

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

Application ID: 75708112020103409
Application Status: Pending
Program Name: Virginia Telecommunications Initiative 2021
Organization Name: City of Suffolk
Organization Address: 442 West Washington Street
Suffolk, VA 23434
Profile Manager Name: Claire Jones
Profile Manager Phone: (757) 514-4060
Profile Manager Email: cljones@suffolkva.us

Project Name: City of Suffolk VA - VATI 2021
Project Contact Name: Regina Chandler
Project Contact Phone: (757) 514-7217
Project Contact Email: rmchandler@suffolkva.us
Project Location: 442 W Washington Street
Suffolk, VA 23434-5360
Project Service Area: Suffolk City

Total Requested Amount: \$2,524,778.00

Required Annual Audit Status: No Current Audits Found

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

Budget Information:

Cost/Activity Category	DHCD Request	Other Funding	Total
Telecommunications	\$2,524,778.00	\$631,194.00	\$3,155,972.00
Construction	\$2,524,778.00	\$631,194.00	\$3,155,972.00
Total:	\$2,524,778.00	\$631,194.00	\$3,155,972.00

Budget Narrative:

The total cost of the project \$3,155,972. This estimate will cover the installation of fiber to the named project areas.

Questions and Responses:

1. Project Description and Need

Describe why and how the project area(s) was selected. Describe the proposed geographic area including specific boundaries of the project area (e.g. street names, local and regional boundaries, etc.). Attach a copy of the map of your project area(s). Label map: Attachment 1 – Project Area Map.

Answer:

The project submittal includes four (4) different projects, all in rural areas of Suffolk. These areas were specifically chosen due to their rural, under-served or unserved nature. The Vicksburg Road, Southwestern Boulevard, Manning Farms, and the Whaleyville area were chosen because of the frequency that citizens contact the partner, Charter Communications, and the City of Suffolk regarding their desires for high speed internet access. As well, these areas were selected because they will provide a vast number of citizens with the so desired high speed access. Further description of the areas are as follows:

Vicksburg Road: This is a rural area in western Suffolk. This project would serve approximately 9 passings; 2 businesses, 1 church, and 6 residences. Vicksburg Road is utilized as a fiber backbone to deliver service to the project areas in this application. There is no other terrestrial provider serving this area.

Southwestern Boulevard: This is a rural area in western Suffolk. This project would serve approximately 16 passings; 1 business and 15 residences. The City of Suffolk and Charter Communications have received multiple requests for service for this area. There is no other terrestrial provider serving this area.

Manning Farms: This is a rural neighborhood in western Suffolk. This project would serve approximately 25 passings; there are no reported businesses or community anchors reported. The City of Suffolk and Charter Communications have received multiple requests for service in this area. There is no other terrestrial provider serving this area.

Whaleyville Area: This is a rural area in southwestern Suffolk. This project would serve approximately 391

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

passings; 15 businesses, 7 churches, and 369 residences. The City of Suffolk and Charter Communications have received multiple requests for service in this area. There is no other terrestrial provider serving this area.

2. List existing providers in the proposed project area and the speeds offered. Please do not include satellite. Describe your outreach efforts to identify existing providers and how this information was compiled with source(s).

Answer:

At this time, the City of Suffolk has determined that there are no existing providers in this area. This determination was reached by the following:

- Physically inspecting all the roads in the anticipated service area
- Reviewing the FCC Broadband provider information for the project service areas and determining that there is no provider extending services at or above 10mbps.
- Reviewing the projects on an individual basis, Charter Communications is the only provider in the area that is providing speeds above 25/3. Further due diligence shows Verizon with an advertised speed of 3 to 5mbps.
- There are no WISP (Wireless Internet Service Providers) in the area.

Source:

https://broadbandmap.fcc.gov/#/location-summary?version=jun2019&lat=36.708108&lon=-76.605954&tech=acfosw&speed=25_3&vlat=36.70925958382905&vlon=-76.60574649999347&vzoom=12.34682166514314

3. Describe if any areas near the project have received funding from federal grant programs, including but not limited to Connect America Funds II (CAF II), ACAM, ReConnect, and Community Connect. If there have been federal funds awarded near the project, provide a map verifying the proposed project area does not conflict with these areas. Describe if there are Rural Digital Opportunity Fund (RDOF) eligible census blocks located in the proposed project area. Label Map: Attachment 2 – Documentation on Federal Funding Area.

Answer:

The City of Suffolk has reviewed the CAF and CAF II maps (attached) for the anticipated project areas and the proposed projects are not in eligible areas for this federal funding.

The City has also reviewed the census block data for the anticipated projects and compared it to the following:

- a) List of FCC RDOF eligible census blocks (attached)
- b) Map of the FCC RDOF eligible areas (attached), which shows the proposed service areas are in in eligible areas for this federal funding program.

4. Overlap: To be eligible for VATI, applicants must demonstrate that the proposed project area(s) is unserved. An

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

unserved area is defined as an area with speeds of 25/3 mbps or less and with less than 10% service overlap within the project area. Describe any anticipated service overlap with current providers within the project area. Provide a detailed explanation as to how you determined the percentage overlap. Label Attachment: Attachment 3 – Documentation Unserved Area VATI Criteria.

Answer:

The City of Suffolk has physically examined the proposed service areas and reviewed federal broadband service provider reports. Based upon this inspection, we found no existing providers and therefore to do not anticipate having any areas of overlapping service. To that end, we have received requests from citizens to extend broadband services to these areas for many years. We also took a sampling of the data found on the FCC Fixed Broadband Deployment Website: https://broadbandmap.fcc.gov/#/location-summary?version=jun2019&lat=36.708108&lon=-76.605954&tech=acfosw&speed=25_3&vlat=36.70925958382905&vlon=-76.60574649999347&vzoom=12.34682166514314 on the census blocks of the proposed project area and found that there were no speeds above 10/1 mbps.

5. Total Passings: Provide the number of total serviceable units in the project area. Applicants are encouraged to prioritize areas lacking 10 Megabits per second download and 1 Megabits per second upload speeds, as they will receive priority in application scoring. For projects with more than one service area, each service area must have delineated passing information. Label Attachment: Attachment 4 – Passings Form
 - a. Of the total number of passings, provide the number of residential, business, non-residential, and community anchors in the proposed project area. Describe the methodology used for these projections.
 - b. Provide the number of serviceable units in the project area that have 10/1 mbps or less. Describe the methodology used for these projections.

Answer:

Project	Residential	Businesses (non-home)	Businesses (home)	Community Anchors	Non Residential	Total Passings	Speed below 10/1
Vicksburg	6.00	0	2.00	1.00	0	9.0	9.0
Southwestern	15.00	0	1.00	0	0	16.00	16.00
Manning Farms	25.00	0	0	0	0	25.00	25.00
Whaleville	369.00	0	15.00	7.00	0	391.00	391.00

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

TOTAL	441					441	441
L							

6. For wireless projects only: Please explain the ownership of the proposed wireless infrastructure. Please describe if the private co-applicant will own or lease the radio mast, tower, or other vertical structure onto which the wireless infrastructure will be installed.

Answer:

N/A

7. Speeds: Describe the internet service offerings, including download and upload speeds, to be provided after completion of the proposed project. Detail whether that speed is based on dedicated or shared bandwidth, and detail the technology that will be used. This description can be illustrated by a map or schematic diagram, as appropriate. List the private co-applicant's tiered price structure for all speed offerings in the proposed project area, including the lowest tiered speed offering at or above 25/3 mbps.

Answer:

Charter employs a hybrid fiber/coax delivery network and offers various offerings at different speeds that the resident can choose from. Each node is designed to limit the number of homes per node. These include:

Spectrum Internet 50/5 with WiFi \$74.99

Spectrum Internet 50/5 \$69.99

Spectrum Internet 100/10 \$69.99

Spectrum Internet 100/10 with WiFi \$74.99

Spectrum Internet Ultra 400/20 \$94.99

Spectrum Internet Assist 30/4 ** \$17.99

Spectrum Internet Assist 30/4 with WiFi ** \$22.99

Spectrum Internet Gig \$129.99

*Rates at the time of VATI application

8. Network Design: Provide a description of the network system design used to deliver broadband service from the network's primary internet point(s) of presence to end users, including the network components that already exist and the ones that would be added by the proposed project. Provide a detailed explanation of how this information was determined with sources. If using a technology with shared bandwidth, describe how the equipment will handle capacity during peak intervals. For wireless projects, provide a propagation map for the proposed project area with a clearly defined legend for scale of map. Label Map: Attachment 5 – Propagation Map Wireless Project.

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

Answer:

In general, Charter's network includes three components: the national backbone, regional/metro networks and the "last-mile" network. Both Charter's national backbone and regional/metro network components utilize a redundant Internet Protocol ("IP") ring/mesh architecture with the capability to differentiate quality of service for each residential or commercial product offering.

Charter's last-mile network utilizes a traditional hybrid fiber coaxial cable (or "HFC") architecture, which combines the use of fiber optic cable with coaxial cable. In our Virginia system, we deliver our signals via fiber optic cable from the head end to a group of nodes, and use coaxial cable to deliver the signal from individual nodes to the homes served by that node.

The design also provides two-way signal capacity for the addition of further interactive services. Charter's HFC (Hybrid Fiber Coax) network design utilizes DOCSIS 3.1 to offer residential speeds as high as 1 Gig (940Mbps for download speed and 35Mbps for upload speed), advanced two-way video and digital phone all of which is upgradeable to support additional bandwidth and speeds. As the market demands faster speeds, Spectrum expects to continue to raise the minimum speed offered to its customers by continuing to upgrade our network based on the latest DOCSIS specifications.

For our fiber Internet, Ethernet, carrier wholesale, SIP and PRI commercial customers, fiber optic cable is extended from the individual nodes all the way to the customer's site. We believe that this hybrid network design provides high capacity and excellent signal quality.

9. Project Readiness

Describe the current state of project development, including but not limited to: planning, preliminary engineering, identifying easements/permits, status of MOU or MOA, and final design. Prepare a detailed project timeline or construction schedule, identifying specific tasks, staff, contractor(s) responsible, collection of data, etc., and estimated start and completion dates. Applicants must include Memorandums of Understanding (MOUs) or Memorandums of Agreement (MOAs) between applicants (drafts are allowable). Label Attachments: Attachment 6 – Timeline/Project Management Plan; Attachment 7 – MOU/MOA between Applicant/Co-Applicant.

Answer:

The proposed project areas were physically ridden out by Charter's in-house construction staff. This staff is experienced in looking at such network expansions. Staff counted the number of existing passings, the mileage from the nearest network tie point, and calculated the project cost. The cost is derived from Charter's years of company experience and internal (proprietary) template worksheets.

If the grant is awarded, these proposed projects would be designed, planned, and overseen by Charter's in-house Technical Operations team. The construction of the system would be completed by contractors, but managed by internal Charter employees.

A Memorandum of Understanding (MOU) between Charter Communications and the City of Suffolk will serve as our agreement to work in partnership. The MOU is currently in progress between the two legal teams of Charter Communications and the City of Suffolk.

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

Project Timeline; including detailed construction schedule:

Charter Communications shall complete the project in a timely manner, but is subject to excusable delay.

Excusable delay means a delay to the construction of the project that affects competition and is directly caused by (1) make-ready work that is not received by Grantee within one (1) month of Grantee's submission of a proper application for utility pole attachments; (2) any delay in receiving governmental, regulatory and third party permits, licenses, and approvals, despite Grantee's good faith efforts to secure timely approvals; or (3) due to any reason beyond the Grantee's reasonable control, but not limited to, acts of God or of a public enemy, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, or unusually severe weather.

The following is the timeframe in which we can build each of these projects, pending timely make-ready work by the pole owner:

- Vicksburg Road: 12 months
- Southwestern Boulevard: 8 months
- Manning Farms: 8 months
- Whaleville Area: 22 months

Status of Easements/Permits:

All easements and Right-of-Ways need to be obtained. If this project is approved, Charter will apply for permits as needed. This is Charter's standard operating procedure and is normal business for Charter. The company is familiar and follow this process. The City of Suffolk has had discussion on the permitting of these projects and is committed to assisting with Charter to obtain these in a timely fashion.

10. Matching funds: Complete the funding sources table indicating the cash match and in-kind resources from the applicant, co-applicant, and any other partners investing in the proposed project (VATI funding cannot exceed 80 percent of total project cost). In-kind resources include, but are not limited to: grant management, acquisition of rights of way or easements, waiving permit fees, force account labor, etc. Please note the a minimum 20% match is required to be eligible for VATI, the private sector provider must provide 10% of the required match. If the private co-applicant's cash match is below 10% of total project cost, applicants must provide financial details demonstrating appropriate private investment. Label Attachments: Attachment 8 - Funding Sources Table; Attachment 9 – Documentation of Match Funding.

Answer:

The City of Suffolk is requesting \$2,524,778.00, which is 80% funding through the VATI grant program. The 20% match will be paid by Charter Communications. The City of Suffolk is committed through in-kind services to assist Charter Communications in expeditiously obtaining all permits associated with construction for these proposed projects. Coordination with the City of Suffolk and Charter Communications will begin immediately upon notification of the grant award.

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

11. Leverage: Describe any leverage being provided by the applicant, co-applicant, and partner(s) in support of the proposed project.

Answer:

The VATI Grant opportunity will provide the funds necessary to extend broadband internet service to four (4) areas within rural Suffolk. This opportunity will give direct access to remote work, online education, and health care options for our rural residents who are otherwise forced to travel long distances for college courses and medical treatment. The availability of internet in these areas will also entice other businesses and residents to relocate to these identified areas to promote economic wealth and vitality for the City of Suffolk and the Commonwealth of Virginia. The City is committed to the proposed project and look forward to the potential of providing ability to access broadband services to some of our most rural areas. The City is able to leverage the permitting and right-of-way fees to assist Charter Communications. The City of Suffolk has not received any additional funding to leverage at this time.

12. Marketing: Describe the broadband adoption plan.

a. Explain how you plan to promote customer take rate, including marketing activities, outreach plan, and other actions to reach the identified serviceable units within the project area. Provide the anticipated take rate and describe the basis for the estimate.

b. Describe any digital literacy efforts to ensure residents and businesses in the proposed project area sufficiently utilize broadband. Please list any partnering organizations for digital literacy, such as the local library or cooperative extension office.

Answer:

Through Charter Communications superior products and customer service, the company strives daily to better serve citizens of the City of Suffolk and give them the products and services desired. Charter offers straightforward, nationally uniform pricing to customers with no data caps or usage-based pricing, no modem fees, and no early termination fees. Charter schedules one-hour appointment windows when customers need at-home support at times that work for their schedules including evening and weekend times.

Charter offers a low-cost broadband option for eligible families and seniors and offers speeds of 30mbps, which exceeds the FCC's definition of high-speed broadband. This program is called Spectrum Internet Assist (SIA) and is available to eligible households across the 41 states that the company serves. This program is helping to bridge the digital divide for families thus creating life-changing opportunities, allowing them to apply for jobs, complete homework, or start their own business.

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

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

Program Requirements:

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

- National School Lunch Program (NSLP)
- Community Eligibility Provision (CED) 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 month's end and fall ushers in another school year, lawmakers, administrators, and educators are grappling with the 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, Charter Communications has been working on an innovative solution to help get more households connected. Through their new Stay Connected K-12 program, Charter Communications' team will work directly with school districts across their 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 50mbps
- Unlimited internet usage with no data caps or speed throttling
- Cable modem, Wi-Fi, 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 Communications has worked to erase the strain on millions of Americans 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-19 related economic hardships, and forgiving approximately \$85 million in customers' overdue balances. Charter Communications 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. Charter's COVID-19 pandemic response was even recognized by Forbes as one of the best in the nation. Charter Communications' Stay Connected K-12 program is another way they are doing their part to respond to the pandemic and support the communities that they serve.

13. Project Management: Identify key individuals who will be responsible for the management of the project and provide a brief description of their role and responsibilities for the project. Present this information in table format. Provide a brief description of the applicant and co-applicant's history and experience with managing grants and constructing broadband communication facilities. Please attach any letters of support from stakeholders. If applicant is not a locality(s) in which the project will occur, please provide a letter of support from that locality. Attachment 10 – Letters of Support.

Answer:

Name	Title/Entity	Responsibility

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

Eric Collins	Director of Government Affairs, Charter Communications	City of Suffolk Coordination, Grants process
Thomas Jacobs	Senior Manager of Construction	Walkouts, Pole Applications, Mapping, Design, Construction Oversight, Splicing, Customer Installations
Patrick Roberts	City Manager, City of Suffolk	Project Sponsor
Regina Chandler	Assistant Director of Information Technology, City of Suffolk	Administrative Project Manager
Charlie Harcum	Network Manager, City of Suffolk	Network Project Team
Randah Gaitan	Senior Administrative Analyst, City of Suffolk	Administrative Project Lead
Timothy Kelley	Assistant Director of Media and Communications, City of Suffolk	Citizen communication, Administrative Project
Tealen Hansen	Director of Finance, City of Suffolk	Grants Administration

In concert with the capabilities brought by our partner, Charter Communications, the City of Suffolk’s executive leadership team is well versed in management of grants and administrative project management. The City of Suffolk is confident in the capabilities of our executive staff to accurately administer grant funds and management of large scale projects.

Mr. Patrick Roberts will serve as the individual responsible for signing all materials, monitoring of any contracts entered into by the City, any partners, and DHCD, and providing direct oversight of the financial and administrative project management.

Mrs. Regina Chandler will serve as the individual responsible for direct communications and project management between the City of Suffolk and Charter Communications. As Assistant Director of Information Technology, Mrs. Chandler brings a wealth of information technology project management knowledge to this project.

Charter Communications has successfully partnered with local governments and received broadband grants within Charter’s national footprint, which serves over 30 million customers in 41 states under the brand name of Spectrum. Charter has been a service provider in the City of Suffolk since 1984 and the working relationship that has been developed over these many years will insure the successful broadband deployment in the proposed project areas.

14. Project Budget and Cost Appropriateness

Budget: Applicants must provide a detailed budget that outlines how the grant funds will be utilized, including an itemization of equipment, construction costs, and a justification of proposed expenses. If designating more than

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

one service area in a single application, each service area must have delineated budget information. For wireless projects, please include delineated budget information by each tower. Expenses should be substantiated by clear cost estimates. Include copies of vendor quotes or documented cost estimates supporting the proposed budget. Label Attachments: Attachment 11 – Derivation of Costs; Attachment 12 - Documentation of Supporting Cost Estimates.

Answer:

Detailed Narrative on How Grant Funds Will be Used:

- 100% of the requested funds will be spent directly on the construction of broadband infrastructure in unserved areas of Suffolk, VA. These grant funds will not be used for marketing or operational costs.

Derivation of Costs:

- Charter's highly skilled internal construction team does the calculation based upon a physical drive out of their knowledge of the market.

Documentation on Supporting Cost Estimates:

- Charter's internal and vendor costs for construction, labor, and equipment are considered proprietary information to the company.

15. The cost benefit index is comprised of three factors: (i) state share for the total project cost, (ii) state cost per unit passed, and (iii) the internet speed. From these statistics, individual cost benefit scores are calculated and averaged together to create a point scale for a composite score. Provide the following:
- a. Total VATI funding request
 - b. Number of serviceable units
 - c. Highest residential speed available in proposed project area

Answer:

a. The total VATI funding request is \$2,139,418.

b. The number of serviceable units are as follows:

Vicksburg Road: 9

Southwestern Blvd: 16

Manning Farms Rd: 25

Whaleyville Area: 391

c. Highest residential speed available in the proposed areas are 940/50

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

16. Commonwealth Priorities

Additional points will be awarded to proposed projects that reflect Commonwealth priorities. If applicable, describe the following:

- a. How the proposed project fits into a larger plan to achieve universal broadband coverage for the locality. Explain the remaining areas of need in the locality and a brief description of the plan to achieve universal broadband coverage.
- b. Businesses, community anchors, or other passings in the proposed project area that will have a significant impact on the locality or region because of access to broadband.
- c. Unique partnerships involved in the proposed project. Examples include electric utilities, universities, and federal/state agencies.
- d. Digital equity efforts to ensure low to moderate income households in the proposed project area will have affordable access to speeds at or above 25/3 mbps.

Answer:

As part of the Governor's plan to bring internet access to every household, the City of Suffolk is committed to seeking innovative opportunities to get this goal accomplished. With the assistance of Charter Communications, and other resources; the City is working on its Master Plan to examine each of these unserved areas, obtain resource funding to get the infrastructure in place to bring last-mile connectivity for e-business, communication, remote working, and education. The project areas identified will be considered as a Phase 1 of the overall plan. As our population increase, the City of Suffolk will continue to work on the remaining unserved areas.

Charter's Enterprise Division has unique partnerships with many government entities, school systems, universities, hospitals, and other institutions in providing commercial video, internet, data and telecommunications services.

As part of Charter's Digital Equity efforts, a Digital Education Grant Program is offered. Charter's Spectrum Digital Education Grants help bridge the gap in digital literacy through grants, public service announcements (PSAs), and direct engagement by collaborating with non-profit organizations committed to educating their communities on the benefits of broadband and how it can be used to improve lives. Since 2017, Charter has awarded over \$1.5 million to non-profit organizations.

17. Additional Information

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

17. Provide any other information that the applicant desires to include. Applicants are limited to four additional attachments.

Label Additional Attachments as:

- a. Attachment 13 – Two most recent Form 477 submitted to the FCC or equivalent
- b. Attachment 14 – XXXXXXXX
- c. Attachment 15 – XXXXXXXX
- d. Attachment 16 – XXXXXXXX
- e. Attachment 17 – XXXXXXXX

Answer:

N/A

Attachments:

Map(s) of project area, including proposed infrastructure

Attachment1ProjectAreaMap8172020125400.pdf

Documentation of Federal Funding (CAF/ACAM/USDA, etc...) in and/or near proposed project area.

Attachment2DocumentationonFederalFundingArea815202051312.pdf

Documentation that proposed project area is unserved based on VATI criteria

Attachment3DocumentationofUnservedAreasVATICriteria817202095113.docx

Passings Form (Please use template provided)

Attachment4Passings8162020120353.docx

Timeline/Project Management Plan

Attachment6TimelineProjectPlan817202021054.xlsx

MOU/MOA between applicant/co-applicant (can be in draft form)

Attachment7MOUMOABetweenApplicantCoApplicant8162020122213.docx

Funding Sources Table

Attachment8FundingSourcesTable815202060216.docx

Application to DHCD Submitted through CAMS

City of Suffolk

City of Suffolk VA - VATI 2021

Documentation for match funding

Attachment9DocumentationofMatchFunding815202034216.docx

Letters of Support

Attachment10LettersofSupport8162020122356.pdf

Derivation of Cost (Project Budget)

Attachment11DerivationofCost8162020122553.xlsx

Documentation supporting project costs (e.g. vendor quotes)

Attachment12DocumentationofSupportingCostEstimates8162020125303.pdf

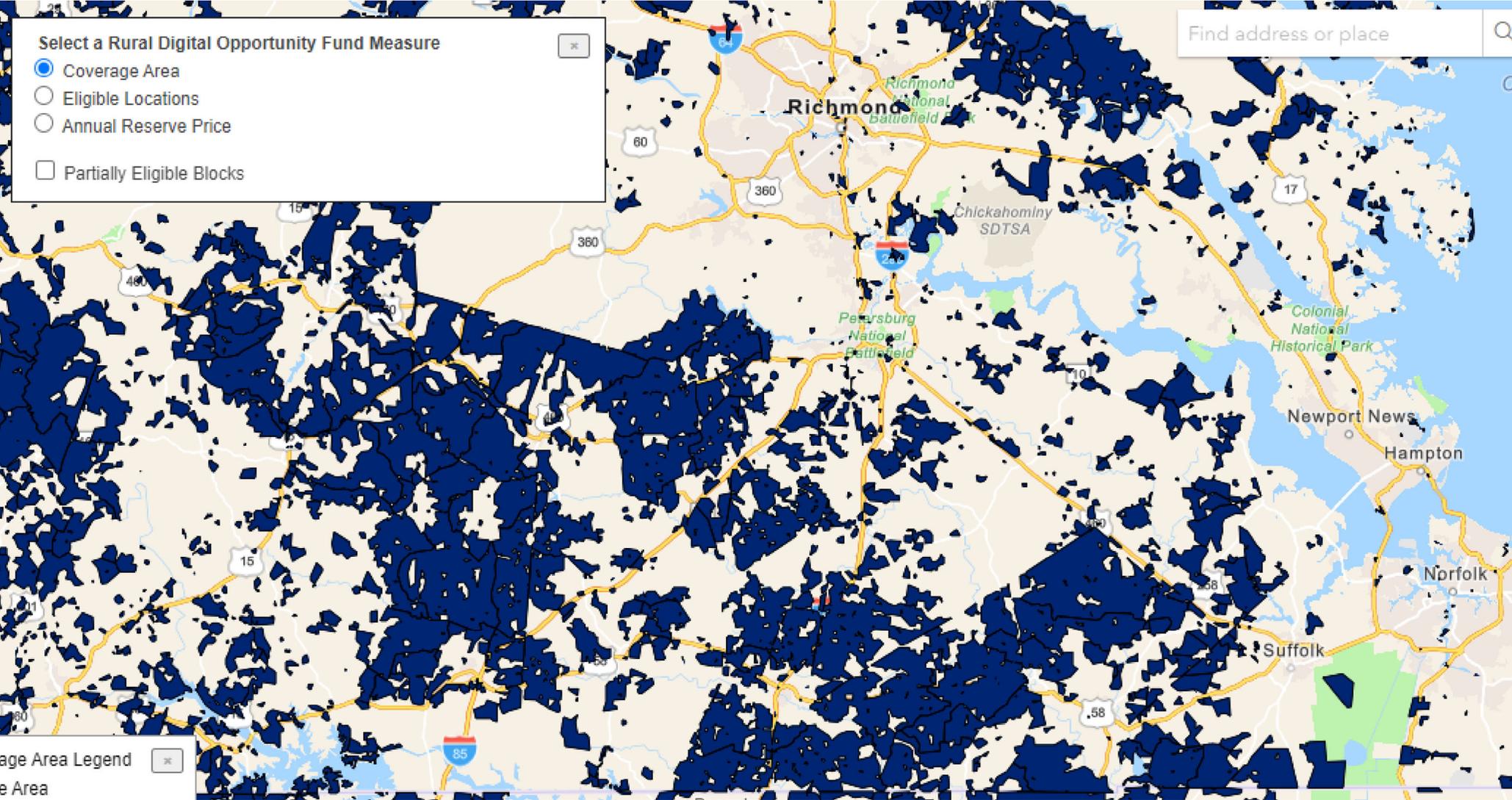
Two most recent Form 477 submitted to FCC

Attachment13FCCForm817202035051.pdf

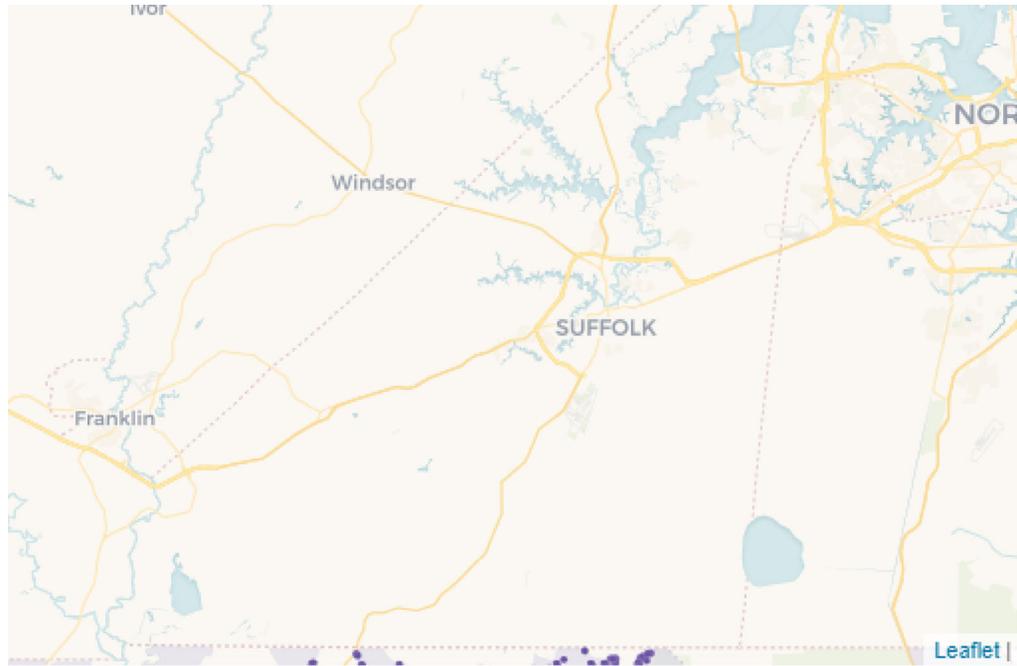
Select a Rural Digital Opportunity Fund Measure

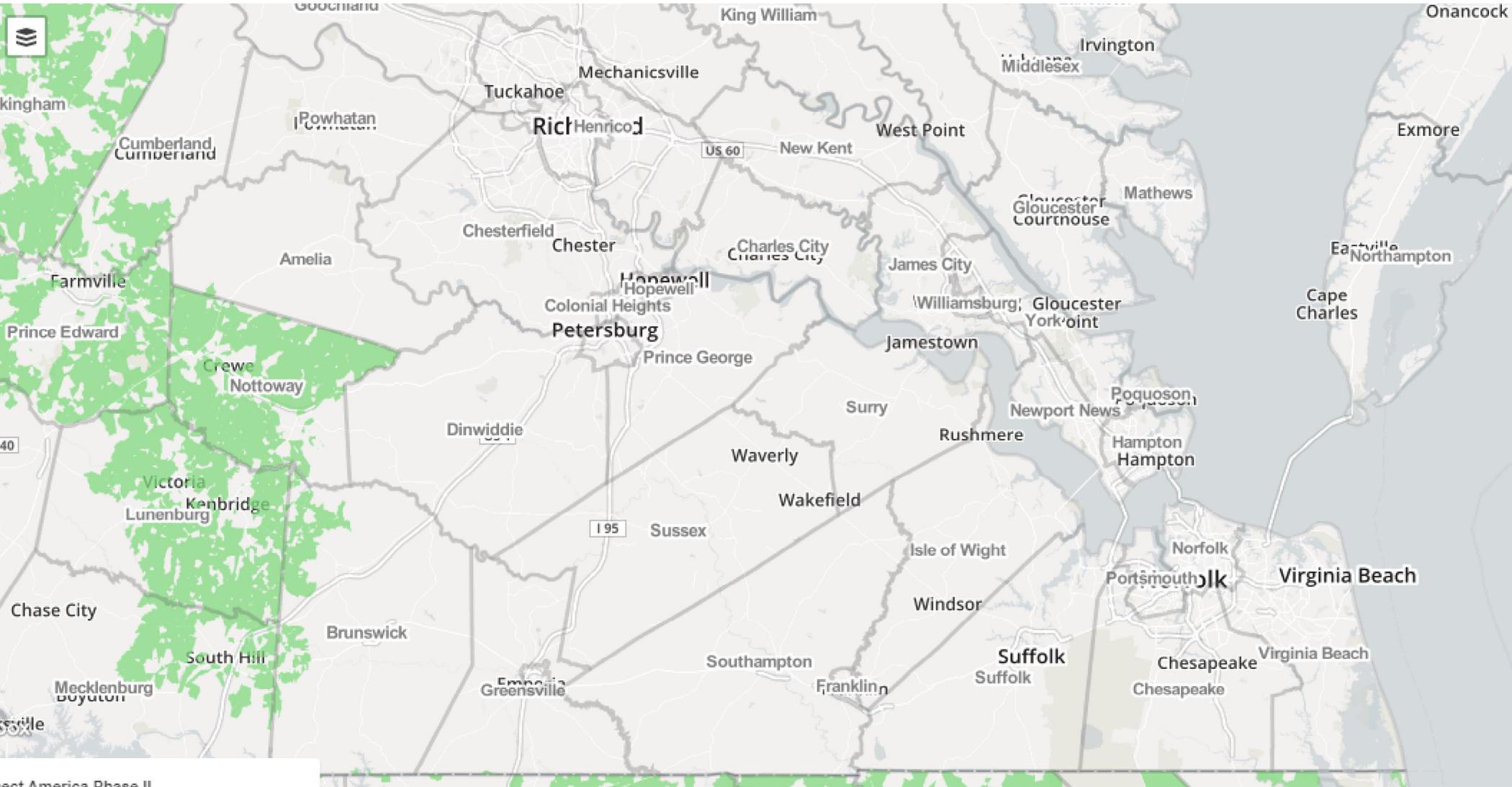
- Coverage Area
- Eligible Locations
- Annual Reserve Price
- Partially Eligible Blocks

Find address or place



Coverage Area Legend
Coverage Area





Part America Phase II

Supporting Documentation of Unserved Areas

Project	Residential	Businesses (non-home)	Businesses (home)	Community Anchors	Non Residential	Total Passings	Speed below 10/1
Vicksburg	6.00	0	2.00	1.00	0	9.0	9.0
Southwestern	15.00	0	1.00	0	0	16.00	16.00
Manning Farms	25.00	0	0	0	0	25.00	25.00
Whaleyville	369.00	0	15.00	7.00	0	391.00	391.00
TOTAL	441					441	441

Tech Code translation	DBA Name	Census Block FIPS Code	Max Advertised Downstream Speed (mbps)
Asymmetric xDSL	Verizon Virginia LLC	518000758011000	3.0 Mbps
		518000758011001	3.0 Mbps
		518000758011002	5.0 Mbps
		518000758011010	3.0 Mbps
		518000758011016	3.0 Mbps
		518000758011018	5.0 Mbps
		518000758011020	3.0 Mbps
		518000758011021	3.0 Mbps
		518000758011022	3.0 Mbps
		518000758011030	3.0 Mbps
		518000758021032	5.0 Mbps
		518000758021044	5.0 Mbps
		518000758021051	5.0 Mbps

https://broadbandmap.fcc.gov/#/location-summary?version=jun2019&lat=36.708108&lon=-76.605954&tech=acfosw&speed=25_3&vlat=36.70925958382905&vlon=-76.60574649999347&vzoom=12.34682166514314

2021 Virginia Telecommunication Initiative (VATI) Passing Form

Type of Passings	Total Number in Project Area	Number with Speeds at 10/1 or below in Project Area
Residential	441	441
Businesses (non-home based)	0	0
Businesses (home-based)	0	0
Community Anchors	0	0
Non-residential	0	0
Total Number of Passings	441	441

*Note: The Total Number of Passings **MUST** be equal to the Residential, Business (non-home based), Non-residential and Community Anchors sum.*

Definitions

Passing – any structure that can receive service.

Business – An organization or entity that provides goods or services in order to generate profit. Businesses based in residential homes can count if they are a registered business (BPOL, LLC, etc.).

Community Anchor - schools, libraries, medical and health care providers, public safety entities, community colleges and other institutions of higher education, and other community support organizations and agencies that provide outreach, access, equipment, and support services to facilitate greater use of broadband service by vulnerable populations, including low-income, unemployed, and the aged.

Non-Residential Passing – places of worship, federal, state, or local facilities or other potential customers that are neither a residence, business or a community anchor as defined above.

Project: City of
Suffolk

Task	Responsible Person	Responsible Entity	Prior	M1	M2	M3
DHCD Awards Grant	Patrick Roberts/City Manager	City of Suffolk				
Walkout	Thomas Jacobs	Charter/Spectrum				
Pole Application / Make Ready	Thomas Jacobs	Charter/Spectrum & AEP				
Mapping	Thomas Jacobs	Charter/Spectrum				
Design	Thomas Jacobs	Charter/Spectrum				
Permitting	Thomas Jacobs	Charter/Spectrum				
Construction	Thomas Jacobs	Charter/Spectrum				
Splicing	Thomas Jacobs	Charter/Spectrum				
Activation	Thomas Jacobs	Charter/Spectrum				
Customer Installation	Thomas Jacobs	Charter/Spectrum				
Project Close Out	Regina Chandler/Information Technology	City of Suffolk				

Project Team Members	Entity	Title
Eric Collins	Charter/Spectru	Director of Government Affairs
Thomas Jacobs	Charter/Spectru	Senior Manager of Construction
Regina Chandler	City of Suffolk	Assistant Director of Information Technology
Charlie Harcum	City of Suffolk/Network Manager	
Randah Gaitan	City of Suffolk	Senior Administrative Analyst
Timothy Kelly	City of Suffolk/Assistant Director of Media and Community Relations	

Memorandum of Understanding

This Memorandum of Understanding ("MOU") is made this ____ day of August, 2020 between the **City of Suffolk, Virginia** whose principal office is the Suffolk City Hall, 442 West Washington Street, Suffolk, Virginia 23434, hereinafter referred to as the "City", party of the first part, and **Spectrum Southeast LLC**, , 400 Atlantic St; Stamford CT 06901, hereinafter referred to as the "Provider", party of the second part.

It is mutually understood and agreed by the parties hereto that the Provider will perform the services and tasks as specified in the MOU Documents. The MOU Documents consist of: (i) the Request for Proposal titled Internet Service Providers for Unserved and Underserved Areas issued "DATE"; (ii) Proposal submitted by "DATE (the "Provider's Proposal"); (iii) Anti-collision/Nondiscrimination/Drug Free Workplace Clauses; (iv) Proof of Authority to Transact Business in Virginia; (v) Certificate of Insurance; and (vi) all of the proceedings by the governing body of the City pertaining to the subject matter of the MOU. The MOU Documents shall be deemed a part of the MOU by reference, as if each had been fully set out and attached hereto.

1. A. The Provider agrees to furnish and pay for all labor, materials, equipment, supplies, facilities, superintendence, insurance, taxes, permits and services necessary to perform all work set forth in the MOU documents. Provider shall retain all ownership rights in the network, materials, equipment, supplies and facilities that are part of this MOU. Provider reserves the right to modify the terms and conditions, data usage, speeds and pricing associated with any of Grantee's services, except that Grantee must at all times offer broadband services under the Grant in the Project Areas at speeds of at least 25 Mbps/3 Mbps, as further described in the Provider's Proposal.

Key personnel, project approach and all work shall be in accordance with the Provider's Proposal and all MOU Documents.

- B. The Provider shall comply with all applicable Federal, State and local laws and ordinances applicable to the work. Changes to any such laws or ordinances after the effective date of this MOU are the responsibility of the Provider at no additional cost to the City.

C. TERM

The term of the agreement shall commence on _____ and end on successful completion of all tasks as stated in the MOU Documents, contingent upon receiving sufficient funding from the Virginia Department of Housing and Community Developmental Services. This agreement shall be reviewed annually, modified as the parties agree, and executed by the parties each year, concluding on { }. In the event that a new agreement has not been executed at the end of the term of this agreement, then the then-current agreement shall remain in effect until superseded by the next annual agreement.

Grantee shall complete the Project prior to [REDACTED] ("Completion Date"), subject to Excusable Delay. Excusable Delay means a delay to the construction of the project that affects completion and is directly caused by (1) make-ready work that is not received by Grantee within one (1) month of Grantee's submission of a proper application for utility pole attachments; or (2) any delay in receiving governmental, regulatory and third party permits, licenses and approvals, despite Grantee's good faith efforts to secure timely approvals, or (3) due to any reason beyond the Grantee's the reasonable control, but not limited to, acts of God or of a public enemy, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, or unusually severe weather.

D. Provider will apply as a co-applicant for a Virginia Telecommunications Initiative 2021 Grant issued by the Virginia Department of Housing and Community Development at no cost to the City.

E. CHANGES AND ADDITIONS

It shall be the responsibility of the Provider to notify the City, in writing, of any necessary modifications or additions in the Scope of this MOU. Compensation for changes or additions in the Scope of this MOU will be negotiated and approved by the CITY, in writing.

Furthermore, it is understood and agreed by both parties that any work done by the Provider on such modification or addition to this MOU prior to the CITY'S execution of its standard MOU change order form shall be at the total risk of the Provider and said work may not be compensated by the City.

F. TERMINATION

The following provisions apply to termination under this Agreement, whether termination by the Department or by the Provider. The performance of work under this Agreement may be terminated in whole or in part for the following circumstances:

Termination for Convenience. This Agreement may be terminated by either party with thirty (30) days written notice. Said notice shall specify the reasons for requesting such termination. If the Department determines that continuation of the work will serve no useful public purpose, this Agreement may be terminated by the Department and the Subrecipient shall be entitled to necessary expenses incurred through the date of termination or the date services are last provided, whichever occurs first.

Termination for Cause. If, through any cause, the Provider shall fail to fulfill in a timely manner its obligations under this Agreement, or if the Provider shall violate any of the covenants, agreements or stipulations of this Agreement, and such failure or violation is not corrected within thirty (30) days after written notice is received by the Provider from the Department, the Department shall thereupon have the right to immediately terminate or suspend this Agreement by giving written notice to the Subrecipient of such termination or suspension and specifying the effective date thereof.

H. NON-APPROPRIATION- Availability of Funds

It is understood and agreed between the parties hereto that the City shall be bound and obligated hereunder only to the extent that the funds shall have been appropriated and budgeted for the purpose of this MOU. In the event funds are not appropriated and budgeted in any fiscal year for payments due under this MOU, the City shall immediately notify Provider of such occurrence and this MOU shall terminate on the last day of the fiscal year for which (an) appropriation(s) (was) were received without penalty or expense to the City of any kind whatsoever, except to pay the Provider for work already performed under this Agreement through the date of cancellation

I. ASSIGNMENT

Neither the City nor the Provider shall assign, sublet or transfer their right or obligations in the MOU without the written consent of the other; such consent shall not be unreasonably withheld. Assignment by the Provider to any current or future parent, subsidiary, or affiliate in connection with a corporate transaction shall require the consent of the City.

J. NOTICE

Any notice, demand, or request by or made pursuant to this MOU shall be deemed properly made is personally delivered in writing or deposited in the United States mail, postage prepaid, to the representative specified below or as otherwise designated in writing and mutually agreed.

Jay Smigielski
Purchasing Agent
442 W. Washington Street, Room 1086
Suffolk, Virginia 23434
jsmigielski@suffolkva.us

PROVIDER: Eric Collins
Director of Government Affairs
Charter Communications
6202 Raeford Road
Fayetteville, NC 28304
eric.collins@charter.com

The CITY'S Representative will be Regina Chandler, Assistant Director of Information Technology, (757) 514-7217, rmchandler@suffolkva.us or as otherwise designated in writing.

The PROVIDER's Representative shall be Eric Collins, Director of Government Affairs, (910) 401-5168 eric.collins@charter.com or as otherwise designated in writing and

accepted by the City in writing.

Nothing contained in this article shall be construed to restrict the transmission of routine communications between representatives of the Provider and the City.

K. CONFLICT OF INTEREST

Provider shall not accept or receive commissions or other payments from third parties for soliciting, negotiating, procuring, or effecting insurance on behalf of the CITY.

L. NON-DISCRIMINATION

During the performance of this MOU, the Provider agrees that it will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, service disabled veterans or any other basis prohibited by law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Provider. The Provider agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

Also, the Provider in all solicitations or advertisements for employees placed by or on behalf of the Provider, will state that the Provider is an equal opportunity employer.

Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.

The Provider will include the provisions of this nondiscrimination clause in every subcontractor or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor supplying services, goods or materials in connection with this MOU.

M. DRUG-FREE WORKPLACE REQUIREMENTS

During the performance of this MOU, the Provider agrees to (1) provide a drug-free workplace for the Provider's employees; (2) post in conspicuous place, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Provider's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (3) state in all solicitation or advertisement for employees placed by or on behalf of the Provider that the Provider maintains a drug-free workplace; and (4) include the provisions of the foregoing clauses in every subcontractor or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this section, "*drug-free workplace*" means a site for the performance of work done in connection with a specific MOU awarded to a Provider, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution,

dispensation, possession or use of any controlled substance or marijuana during the performance of the MOU.

N. INSURANCE

The Provider shall procure, maintain, and provide proof of, insurance coverage for injuries to persons and/or property damage as may arise from or in conjunction with, the work performed on behalf of the City by the Provider, his agents, representatives, employees or subcontractor. Proof of coverage as contained herein shall consist of all policies, endorsements, declaration pages, and certificates of insurance and shall be submitted fifteen (15) days prior to the commencement of work, and such coverage shall be maintained by the offeror for the duration of the MOU period; for occurrence policies. Claims made policies must be in force or that coverage purchased for two (2) years after delivery date.

1. General Liability

Coverage shall be as broad as: Comprehensive General Liability endorsed to include Broad Form, Commercial General Liability form including Products/Completed Operations.

Minimum Limits:

\$2,000,000 General Aggregate Limit
\$2,000,000 Products & Completed Operations
\$1,000,000 Personal and Advertising Injury
\$1,000,000 Each Occurrence Limit
\$ 50,000 Fire Damage Limit
\$ 5,000 Medical Expense Limit

2. Automobile Liability

Coverage sufficient to cover all vehicles owned, used, or hired by the offeror, his agents, representatives, employees or subcontractors.

Minimum Limits:

\$1,000,000 Combined Single Limit
\$ 5,000 Medical Expense Limit

3. Workers' Compensation

Limits as required by the Workers' Compensation Act of Virginia.
Employers Liability: \$100,000 / \$500,000 / \$100,000.

4. Umbrella/Excess Liability

\$2,000,000 umbrella/excess liability coverage

5. Coverage Provisions

- a. All deductibles or self-insured retention shall appear on the declaration pages, endorsements, and/or policies provided.
- b. The City of Suffolk, its' officers/officials, employees, agents and volunteers shall be added as "additional insured" as their interests may appear. A copy of all endorsements, declaration pages, and policies that address additional insured shall be provided. This provision does not apply to Professional Liability or Workers' Compensation/Employers' Liability.
- c. The bidder's insurance shall be primary over any applicable insurance or self-insurance maintained by the City.
- d. Shall provide thirty (30) days written notice to the City before any cancellation, suspension, or void of coverage in whole or part, where such provision is reasonable.
- e. All coverage for subProviders of the offeror shall be subject to all of the requirements stated herein.
- f. Failure to comply with any reporting provisions of the policy(s) shall not affect coverage provided the City, its' officers/officials, agents, employees and volunteers.
- g. The insurer shall agree to waive all rights of subrogation against the City, its' officers/officials, agents, employees or volunteers for any act, omission or condition of premises which the parties may be held liable by reason of negligence.
- h. The bidder shall furnish the City with all certificates of insurance, endorsements, declaration pages, and policies affecting coverage. All documents are to be signed by a person authorized by the insurance company(s) to bind coverage on its' behalf, if executed by a broker, notarized copy of authorization to bind, or certify coverage must be attached.
- i. All insurance shall be placed with insurers maintaining an A.M. Best rating of no less than an A:VII. If A.M. Best rating is less than A:VII, approval must be received from City's Risk Manager.
- j. All coverage designated herein shall be as broad as the Insurance Services Office (ISO) forms filed for use with the Commonwealth of Virginia.

O. INDEMNIFICATION

Provider shall defend and indemnify the City, and the City's employees, agents, and volunteers, from and against any and all damage claim, liability, cost, or expense (including, without limitation, attorney's fees and court costs) of every kind and nature (including, without limitation, those arising from any injury or damage to any person, property or business) incurred by or claimed against the Provider, its employees, agents,

and volunteers, or incurred by or claimed against the City, the City's employees, agents, and volunteers, arising out of, or in connection with, the performance of all services hereunder by the Provider. This indemnification includes, but is not limited to, any financial or other loss, including, but not limited to, any adverse regulatory, agency or administrative sanction or civil penalties, incurred by the City due to the negligent, fraudulent or criminal acts of the Provider or any of the Provider's officers, shareholders, employees, agents, sub-Providers, or any other person or entity acting on behalf of the Provider. Unless otherwise provided by law, the Provider indemnification obligations hereunder shall not be limited in any way by the amount or type of damages, compensation, or benefits payable by or for the Provider under workers' compensation acts, disability benefit acts, other employee benefit acts, or benefits payable under any insurance policy. This paragraph shall survive the termination of the MOU including any renewal or extension thereof.

Q. COMPLIANCE WITH FEDERAL IMMIGRATION LAW

Provider does not, and shall not during the performance of the MOU for goods and services in the Commonwealth knowingly employ an unauthorized alien as defined in the Federal Immigration Reform and Control Act of 1986.

R. SEVERABILITY

If any part, term, or provision of this MOU, shall be found by the Court to be legally invalid or unenforceable, then such provision or portion thereof, shall be performed in accordance with applicable laws. The invalidity or unenforceability of any provision or portion of any MOU document shall not affect the validity of any other provision or portion of the MOU document.

S. CONTROLLING LAW; VENUE, PENDING/DURING LITIGATION

This MOU is made, entered into, and shall be performed in the City of Suffolk, Virginia, and shall be governed by the applicable laws of the Commonwealth of Virginia without regard to its conflict of law rules. In the event of litigation concerning this MOU, the parties agree to the exclusive jurisdiction and venue of the Circuit Court of the City of Suffolk, Virginia; however, in the event that the federal court has jurisdiction over the matter, then the parties agree to the exclusive jurisdiction and venue of the U.S. District Court for the Eastern District of Virginia, Norfolk Division.

The Provider shall not cause a delay in services because of the pending or during litigation proceedings, except with the express, written consent of the CITY or written instruction/order from the Court.

T. COMPLIANCE WITH STATE LAW; FOREIGN AND DOMESTIC BUSINESSES
TRANSACTIONING BUSINESS IN THE COMMONWEALTH

A bidder or offeror organized or authorized to transact business in the Commonwealth

pursuant to Title 13.1 or Title 50 is to include in its bid or proposal the identification number issued to it by the State Corporation Commission. Any bidder or offeror that is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 or as otherwise required by law shall include in its bid or proposal a statement describing why the bidder or offeror is not required to be so authorized. A public body may void any MOU with a business if the business fails to remain in compliance with the provisions of this section.

U. ENTIRE MOU

This MOU comprises the entire understanding between the parties and cannot be modified, altered or amended, except in writing and signed by all parties.

V. WAIVER

The failure by one party to require performance of any provision of this MOU shall not affect that party's right to require performance at any time thereafter, nor shall a waiver of any breach or default of the MOU constitute a waiver of any subsequent breach or default or a waiver of the provision itself.

SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF, the parties hereto have executed and sealed this AGREEMENT as of the day and year first above written.

CITY OF SUFFOLK, VA

 **Charter Communications**

BY: _____
Patrick Roberts
City Manager

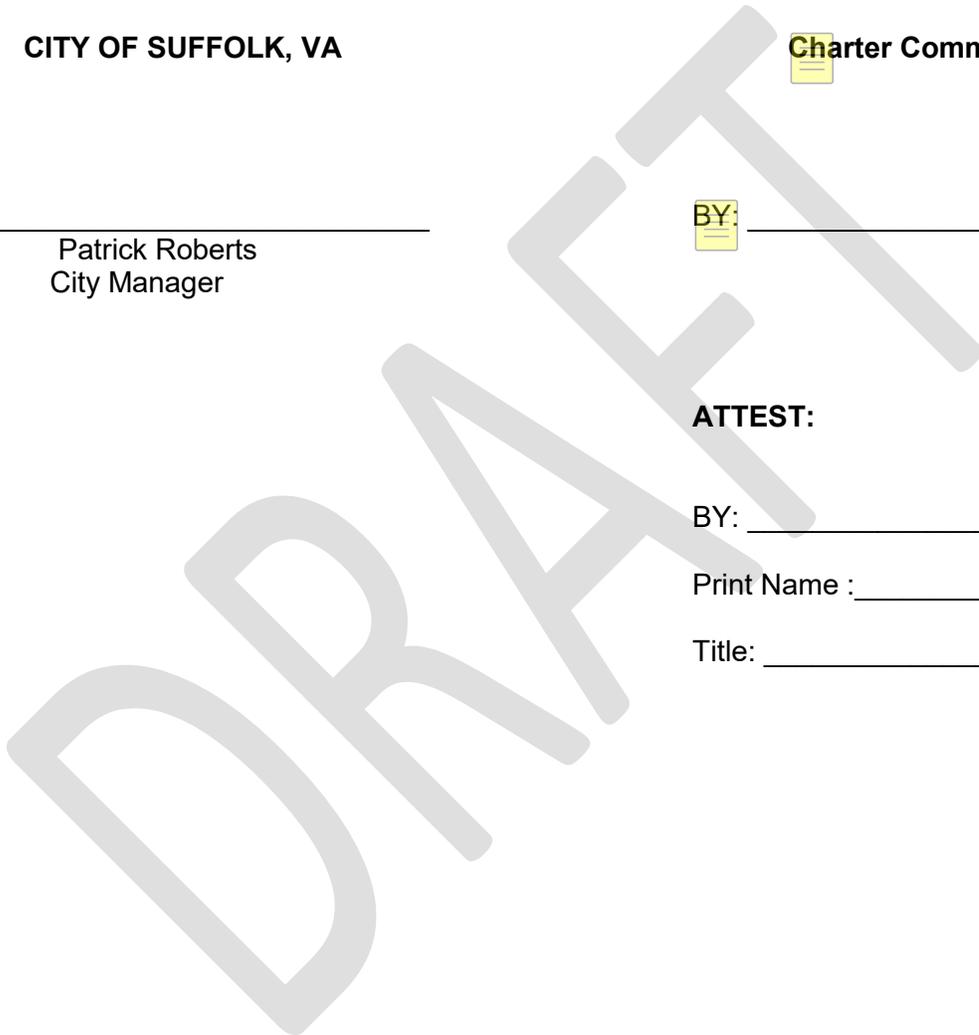
 BY: _____

ATTEST:

BY: _____

Print Name : _____

Title: _____



VATI FUNDING SOURCES TABLE

Please fill in the chart below with a description of the project funding source (local, federal, state, private, other), the amount from that source, the percentage of total project funding that source represents, and a description of the current status of the funds (pending, secured, etc.).

Source	Amount	%	Status
REQUESTED VATI	\$ 2,524,778	80%	Pending
Charter Communications (PRIVATE)	\$ 631,194	20%	SECURED PENDING AWARD
			SECURED PENDING AWARD
CITY OF SUFFOLK	IN KIND		SECURED PENDING AWARD
	\$		
	\$		
	\$		
TOTAL	\$ 3,155,972	100 %	

VATI FUNDING SOURCES TABLE

Please fill in the chart below with a description of the project funding source (local, federal, state, private, other), the amount from that source, the percentage of total project funding that source represents, and a description of the current status of the funds (pending, secured, etc.).

Source	Amount	%	Status
REQUESTED VATI	\$ 2,524,778	80%	Pending
Charter Communications (PRIVATE)	\$ 631,194	20%	SECURED PENDING AWARD
			SECURED PENDING AWARD
CITY OF SUFFOLK	IN KIND		SECURED PENDING AWARD
	\$		
	\$		
	\$		
TOTAL	\$ 3,155,972	100 %	



COMMONWEALTH OF VIRGINIA

HOUSE OF DELEGATES
RICHMOND

EMILY M. BREWER
POST OFFICE BOX 5
SMITHFIELD, VIRGINIA 23431

SIXTY-FOURTH DISTRICT

COMMITTEE ASSIGNMENTS:
GENERAL LAWS
APPROPRIATIONS
COMMUNICATIONS, TECHNOLOGY
AND INNOVATION

July 30, 2020

Mr. Erik Johnston
Director
Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

Mr. Johnston,

I am writing to strongly support the City of Suffolk's VATI grant application for broadband funding. A majority of the rural communities within Suffolk do not have broadband, and this plan will bring access to all. Implementing this plan will enable all citizens to join the rest of Hampton Roads and Virginia, where families can access the internet from their home.

As a prior member of the Broadband Advisory Council, I am very familiar with the VATI program and I entirely support its plans and goals. Suffolk's project aligns with the Commonwealth's goal of bringing broadband access to every Virginian and, again, I strongly support and endorse Suffolk's VATI grant application.

Sincerely,

A handwritten signature in blue ink that reads "Emily Brewer".

Emily Brewer
Virginia House of Delegates, 64th District



**COMMONWEALTH OF VIRGINIA
HOUSE OF DELEGATES
RICHMOND**

**CLINTON L. JENKINS
POST OFFICE BOX 4305
SUFFOLK, VIRGINIA 23439
SEVENTY-SIXTH DISTRICT**

**COMMITTEE ASSIGNMENTS:
COUNTIES, CITIES AND TOWNS
PUBLIC SAFETY
COMMUNICATIONS, TECHNOLOGY
AND INNOVATION**

July 27, 2020

Mr. Erik Johnston, Director
Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

Dear Mr. Johnston:

Thank you for the opportunity to voice my support for the City of Suffolk's Virginia Telecommunication Initiative (VATI) grant application.

As a resident of Suffolk, I have witnessed Suffolk's achievements in economic growth and development, and continued improvements towards educational opportunities. Unfortunately, Suffolk's ability to reach its full potential is hindered due to the unavailability or limited access to broadband services in underserved, and less dense rural areas throughout the city. Due to the impacts of COVID-19 on citizens, schools, students, and businesses, the City of Suffolk realizes more now than ever, just how paramount broadband service access is.

Because broadband provides access to healthcare, online banking, online learning, and home-based businesses, Suffolk's rural citizens and business owners suffer daily from the impacts of their slow, sporadic or lack of broadband connectivity. The incumbent provider has chosen not to bring their broadband service to every home in Suffolk because it simply is not financially feasible or profitable. Suffolk's VATI grant application will provide a plan to bring broadband access to the remaining unserved or underserved citizens and businesses in rural Suffolk and will enable these citizens to access the Internet from their homes and businesses. As seen in today's current climate, our school age population will feel the negative effects of the lack of connectivity for years to come.

Suffolk's project will utilize the most trusted technology to provide broadband service in the most affordable manner possible. Again, I strongly support and endorse Suffolk's VATI grant application.

Thank you for your consideration. Feel free to contact me with any additional questions.

Regards,

Clinton Jenkins
Member
Virginia House of Delegates



SUFFOLK PUBLIC SCHOOLS



Dr. John B. Gordon III, Superintendent

100 North Main Street

P.O. Box 1549

Suffolk, VA 23439 1549

757-925-6750 (Phone) 757- 925-2421 (Fax)

August 17, 2020

Mr. Erik Johnston, Director
Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2021 – City of Suffolk Broadband Expansion

Dear Mr. Johnston:

On behalf of the Suffolk City Public Schools, I am writing in support of the City of Suffolk and Charter Communication's 2021 application for VATI grant funds. The City of Suffolk Public Schools offers its enthusiastic support of this initiative on behalf of our entire city, and especially that of the students, teachers, and staff.

Suffolk City Public Schools is currently met with a variety of challenges amid the COVID-19 pandemic and our rural areas are of those most affected by the digital divide. Our school division serves approximately 14,265 students in grades PK-12. The vision of our district is that all students will become life-long learners equipped with the skills, knowledge, and attitudes to succeed as productive citizens in a local, national and global society. Our schools are fully accredited by the Virginia Department of Education as we offer a variety of opportunities and programs to our students ranging from Gifted Education, JROTC, Career and Technical Education, International Baccalaureate Diploma (IB), Project Lead the Way (PLTW) Engineering and Biomedical Science, to professional certifications through our College and Career Academy at Pruden.

As we fulfill our mission to partner with the community, provide an effective educational experience, and prepare every student to find success in our complex society; we need help in reaching ALL of our students virtually during new normal of education and this grant will allow the City of Suffolk and Carter Communications the ability to provide services to our students in our extremely rural areas.

VA Telecommunications Initiative (VATI) 2021 –
City of Suffolk Broadband Expansion
August 17, 2020
Page 2

Although we all would like our students to be back in school in the traditional face to face model, it is clear that there are too many risks at this time. In order to make sure our students are well educated and prepared for their future, we are asking for your help by approving the City of Suffolk and Charter Communication's 2021 application for VATI grant funds so that we will be fully prepared to support our division virtually.

Thank you for this opportunity and your careful review of the grant application.

Sincerely,



Dr. John B. Gordon III
Division Superintendent

CDBG Derivation of Cost

Product	Total	VATI	Non-VATI	Source of Estimate	Date
EXAMPLE					
<u>Construction</u>					
<i>200 LF of fiber @\$150/LF</i>	\$30,000	\$15,000	\$15,000	Company A	9/5/2016
<i>Tower</i>	\$100,000	\$80,000	\$20,000	Company B	9/5/2016
<i>Engineering</i>	\$20,000	\$0	\$20,000	ABC Engineering Firm	9/5/2016

Product	Total	VATI	Non-VATI	Source of Estimate	Date
Labor Costs for Proposed Areas	\$ 2,010,860	\$ 1,608,688	\$ 402,172	Charter Communications	8/15/2020
Material Cost for Proposed Areas	\$ 1,145,112	\$ 916,090	\$ 229,022	Charter Communications	8/15/2020
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		

CDBG Derivation of Cost

	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		
	\$ -	\$ -	\$ -		

CDBG Derivation of Cost

30000

CDBG Derivation of Cost

Type	Resource	Mfg	Series	Model	Part No.	Total per node	Total for project	Cost per unit	Total
AMPLIFIER	870_NEW	C-COR	FEEDER	FM331TLC		8			
AMPLIFIER	870_NEW	C-COR	FEEDER	FM331ALC		3			
AMPLIFIER	870_NEW	C-COR	TRUNK	FMT901		3			
AMPLIFIER	870_NEW	C-COR	TRUNK	FMB901		1			
AMPLIFIER	870_NEW	C-COR	C-COR_NODES	OM4100		1			
COAXCABLE	870_NEW	COMMSCOPE	P3	875P3		7732			
COAXCABLE	870_NEW	COMMSCOPE	P3	625P3		11774			
COAXCABLE	870_NEW	COMMSCOPE	COMMSCOPE_UPGRADE_0	NB_CO_P3_A_625		1098			
COAXCABLE	870_NEW	COMMSCOPE	COMMSCOPE_UPGRADE_0	NB_CO_P3_U_625		428			
COAXCABLE	870_NEW	COMMSCOPE	COMMSCOPE_UPGRADE_0	OL_CO_P3_A_875		359			
COAXCABLE	870_NEW	COMMSCOPE	COMMSCOPE_UPGRADE_0	OL_CO_P3_A_625		1458			
COAXCABLE	870_NEW	COMMSCOPE	COMMSCOPE_UPGRADE_0	RB_CO_P3_A_625		273			
COAXCABLE	870_NEW	COMMSCOPE	COMMSCOPE_UPGRADE_0	DR_CO_P3_A_625		371			
CONNECT	870_NEW	PPC		500P3		116			
CONNECT	870_NEW	CO		625P3		30			
CONNECT	870_NEW	PPC		750P3		24			
CONNECT	870_NEW	CO		875P3		2			
CONNECT		UKNMFPG		HSE-HSE		19			
CONNECT		UKNMFPG		HSE-TRM		16			
EQUAL	870_NEW	CCOR	MEQ42		2	6			
EQUAL	870_NEW	CCOR	MEQ42		3	6			
EQUAL	870_NEW	CCOR	MEQ42		4	2			
EQUAL	870_NEW	CCOR	MEQ42		5	1			
EQUAL	870_NEW	C-COR	SEQ-862		0	1			
EQUAL	870_NEW	C-COR	SEQ-862		3	1			
EQUAL	870_NEW	C-COR	SEQ-862		6	1			
EQUAL	870_NEW	C-COR	SEQ-862		7	1			
EQUAL	870_NEW	C-COR	SEQ-862		8	4			
EQUAL	870_NEW	C-COR	SEQ-862		9	4			
EQUAL	870_NEW	C-COR	SEQ-862		10	2			
EQUAL	870_NEW	C-COR	SCS-862	C2		1			
PADS	870_NEW	C-COR	NPB		4	1			
PADS	870_NEW	C-COR	NPB		5	5			
PADS	870_NEW	C-COR	NPB		6	3			
PADS	870_NEW	C-COR	NPB		7	1			
PADS	870_NEW	C-COR	NPB		8	3			
PADS	870_NEW	C-COR	NPB		9	4			
PADS	870_NEW	C-COR	NPB		10	8			
PADS	870_NEW	C-COR	NPB		11	2			
PADS	870_NEW	C-COR	NPB		12	1			
PADS	870_NEW	C-COR	NPB		13	2			
POWERINSERTER	870_NEW	ANTRONIX	TRUNK	MGPIH-2000		1			
COAXSPLITTER2WAY	870_NEW	ANTRONIX	FEEDER	MGDCH-2108F		6			
COAXSPLITTER2WAY	870_NEW	ANTRONIX	FEEDER	MGLSH-2F		2			
COAXSPLITTER2WAY	870_NEW	CCOR	FPLUGINS	DC-8		1			
TAP	870_NEW	ANTRONIX	MGT 2200	MGT 2223		20			
TAP	870_NEW	ANTRONIX	MGT 2200	MGT 2220		7			
TAP	870_NEW	ANTRONIX	MGT 2200	MGT 2217		6			
TAP	870_NEW	ANTRONIX	MGT 2200	MGT 2214		9			
TAP	870_NEW	ANTRONIX	MGT 2200	MGT 2211		7			
TAP	870_NEW	ANTRONIX	MGT 2200	MGT 2208		2			
TAP	870_NEW	ANTRONIX	MGT 2200	MGT 2204		3			
TAP	870_NEW	ANTRONIX	MGT 2400	MGT 2423		2			
TAP	870_NEW	ANTRONIX	MGT 2400	MGT 2420		2			
TAP	870_NEW	ANTRONIX	MGT 2400	MGT 2414		4			
TAP	870_NEW	ANTRONIX	MGT 2400	MGT 2411		2			
TAP	870_NEW	ANTRONIX	MGT 2400	MGT 2408		1			
TAP	870_NEW	ANTRONIX	MGT 2800	MGT 2821		2			
Conduit	870_NEW	Various	2" Conduit	Count		18480			
Fiber	870_NEW	Various	144 count fiber	Fiber		9240			
Fiber splice case	870_NEW	Various	D fiber splice case	Fiber tray		6			
PEDS	870_NEW	Various	Ped 09IN x20IN LtGR B1Brkt Hasp w/Self Lock (TAP/SPLITTER PED	PED		27			
WIRE		Various	Lashing Wire	.038 lashing wire		32			
		Alpha	PS UPS XM3 1350 90V OUT 15A 120VIN 36VDC HP SAG	PS Module		1			
		Alpha	Enclosure PS 6 Batt UPE-6-240/120-20-BTB-UMB-LAP-BCK XM2/3	PS Housing		1			
		Alpha	Precast Pad			1			
		Alpha	Gel Cell Batteries			6			

\$ 1,145,026.93



(RETAIN FOR YOUR RECORDS)
Form 477 Filing Summary

FRN: 0025646373 | Data as of: Dec 31, 2019 | Operations: Non-ILEC | Submission Status: Revised - Submitted | Last Updated: Apr 29, 2020 17:23:24

Filer Identification

Section	Question	Response
Filer Information	Company Name	Charter Communications, Inc.
	Holding Company Name	Charter Communications
	SAC ID	
	499 ID	
Data Contact Information	Data Contact Name	Denise J. Williams
	Data Contact Phone Number	(214) 526-8397
	Data Contact E-mail	denise.williams3@charter.com
Emergency Operations Contact Information	Emergency Operations Name	Charter Network Operations Center
	Emergency Operations Phone Number	(866) 248-7662
	Emergency Operations E-mail	dlnoc@charter.com
Certifying Official Contact Information	Certifying Official Name	Suzanne Curtis
	Certifying Official Phone Number	(203) 905-7819
	Certifying Official E-mail	suzanne.curtis@charter.com

Data Submitted

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	CH_477_DEPLOYMENT_04_29_2020_AMENDED_10.csv	Apr 29, 2020 13:51:37	239042
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_9.csv	Apr 29, 2020 13:51:37	239043
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_8.csv	Apr 29, 2020 13:51:36	239042
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_7.csv	Apr 29, 2020 13:51:36	239043
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_6.csv	Apr 29, 2020 13:51:36	239043
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_5.csv	Apr 29, 2020 13:51:35	239042
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_4.csv	Apr 29, 2020 13:51:35	239043
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_3.csv	Apr 29, 2020 13:51:35	239042
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_2.csv	Apr 29, 2020 13:51:34	239043
	CH_477_DEPLOYMENT_04_29_2020_AMENDED_1.csv	Apr 29, 2020 13:51:34	239043
Fixed Broadband Subscription	201912_TotalCompany477Internet.txt	Apr 29, 2020 13:18:40	381623



(RETAIN FOR YOUR RECORDS)
Form 477 Filing Summary

FRN: 0025646373 | Data as of: Jun 30, 2019 | Operations: Non-ILEC | Submission Status: Revised - Submitted | Last Updated: May 4, 2020 16:13:12

Filer Identification

Section	Question	Response
Filer Information	Company Name	Charter Communications, Inc.
	Holding Company Name	Charter Communications
	SAC ID	
	499 ID	
Data Contact Information	Data Contact Name	Denise J. Williams
	Data Contact Phone Number	(214) 526-8397
	Data Contact E-mail	denise.williams3@charter.com
Emergency Operations Contact Information	Emergency Operations Name	Charter Network Operations Center
	Emergency Operations Phone Number	(866) 248-7662
	Emergency Operations E-mail	dlnoc@charter.com
Certifying Official Contact Information	Certifying Official Name	Suzanne Curtis
	Certifying Official Phone Number	(230) 905-7819
	Certifying Official E-mail	suzanne.curtis@charter.com

Data Submitted

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	CH_COMBINED_477_DEPLOYMENT_DATA_FILING_UPDATE2_06_2019_9.csv	May 4, 2020 15:41:44	237582
	CH_COMBINED_477_DEPLOYMENT_DATA_FILING_UPDATE3_06_2019_10.csv	May 4, 2020 15:27:14	237582
	CH_COMBINED_477_DEPLOYMENT_DATA_FILING_UPDATE_06_2019_3.csv	May 4, 2020 14:24:45	237584
	CH_COMBINED_477_DEPLOYMENT_DATA_FILING_UPDATE_06_2019_4.csv	May 4, 2020 14:24:45	237584
	CH_COMBINED_477_DEPLOYMENT_DATA_FILING_UPDATE_06_2019_5.csv	May 4, 2020 14:24:45	237584
	CH_COMBINED_477_DEPLOYMENT_DATA_FILING_UPDATE_06_2019_1.csv	May 4, 2020 14:24:45	237584
	CH_COMBINED_477_DEPLOYMENT_DATA_FILING_UPDATE_06_2019_7.csv	May 4, 2020 14:24:45	237584