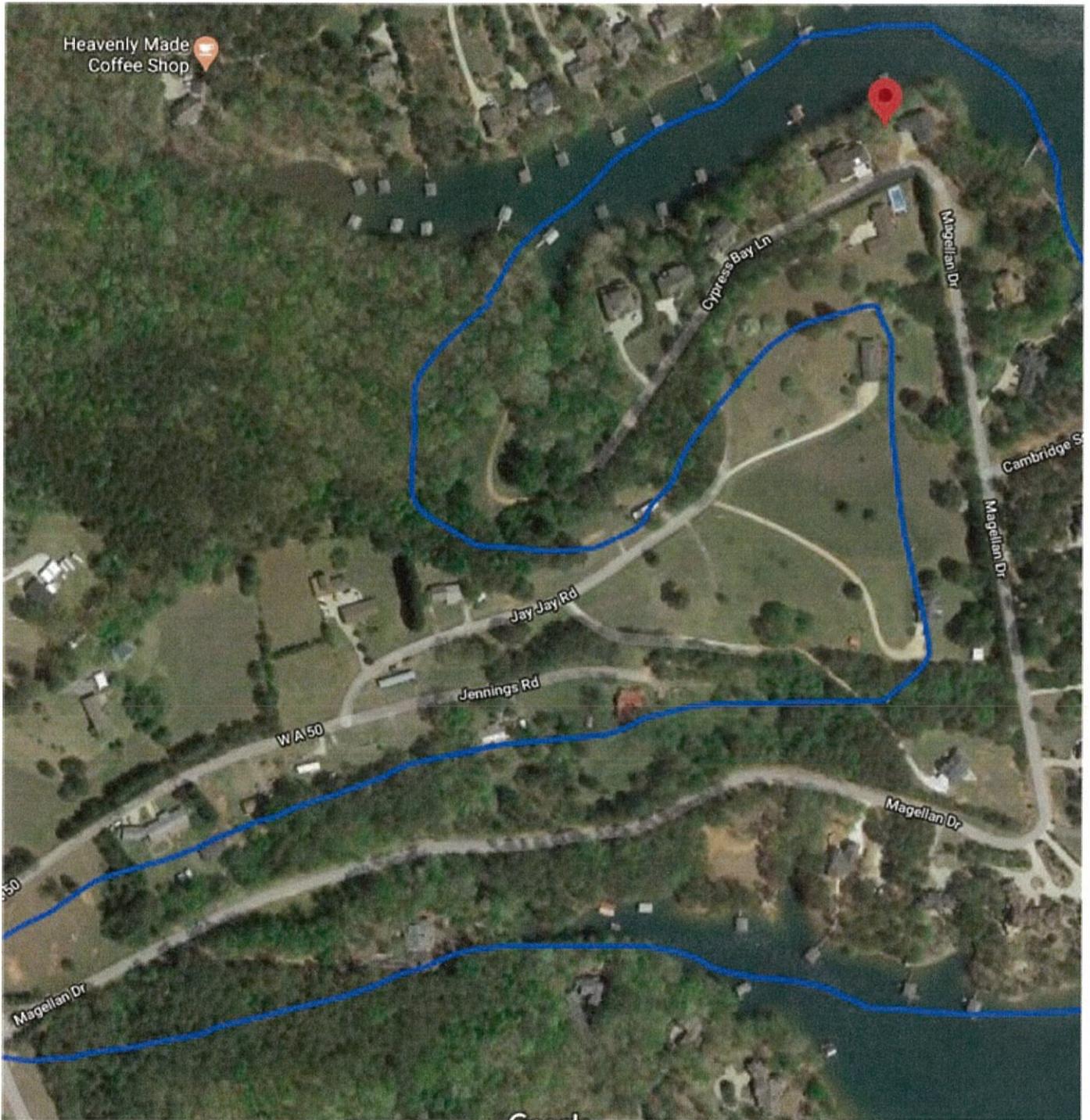
E National Cemetery Rd

Cabin Dr

Herring Rd

Oconee County

Wellington Pointe



Westwood Bay



Oconee Station





TUPELO LN

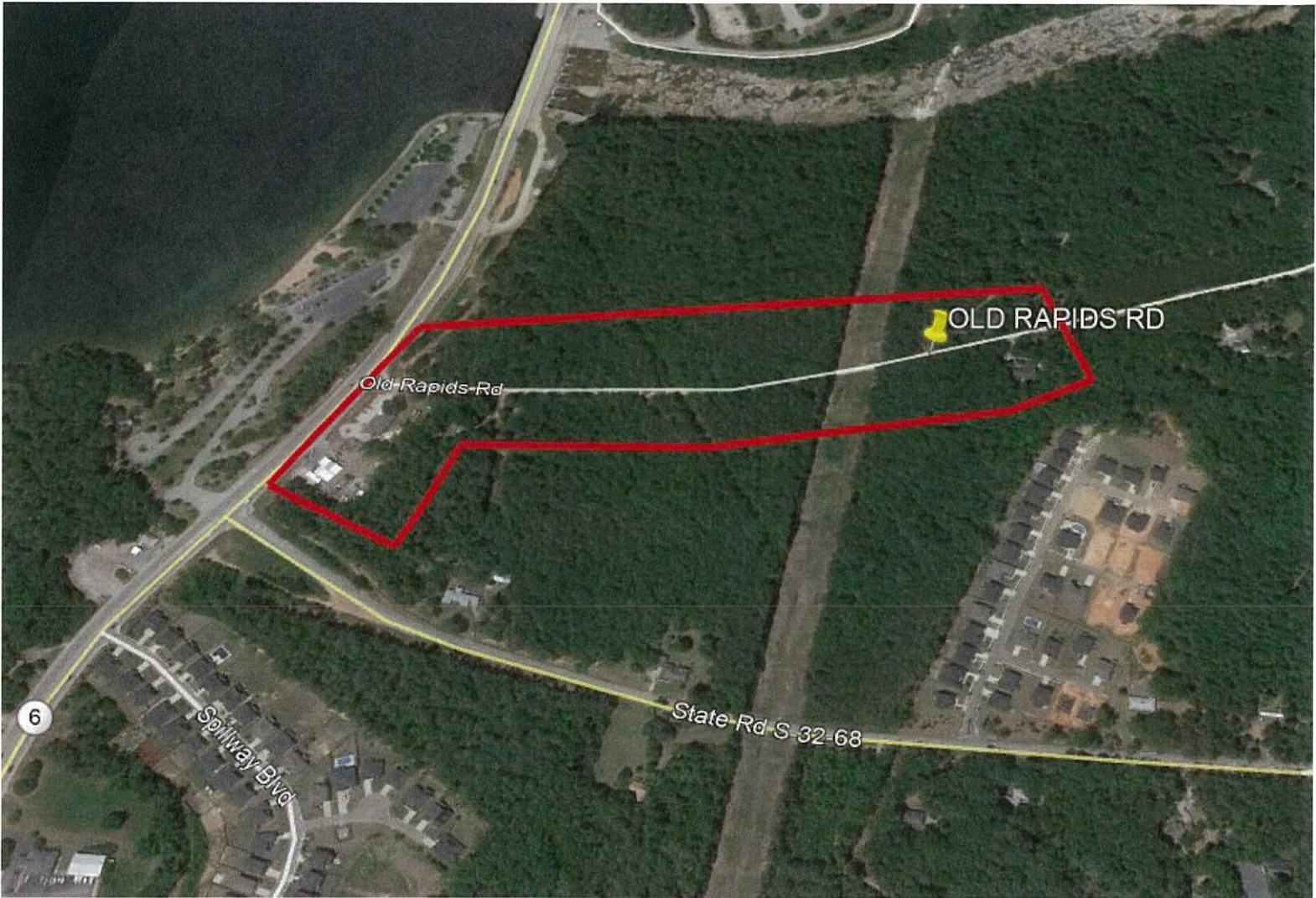
Tupele Ln

Pine Valley Dr

Pine Cone Cir

© 2020 Google

State Rd S-28-48

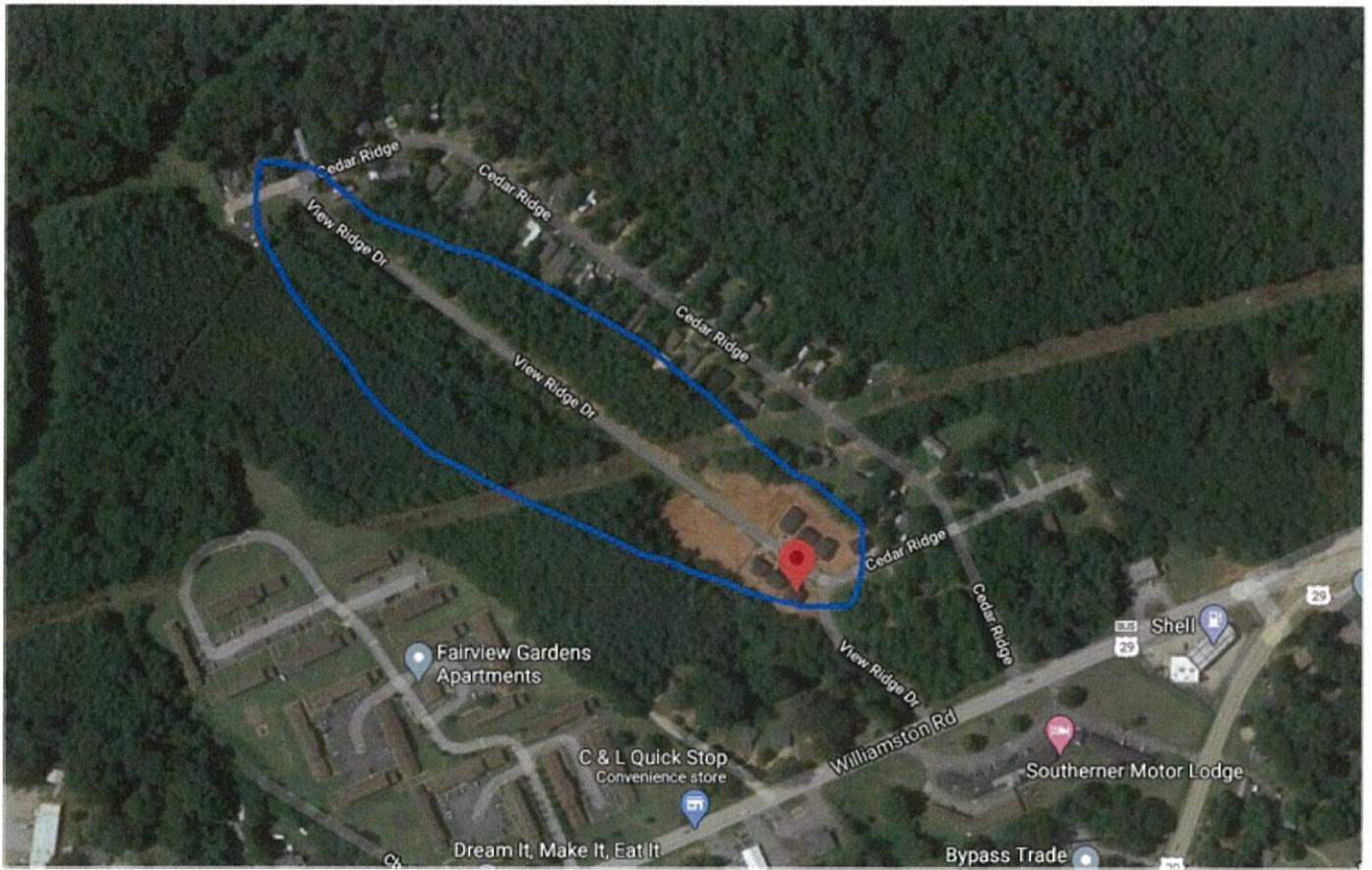


Anderson County

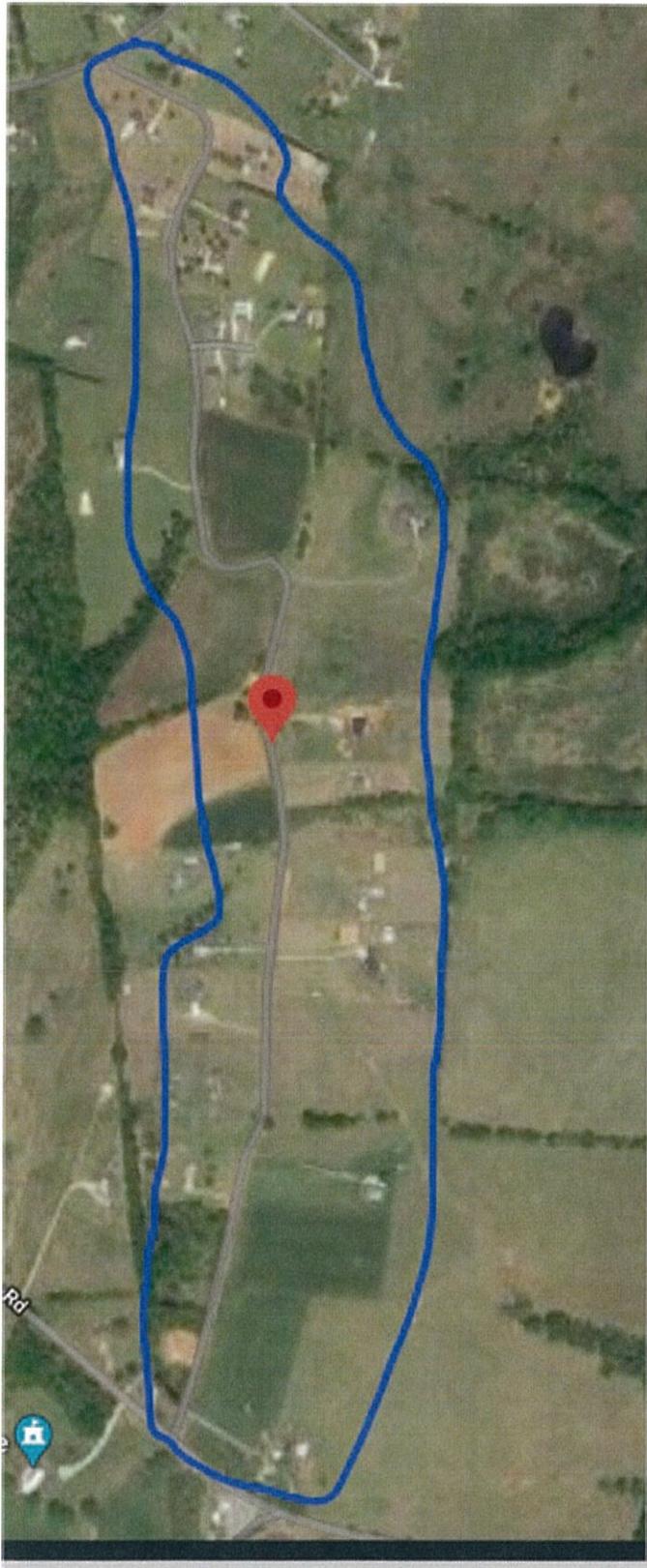
Autumn Place



Cedar Ridge Phase 2



Public Wells Rd



Sweet Farm

