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 (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:

☐ Rates less than $10/month
☐ Rates between $10 - $14.99/month
✓ Rates between $15 - $19.99/month
✓ Rates between $20 - $24.99/month
✓ Rates between $25 - $34.99/month

Project Timeline and Milestones
Project Start Date 9/1/2021
Project Construction Activity Begins 9/15/20
Project Construction Activity Complete 12/17/20
Customer Premises Installations Complete 12/17/20
Project Completion Date 12/17/20

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

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 2016, 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 by 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 underserved and underserved areas. This grant will assist our goals to expand to underserved 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/forkeligibleareas.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 usher 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
- Wireless 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 $50 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: [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
Mailing Address: 3347 Platt Springs Rd
City, State, Zip: West Columbia, South Carolina 29170
Title: Sr. Director, Government Affairi
Phone Number: 803-518-5398
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
Nearest City/Town: Florence
Rural or Urban: Urban
Project Area Map Code: (Target code)
Number of Households in Project Area: 7
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: 0

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
- Fixed wireless: Minimum Sustainable Download/Upload Speeds
- VDSL (25/3 Mbps or faster): Minimum Sustainable Download/Upload Speeds

Speeds up to 940/35 for residential service
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:

☑️ Rates less than $10/month
☐ Rates between $10 - $14.99/month
☑️ Rates between $15 - $19.99/month (1)(2)
☐ Rates between $20 - $24.99/month (1)(2)
☐ Rates between $25 - $34.99/month (2)

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

Project Cost Information
Total Project Cost $11,142.00
Average Cost per Housing Unit $1,592.00
Upfront Cost Requirements 0
Average Cost per Business 0
Cost of Building and/or Extending Infrastructure to Customer Premises 0
Average Cost per Location Served (all locations or structures) $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 2016, 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). Brining 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 (304).

Charter extended its network over two years (1/2016-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 35% 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 underserved and underserved areas. This grant will assist our goals to expand to underserved 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 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 contacts
• 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 ushered 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 the 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
• Wireless 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 103 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 forgoing 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: [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 (Target code)
145  Number of Households in Project Area
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
- 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)
- Fixed wireless  Minimum Sustainable Download/Upload Speeds
- VDSL  Minimum Sustainable Download/Upload Speeds
- 25/3 Mbps or faster  Minimum Sustainable Download/Upload Speeds

Speeds up to 940/35 Mbps for residential service
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:

☐ Rates less than $10/month
☐ Rates between $10 - $14.99/month
☒ Rates between $15 - $19.99/month

☒ Rates between $20 - $24.99/month
☒ Rates between $25 - $34.99/month

_project timeline and milestones_
Project Start Date 9/1/20
Project Construction Activity Begins 9/15/20
Project Construction Activity Complete 12/17/20
Customer Premises Installations Complete 12/17/20
Project Completion Date 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 600 Mbps 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 (12/2018-12/2019) 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-lt 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 Spartanburg 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 now, qualifying households with internet service. Spectrum makes it simple for qualified households to sign up for low income internet assistance.

- Free Internat 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 individuals 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 usher 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
- Wireless 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 hardships, and waiving approximately $60 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: [Signature]
Print Name of Signature: Anthony Sileo
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
Number of Households in Project Area  4
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  0
Project Area Map Code  Sumter 2 (Target code)

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)
☐ 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:

- Rates less than $10/month
- Rates between $10 - $14.99/month
- Rates between $15 - $19.99/month
- Rates between $20 - $24.99/month
- Rates between $25 - $34.99/month

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

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

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 45,000 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 (304).

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 (SSI) for applicants age 65 or older

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 usher 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 ease the strain on millions of Americans, including by connecting nearly 450,000 students, teachers, and their families to up to 100 Mbps or 230 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 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
Mailing Address: 3347 Platt Springs Rd
City, State, Zip: West Columbia, SC 29170
Title: Sr. Director, Government Affairs
Phone Number: 803-518-5398
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
Nearest City/Town: Greenville
Rural or Urban: Rural
Project Area Map Code: Not in coded box (Target code)

35
Number of Households in Project Area
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)
☐ 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:

- Rates less than $10/month
- Rates between $10 - $14.99/month
- Rates between $15 - $19.99/month
- Rates between $20 - $24.99/month
- Rates between $25 - $34.99/month

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

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

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 940/75 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
- Wireless 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 paying approximately $55 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: [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 (Target code)
9  Number of Households in Project Area
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)
☐ 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:

☐ Rates less than $10/month
☐ Rates between $10 - $14.99/month
✓ Rates between $15 - $19.99/month (1)(2)
✓ Rates between $20 - $24.99/month (1)(2)
✓ Rates between $25 - $34.99/month (2)

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

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

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 940/15 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 2016, 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 Gb 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 35% 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-Lt 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 usher 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
- Wireless connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic, Charter has done our part to help 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 $95 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: [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  (Target code)
5  Number of Households in Project Area
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  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:

☐ Rates less than $10/month
☐ Rates between $10 - $14.99/month
☑ Rates between $15 - $19.99/month (1)(2)
☑ Rates between $20 - $24.99/month (1)(2)
☑ Rates between $25 - $34.99/month (2)

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

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

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 940/75 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 (3014).

Charter extended its network over two years (1/2/2018-12/2019) 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-it 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 usher 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
- Wireless 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 709,000 customers connected when they had a hard time paying bills because of COVID-related economic hardships, and forgiving approximately $50 million in customers’ overdue balances. Spectrum gave its frontline 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 FedBiz 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 Sierio

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
Mailing Address: 3347 Platt Springs Road
City, State, Zip: W. Columbia, SC 29170
Title: Sr. Director, Government Affairs
Phone Number: 803-518-5398
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
Nearest City/Town: Seneca

- Number of Households in Project Area: 54
- 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: 0

Project Area Map Code: Oconee 12 (Target code)

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

- Fiber to the Premises
- Hybrid fiber-coax (symmetrical upload/download speeds)
- Hybrid fiber-coax (non-symmetrical upload/download speeds)
- Fixed wireless
- VDSL (25/3 Mbps or faster)

Minimum Sustainable Download/Upload Speeds

Speeds up to 940/35 for residential service

Minimum Sustainable Download/Upload Speeds

Minimum Sustainable Download/Upload Speeds

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:

- [ ] Rates less than $10/month
- [ ] Rates between $10 - $14.99/month
- [✓] Rates between $15 - $19.99/month
- [✓] Rates between $20 - $24.99/month
- [✓] Rates between $25 - $34.99/month

---

**Project Timeline and Milestones**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Start Date</td>
<td>9/1/20</td>
</tr>
<tr>
<td>Project Construction Activity Begins</td>
<td>9/15/20</td>
</tr>
<tr>
<td>Project Completion Date</td>
<td>12/17/20</td>
</tr>
<tr>
<td>Customer Premises Installations Complete</td>
<td>12/17/20</td>
</tr>
</tbody>
</table>

---

**Project Cost Information**

<table>
<thead>
<tr>
<th>Cost Type</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Project Cost</td>
<td>$424,341.00</td>
</tr>
<tr>
<td>Upfront Cost Requirements</td>
<td>0</td>
</tr>
<tr>
<td>Cost of Building and/or Extending Infrastructure to Customer Premises</td>
<td>0</td>
</tr>
<tr>
<td>Average Cost per Location Served (all locations or structures)</td>
<td>$2,735.00</td>
</tr>
<tr>
<td>Average Cost per Housing Unit</td>
<td>$2,735.00</td>
</tr>
<tr>
<td>Average Cost per Business</td>
<td>0</td>
</tr>
</tbody>
</table>

---

**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 540/15 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.
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 are 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 areas"). 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-fed 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 underserved and underserved areas. This grant will assist our goals to expand to underserved 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 (SSI) 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 usher 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 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
- Wireless connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help 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 $25 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 project 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.

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

Signature: [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 Affairi
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 (Target code)
Number of Households in Project Area  155
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  0

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)
☐ Fixed wireless  Minimum Sustainable Download/Upload Speeds
☐ VDSL  (25/3 Mbps or faster)  Minimum Sustainable Download/Upload Speeds

Page 1 of 6
**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:

- [ ] Rates less than $10/month
- [ ] Rates between $10 - $14.99/month
- [x] Rates between $15 - $19.99/month
- [ ] Rates between $20 - $24.99/month
- [ ] Rates between $25 - $34.99/month

**Project Timeline and Milestones**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Start Date</td>
<td>9/1/20</td>
</tr>
<tr>
<td>Project Construction Activity Begins</td>
<td>9/15/20</td>
</tr>
<tr>
<td>Project Construction Activity Complete</td>
<td>12/17/20</td>
</tr>
<tr>
<td>Customer Premises Installations Complete</td>
<td>12/17/20</td>
</tr>
<tr>
<td>Project Completion Date</td>
<td>12/17/20</td>
</tr>
</tbody>
</table>

**Project Cost Information**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Project Cost</td>
<td>$324,210.00</td>
</tr>
<tr>
<td>Upfront Cost Requirements</td>
<td>0</td>
</tr>
<tr>
<td>Cost of Building and/or Extending Infrastructure to Customer Premises</td>
<td>0</td>
</tr>
<tr>
<td>Average Cost per Location Served (all locations or structures)</td>
<td>$2,936.00</td>
</tr>
<tr>
<td>Average Cost per Housing Unit</td>
<td>$2,936.00</td>
</tr>
<tr>
<td>Average Cost per Business</td>
<td>0</td>
</tr>
</tbody>
</table>

**Project Funding Information**

<table>
<thead>
<tr>
<th>Information</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Carolina CARES Act Funding Requested</td>
<td>$162,105.00</td>
</tr>
<tr>
<td>Applicant-Provided Funding</td>
<td>$162,105.00</td>
</tr>
<tr>
<td>Third-Party Funding</td>
<td>None</td>
</tr>
<tr>
<td>Source(s)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

---

(1) Spectrum offers a variety of broadband speed offerings up to 100/30 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 (20/4).

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-it 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 Spartanburg County application includes two Area of Need projects (Spartanburg 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 return to school. 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 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 30 Mbps
- Unlimited Internet usage with no data caps or speed throttling
- Cable modem, WIFI and self-installation kit provided at no cost
- Wireless 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 $95 million in customer delinquent balances. Spectrum gave its frontline 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.

[Signature]

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 (Target code)
Number of Households in Project Area
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  (non-symmetrical upload/download speeds)

☐ Fixed wireless  Minimum Sustainable Download/Upload Speeds

☐ VDSL  Minimum Sustainable Download/Upload Speeds  (25/3 Mbps or faster)

Speeds up to 940/35 for residential service
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:

☐ Rates less than $10/month
☐ Rates between $10 - $14.99/month
☑ Rates between $15 - $19.99/month
☑ Rates between $20 - $24.99/month
☑ Rates between $25 - $34.99/month

Project Timeline and Milestones

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Start Date</td>
<td>9/1/20</td>
</tr>
<tr>
<td>Project Construction Activity Begins</td>
<td>9/15/20</td>
</tr>
<tr>
<td>Project Construction Activity Complete</td>
<td>12/17/20</td>
</tr>
<tr>
<td>Customer Premises Installations Complete</td>
<td>12/17/20</td>
</tr>
<tr>
<td>Project Completion Date</td>
<td>12/17/20</td>
</tr>
</tbody>
</table>

Project Cost Information

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Project Cost</td>
<td>$10,914.00</td>
</tr>
<tr>
<td>Upfront Cost Requirements</td>
<td>0</td>
</tr>
<tr>
<td>Cost of Building and/or Extending Infrastructure to Customer Premises</td>
<td>0</td>
</tr>
<tr>
<td>Average Cost per Location Served (all locations or structures)</td>
<td>$1,558.00</td>
</tr>
<tr>
<td>Average Cost per Housing Unit</td>
<td>$1,558.00</td>
</tr>
<tr>
<td>Average Cost per Business</td>
<td>0</td>
</tr>
</tbody>
</table>

Project Funding Information

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Carolina CARES Act Funding Requested</td>
<td>$5,452.00</td>
</tr>
<tr>
<td>Applicant-Provided Funding</td>
<td>$5,452.00</td>
</tr>
<tr>
<td>Third-Party Funding</td>
<td></td>
</tr>
<tr>
<td>Amount</td>
<td>None</td>
</tr>
<tr>
<td>Source(s)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

[1] Spectrum offers a variety of broadband speed offerings up to 940/95 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 (304).

Charter also 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 93% 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 in 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/forhpeeligibleareas.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 contract
- 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 (SSI) (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 usher 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
- Wireless connectivity with over 99.9% network reliability
- 24/7/365 technical support

Throughout the COVID-19 pandemic Charter has done our part to help 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 furloughing 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 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: [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
Number of Households in Project Area  4  (Target code)
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  0

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  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:

☐ Rates less than $10/month
☐ Rates between $10 - $14.99/month
☑ Rates between $15 - $19.99/month
☑ Rates between $20 - $24.99/month
☑ Rates between $25 - $34.99/month

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

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

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 940/75 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 $60 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 (10/2018-12/2019) to provide broadband to more than 1.5 million additional homes and businesses across our national footprint including 39% 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 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) at the NSLP
- Supplemental Security Income (SSI) for household members

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 usher in another school year, lawmakers, administrators and educators are grappling with decisions about how and when students will return to school. 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 30 Mbps
- Unlimited Internet usage with no data caps or speed throttling
- Cable modem, WiFi and self-installation kit provided at no cost
- Wireless connectivity with over 99.9% network reliability
- 24/7 because technical support

Throughout the COVID-19 pandemic Charter has done our part to help 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 their bills because of COVID-related economic hardships, and forgiving approximately $96 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: [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.
Westwood Bay
Anderson County

Autumn Place
Cedar Ridge Phase 2