Application to DHCD Submitted through CAMS

HRPDC-Hampton Roads Planning

HRPDC Universal Broadband for Suffolk, Isle of Wight, and Southampton 2022

Application ID:	86508172021125027
Application Status:	Pending
Program Name:	Virginia Telecommunications Initiative 2022
Organization Name:	HRPDC-Hampton Roads Planning
Organization Address:	District Commission Chesapeake, VA 23320-8909
Profile Manager Name:	Sheila Wilson
Profile Manager Phone:	(757) 420-8300
Profile Manager Email:	wilsons@hrpdcva.gov
Project Name:	HRPDC Universal Broadband for Suffolk, Isle of Wight, and Southampton 2022
Project Contact Name:	John Harbin
Project Contact Phone:	(757) 420-8300
Project Contact Email:	jharbin@hrpdcva.gov
Project Location:	723 Woodlake Drive Chesapeake, VA 23320-8909
Project Service Area:	Isle of Wight County, Southampton County, Suffolk City
Total Requested Amount:	$22,761,076.00
Required Annual Audit Status:	Accepted

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Budget Information:

Cost/Activity Category	DHCD Request	Other Funding	Total
Telecommunications	**$22,761,076.00**	**$14,531,023.00**	**$37,292,099.00**
Construction	$14,350,611.00	$9,161,652.00	$23,512,263.00
Construction Related Soft Costs	$8,410,465.00	$5,369,371.00	$13,779,836.00
Total:	**$22,761,076.00**	**$14,531,023.00**	**$37,292,099.00**

Budget Narrative:

Because it is not practical to distinguish which specific miles of fiber or related capital expenses will be funded by VATI funds vs. other funds, cost categories are allocated on a percentage basis. We are requesting VATI funds to support 61% of the total project costs. Construction costs include: construction materials, construction labor, and special construction costs. Construction related soft costs include: permitting - traffic control, make ready, survey and design, and grant administration. All costs are set forth in Attachment 12 – Derivation of Costs.

Questions and Responses:

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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:

This project is a regional initiative being pursued jointly by the City of Suffolk, Isle of Wight County, and Southampton County (the "Participating Localities"), Spectrum Southeast, LLC, by its manager Charter Communications, Inc. ("Spectrum" or "Charter"), and the Hampton Roads Planning District Commission (HRPDC). The Participating Localities and Charter formed a Steering Committee in the spring of 2021 to develop a comprehensive strategy to achieve last-mile fiber-to-the-premises Ethernet passive optical network ("FTTP EPON") to all unserved locations. The HRPDC joined the Steering Committee in the summer of 2021 to integrate local efforts into the regional plan for universal broadband, facilitate partnerships to increase availability, and harness the opportunities presented by the subsea cables arriving in Virginia Beach and the middle-mile regional fiber ring under development by the Southside Network Authority.

The project area consists of locations throughout the Participating Localities that are currently unserved by any provider or underserved, relative to the provision of "broadband" internet as defined under VATI Guidelines. The project area includes Rural Development Opportunity Fund (RDOF) blocks awarded to Charter. The proposed network expansion into the project area includes building 2,000 miles of fiber to connect over 12,000 homes, businesses, schools, and other community anchors. Most of the project area represents rural portions of the Participating Localities where the cost of broadband connection has been deemed prohibitive without grant assistance. When combined with existing areas of broadband service, this project will achieve universal coverage of broadband services for the Participating Localities.

The project area was identified and selected not just because of its lack of broadband service, but because of the immense benefits that will be realized from the deployment of FTTP, including modern community and economic development that enhances access to healthcare, education, and workforce development opportunities and encourages an entrepreneurial economy that allows existing small and home-based businesses to expand and compete globally. Furthermore, the over 500 farmers that call this area home will be able to harness the full potential of new equipment, including data management through cloud-based sharing directly from the equipment to devices, improved efficiency using guidance systems, and allowing remote access to service providers to diagnose problems before having to pay for travel time to the field. The Participating Localities are also situated within one of the most unique areas in the state, with their proximity to the Port of Virginia's logistics industry, defense industries, and an array of other booming industries in search of vacant land and commercial space to build on and expand into where the availability of broadband is essential for employers and employees.

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:

The primary broadband provider in the three Participating Localities is Charter Communications. To understand competitive serviceability of other existing providers, the latest FCC 477 data from June 2020 was used. FCC 477 data was assessed for the Census Blocks in the project area for both Wireline and Fixed Wireless providers (satellite providers were excluded). Given known timing lags and gaps in the FCC data, serviceability checks were also performed at an address level on provider websites, when possible. Address spot checks are used to verify and cross-check FCC data. For providers that may not yet be in the FCC 477 data, publicly available maps were used as additional sources to understand new construction in progress.

Isle of Wight County:

The FCC 477 data shows Verizon DSL offered in 34 Census Blocks of the proposed project area of Isle of Wight County across 258 build locations. In all Census Blocks, the maximum speed in the block is below 25/3 and the majority are at/below 10Mbps. Spot checks on Verizon's website confirm that FCC data appears representative as most addresses checked came back as Phone Only or <10Mbps DSL serviceable.

City of Suffolk:

The FCC 477 data shows Verizon DSL in 11 Census Blocks of the proposed project area of the City of Suffolk across 53 build locations. In all Census Blocks, the maximum speed in the block is below 25/3 and the majority are at/below 10Mbps. Spot checks on Verizon's website confirm that FCC data appears representative as most addresses checked came back as Phone Only or <10Mbps DSL serviceable.

Southampton County:

The FCC 477 data shows Verizon DSL offered in 14 Census Blocks in the proposed project area of Southampton County across 157 build locations. For all Census Blocks, the maximum speed offered in the block is reported as <25Mbps with the majority at/below 10/1. Spot checks on Verizon's website confirm that FCC data appears representative as most addresses checked came back as Phone Only or <10Mbps DSL serviceable.

Staff of the Participating Localities have also spoken directly with residents and businesses and verified that there are no other providers that are not satellite providers.

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, Community Connect, and Rural Digital Opportunity Funds (RDOF). If there have been federal funds awarded near the project area(s), provide a map showing these areas, verifying the proposed project area does not conflict with these areas. Do not include areas awarded to satellite broadband providers. Label Map: Attachment 2 – Documentation on Federal Funding Area.

Answer:

Rural Digital Opportunity Funds (RDOF) were awarded to various entities for designated Census Blocks in each of the Participating Localities. Prince George Electric Cooperative was also awarded Connect America Funds II program funding in 2018 for a small area of Isle of Wight County. The award areas do not overlap or conflict with the proposed areas identified for service through this grant application and contribute to universal coverage in the Participating Localities. All award areas are shown in Attachment 2 – Documentation of Federal Funding Area.

4. Describe if any blocks awarded in Rural Digital Opportunity Fund (RDOF), excluding those awarded to satellite internet service providers, are included in the VATI application area. If RDOF areas awarded to terrestrial internet service providers are included in the VATI application, provide a map of these areas and include information on number of passings in RDOF awarded areas within the VATI application area, and Census Block Group ID number for each block group in the project area. Label Attachment: Attachment 3 – RDOF Awarded Areas Form in VATI Area

Answer:

There are 34 RDOF Census Block Groups awarded to terrestrial internet service providers in the project area – 28 of those awarded to CCO Holdings, LLC who is a subsidiary of Charter, six were awarded to Rural Electric Cooperative Consortium, and two were awarded to Connect Everyone, LLC. CCO Holdings, LLC award area comprises 98.2% of all RDOF awarded blocks in the Participating Localities and are included in the project area.

Census Block Group ID Numbers: 510932802001, 510932802002, 510932802003, 510932802004, 510932803001, 510932803002, 510932803003, 510932804001, 510932804002, 510932804003, 510932804004, 511752001001, 511752001002, 511752002001, 511752002002, 511752004001, 511752005001, 511752005002, 518000753023, 518000754051, 518000754052, 518000756021, 518000757032, 518000758011, 518000758013, 518000758021, 518000758022, 518000758032, 518000751012, 518000752042, 510932801011, 510932801012, 511752003001, 518000758012

5. Overlap: To be eligible for VATI, applicants must demonstrate that the proposed project area(s) is unserved. An unserved area is defined as an area with speeds below 25/3 mbps and with less than 25% service overlap within the project area for wireless projects and 10% for wireline projects. 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 4 – Documentation Unserved Area VATI Criteria.

Answer:

As previously mentioned, the only other service provider in the project area is Verizon DSL with a maximum speed reported as <25Mbps and the majority of serviceable passings at or below 10/1 Mbps.

The Participating Localities regularly receive citizen requests for broadband service in areas are that currently unserved. These requests are tracked, mapped, and shared with Charter. Charter compares this information with their current service area to verify if their service or that of other providers is available. Over the last year, Charter has developed a refined service area and identified gaps that are included in the project area.

The project area does overlap with Charter’s current service footprint based on 477 census block data provided in the Virginia Broadband Availability Map. In accordance with 477 filings, an entire census block is defined as being served if at least one home is served within that census block. This results in census blocks that are almost completely unserved by Charter despite 477 data (and the Virginia Broadband Availability Map) indicating the census block as being served. Within the Participating Localities, Charter is the sole provider in each census block but not all homes within the block are currently served. Since the objective of this project is to achieve universal coverage for all households in each of the three Participating Localities, this application must include served census blocks to provide service to unserved homes. The proposed VATI passings do not overlap with any adequately served households or streets and this project does not overbuild or overlap with Charter’s existing service footprint.

6. 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 5 – Passings Form.
   a. Of the total number of VATI passings, provide the number of residential, business, non-residential, and community anchors in the proposed project area. (Up to 10 points for businesses and community anchor institutions)

   b. If applicable, of the total number of RDOF passings, provide the number of residential, business, non-residential, and community anchors in the proposed project area.

   c. If applicable, provide the number of passings that will require special construction costs, defined as a one-time fee above normal service connection fees required to provide broadband access to a premise . Describe the methodology used for these projections.

   d. If applicable, provide the number of passings included in the application that will receive broadband access because special construction costs have been budgeted in the VATI application. Describe the methodology used for determining which passings with special construction costs were budgeted in the application.

   e. Provide the number of passings in the project area that have 10/1 mbps or less. Describe the methodology used for these projections. (up to 15 points)

Answer:

There are 12,684 total passings in the project area – 7,471 passings in RDOF awarded area and 5,213 passings in VATI area. To determine total passings, the awarded RDOF areas and proposed VATI service areas were cross-referenced using address databases available through each of the Participating Localities Geographic Information Systems. The resulting passings data was then reviewed and analyzed by staff from the Participating Localities to ensure accuracy and account for unique conditions.

a. To determine the number of businesses, non-residential, and community anchors in the project area, active business registrations and local GIS data were cross-referenced with the passings data in the project area. This analysis indicated that the project area contains 183 non-home based businesses, 653 businesses believed to be home-based, 2 community anchors, and 21 other non-residential passings.

b. To determine the number of businesses, non-residential, and community anchors in the project area, active business registrations and local GIS data were cross-referenced with the Census Blocks awarded to COO Holdings, LLC in the project area. This analysis indicated that the project area contains 36 non-home based businesses, 497 businesses believed to be home-based, and 62 other non-residential passings.

c. N/A

d. Based on analysis performed by Charter, there are 547 passings that will require special construction costs. The methodology for this analysis is being delivered under separate transmittal directly to DHCD from Charter due to its proprietary nature.

e. Based on a detailed comparison of competitor research and field data, the Virginia Broadband Availability Map, and other public data, it is assumed that all proposed VATI passings (5,213) in the project area lack access to 10/1 service (see Attachment 5 – Passings Form).

7. **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:

This is not a wireless project.

8. 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. (up to 10 points)

Answer:

The last-mile fiber to-the-home network will offer four internet speed tiers that are fully symmetrical: 30/4 Mbps, 200/10 Mbps, 400/20 Mbps, and 1000/500, with no data caps. The standard monthly rate without promotional pricing for these tiers of service is $17.99 (for qualifying households), $74.99. $94.99, and $134.99, respectively. Additional services that will be available to Charter Internet customers include, but are not limited to, anti-virus security protection and Advanced Home WiFi. As an added benefit of its FTTP network, Charter will also be in a position to offer competitive video and voice services in the grant area. Because it will be an all-fiber network, the only locations sharing bandwidth may occur are at a fiber concentration cabinet or at the network core, which is more than adequate capacity to consistently deliver advertised speeds to all customers.

To make broadband more accessible for low-income learners and seniors, Charter will offer their most affordable plan, "Spectrum Internet Assist," an industry-leading high-speed, low-cost broadband service for qualified customers. Introduced in 2016, Spectrum Internet Assist is available to households where one or more members of household are a recipient of: the National School Lunch Program, including through the Community Eligibility Provision, or Supplemental Security Income (for applicants age 65+). Throughout the duration of this program Spectrum Internet Assist has met all benchmarks set by the FCC. This product includes a free internet modem, no data caps, no contracts, and high-speed internet speeds at 30 Mbps.

9. 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. Provide information on how capacity for scalability, or expansion, of how the network can adapt to future needs. 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 6 – Propagation Map Wireless Project.

Answer:

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10. Explain how the proposed project achieves universal broadband coverage for the locality or fits into a larger plan to achieve universal broadband coverage for the locality. If applicable, explain the remaining areas of need in the locality and a brief description of the plan to achieve universal broadband coverage. (up to 50 points)

Answer:

This project is a unique regional initiative between the three Participating Localities, a last-mile ISP, and a planning district commission to deliver universal broadband coverage to the City of Suffolk, Isle of Wight County, and Southampton County. By leveraging Charter's existing service area and RDOF awarded area, this project will blanket the Participating Localities with reliable, affordable, and high-speed fiber broadband service. The project ensures that broadband will be made available to every household and business within the Participating Localities, particularly those in rural areas previously deemed cost prohibitive to serve.

This project is also consistent with and furthers the goal of the Hampton Roads Regional Broadband Initiative, endorsed by all 17-member localities of the HRPDC, to develop a fully integrated regional fiber optic network that connects employment areas, higher education facilities, research institutions, and municipal facilities throughout the region. Universal access to broadband will allow Hampton Roads to continue to develop as a nationally connected 21st century community and international information gateway, and provide our region the necessary infrastructure to support job creation centered around a number of emerging industry clusters.

11. **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 7 – Timeline/Project Management Plan; Attachment 8 – MOU/MOA between Applicant/Co-Applicant; (up to 20 points)

Answer:

As the private Internet service provider (ISP) co-applicant on this project, Charter has performed the preliminary design and engineering work including identifying the number of existing passings, determining distances from the nearest existing network tie point, and calculating costs associated with full project build-out. Charter has performed similar network expansion projects in locations across the United States and utilized this experience and internal, proprietary worksheets to determine project costs.

Final project design would be completed by Charter's Technical Operations team. Because Charter's last-mile infrastructure will be located within existing public rights of way and on the property of end-customers that have requested service, all easements are secured. Charter will be responsible for applying for and receiving any permits as needed. Construction of the network will be performed by contractors within the required time frame of 18 months (subject to excusable delay) and overseen by Charter project managers.

Draft Memorandums of Understanding (MOU) between the Participating Localities and Charter Communications and a VATI Applicant and Co-Applicant Agreement that demonstrate our agreement to work in partnership to complete this project is included as Attachment 8 – MOU/MOA between Applicant/Co-Applicant.

12. Has the applicant or co-applicant received any VATI grants? If so, provide a list of these grants, with a detailed summary of the status of each.

Answer:

The City of Suffolk, Isle of Wight County, and Southampton County have not received any VATI grants for this project, to that end, the co-applicant, Charter Communications, has not received any VATI grants for these project areas.

13. Matching funds: Complete the funding sources table indicating the cash match and inkind 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 that a minimum20% match is required to be eligible for VATI, the private sector provider must provide10% of the required match. If the private co-applicant cash match is below 10% of total project cost, applicants must provide financial details demonstrating appropriate private investment. Label Attachments: Attachment 9 - Funding Sources Table; Attachment 10 – Documentation of Match Funding

Answer:

As set forth in Attachment 9 – Funding Sources Table, we are requesting VATI funds in the amount of $22,761,075.50, representing 61% of the total cost of this regional initiative to provide universal broadband access. Collectively, the three Participating Localities are contributing $6,711,522.50, representing 18% of the total project cost. Charter is investing $7,819,500.00, representing 21% of the total project cost.

Letters of commitment from each source of non-VATI funding are included as Attachment 10 – Documentation of Match Funding.

14. Leverage: Describe any leverage being provided by the applicant, co-applicant, and partner(s) in support of the proposed project. (up to 10 points)

Answer:

The Participating Localities formed the VATI Grant Regional Steering Committee to identify the priorities of each locality, individually, to ensure that the regional approach could potentially facilitate the needs of each locality. The group, comprised of two staff members of the City of Suffolk, one staff member from Isle of Wight County, one staff member from Southampton County, and one staff member from Charter Communications began meeting in April 2021. Since the initial meeting, the committee has met weekly and bi-weekly to coordinate the priorities of the localities. Through these locality meetings, it was determined that it was necessary to engage the Hampton Roads Planning District Commission (HRPDC) to fulfill the localities' shared goal of universal broadband coverage. The HRPDC began working with the Participating Localities and Charter during the first meeting of June 2021, and their participation consists of two senior staff members. Through the Steering Committee's formation and engagement with the HRPDC, the Participating Localities have become emboldened with the strength in working on a regional basis, and will continue this steering committee throughout the duration of project construction. See Attachment 17 – Leverage for a membership roster and meeting dates.

With the assistance of the Steering Committee, all three localities have engaged with Dominion, VDOT, and respective public works and other municipal departments to review permitting needs and will continue to meet and communicate regularly in order to fast track permitting requirements in the project area.

In addition to this proposed project, the City of Suffolk and Charter Communications are completing a broadband network expansion project totaling approximately $2.2 million, 75% of which is City funded. This project delivers high-speed broadband service to approximately 357 homes within Suffolk (see Attachment 17 – Leverage for a map of the passings). The project is underway, with construction set to begin in late September 2021 and expected service delivery date of December 10, 2021.

Further aligning with the commitment to high-speed broadband accessibility, Isle of Wight County Board of Supervisors formed a Citizen's Task Force in August 2020. The task force conducts outreach efforts to other citizen's groups that focus on communication and education as it relates to broadband service availability and subscriber options. The task force is comprised of individuals with an array of backgrounds with participation from schools, public libraries, civic, and citizen associations, to include eight Ruritan clubs, Rotary, Kiwanis, Optimist, and several churches. Utilizing the task force members to assist with outreach during project construction will serve to bolster the credibility of the presentations and heighten the locality's ability to fully reach and inform local citizens.

Charter Communications has committed to provide and administer the following services to the participating localities' citizens:

- **STEM Activity Day:** Charter sponsors a STEM activity day with a local partner for youth to enjoy kinesthetic activities to

promote an interest in STEM.

- **Resource Fair:** Charter joins an existing community resource fair, for example at a school or health organization, to share information about services like Spectrum Internet Assist with senior citizens and/ or families with K-12 students, provide giveaways and offer door prizes or raffle items.
- **Digital Equity Roundtable:** Charter works with an area organization to host a roundtable event for parents to learn about the importance of digital equity, especially as it relates to their children's future success.
- **Digital Education Crash Course:** Charter works with an area partner to host an interactive, family oriented 'crash course,' where parents and their children work together to answer trivia about digital safety and compete in games to learn how to use the internet at home.
- **My Future in a Digital World Roundtable:** Charter sponsors a discussion for middle and high school aged students on the importance of a strong digital education, how digital skills improve your ability to succeed and discussion of different career paths.
- **Scholarship Contests:** Charter hosts a scholarship contest for high-school aged students to write an essay about topics including rural broadband deployment, digital equity, etc., provides small scholarships to winners and hosts an event for winning students to read their essays aloud.

The Participating Localities are committed to working with Charter to ensure all available served residents within the project area receive these above-mentioned services on an in-kind basis.

In addition to the Participating Localities' aforementioned leverage capabilities, the HRPDC has agreed to fulfill all grant administration duties over the assumed 18-month period of project construction. This will include working closely with the DHCD, the Participating Localities, and Charter to ensure proper reporting and accounting. The estimated cost of these services is $40,000, of which the HRPDC is only requesting $20,000 in the project budget. The remainder will be provided on an in-kind basis and used as leverage for this application.

15. 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. (up to 10 points)

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:

a. The Participating Localities and Charter have committed to a variety of marketing and outreach activities. Charter and each of the localities will host at least three townhall events within the most impacted communities. These events will be hosted at City/County-owned facilities and will be advertised by way of announcements at City Council/Board of Supervisors Meetings, postings on the municipal websites main-page tickers, details of events listed on the Municipal Channels, and a variety of social media postings, to include targeted neighborhood postings within the NextDoor App.

Upon notification of award, a dedicated Broadband FAQ page will be created on the respective localities' websites, including maps of proposed project areas, construction timeline, construction contact information, broadband service offerings, and answers to various other questions. The Participating Localities will then work closely with Suffolk Public Library and Blackwater Regional Library to send targeted mailers to affected residents that include an overview of available library programs, the partnership between the Participating Localities and Charter , and the variety of service packages available to those effected households. See Attachment 18 - Marketing for an example mailer. Charter also will also visit each passing and place a door hanger notification during project construction. See Attachment 18 - Marketing for an example door hanger.

In Isle of Wight County, their electronic newsletters, *Isle Cares* (citizens) and *Inside the Isle* (businesses), will be utilized to provide regular project updates to several thousand subscribers each month. Additionally, the Participating Localities will partner with local Cooperative Extension offices to provide information to the agricultural community through meetings, newsletters, and other media platforms.

Based on data compiled by Charter from other broadband network expansion projects in areas similar to the Participating Localities, the expected take rate is approximately 79 percent of proposed passings. It is anticipated that the actual take rate may be higher due to the aforementioned marketing and outreach efforts by the Participating Localities and Charter, many of which were not part of previous network expansion projects.

b. The City of Suffolk, Isle of Wight County, and Southampton County library systems, along with Charter, have a variety of programs in place to educate, train, and embolden the local residents. During the planned townhall events, Charter will have representatives present to provide educational opportunities Charter's service offerings and basic technical and troubleshooting information. As well, all three localities offer free, one-on-one, by appointment or walk-in, trainings on software and hardware, and a variety of extraneous concerns a resident may present. As noted below, the localities have worked tirelessly with their library systems to provide any number of effectual outreach programs to educate and train their citizens.

The Suffolk Public Library (SPL) and Blackwater Regional Library (BRL) aspire to be a part of their communities, organically linked to the people and life within their respective localities. To answer the call for more support, SPL established the Community Helpers Network, an online Slack workspace in which non-profits, business owners, and community activists could connect, chat, share resources, ask for help, and share upcoming projects. BRL provides direct, one-on-one services teaching patrons to use Universal Classes with CEU courses, job skills training with Mometrix databases, and many other digital-forward life skills-related endeavors. The library systems also provide countless books, both physical and in electronic form, on digital learning and technology.

A source of pride for the both library systems is being extremely responsive in meeting the needs of our communities and patrons. Over the years, SPL and BRL have introduced, modified, and tweaked programming and offerings to provide effective content deliveries. Feeling the impact of the pandemic, the libraries modified a significant number of their program offerings, and began hosting some events virtually. A selection of relevant digital literacy programs offered include:

- Virtual2Go Kits
- Community Niche Facebook Groups
- Homeschool Hub
- Amazing Peanut Chase
- Battle of the Books
- Iconicon
- ESL (English as a second language) Courses
- Tech Skills Academy
- Technology Check-Out Programs
- Hoopla (digital resource lending app)
- Ancestry and Genealogical Services
- Accounting, Business, Entrepreneurship, Finance, History, Math, Writing, Psychology, and Web Development courses
- Free Community Park Wifi Offering Program

Both library systems have resolved to continue to develop and grow their programs as the needs of the communities evolve. The provision of universal broadband coverage in these localities will dramatically alter the ways with which localities and their library systems view the future of their programs. The library systems are well poised to develop stronger programs than those currently outlined to reach additional residents who may not currently be aware of the programs available to them due to the current lack of connectivity.

16. 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 the applicant is not a locality(s) in which the project will occur, please provide a letter of support from that locality. Attachment 11 – Letters of Support.

Answer:

Name

Role

Project Duties

Robert Crum

Executive Director, HRPDC

Oversee HRPDC's activities and manage grant funds to be used for the project

Albert Moor

City Manager, City of Suffolk

Primary liaison to project team

Regina Chandler

Interim Director of Information Technology, City of Suffolk

Secondary liaison to project team

Charlie Harcum

Interim Assistant Director of IT/Network Manager

Secondary liaison to project team

Randy Keaton

County Administrator, Isle of Wight County

Primary liaison to project team

Don Robertson

Deputy County Administrator, Isle of Wight County

Secondary liaison to project team

Michael Johnson

County Administrator, Southampton County

Primary liaison to project team

Ashley Covington

Marketing and Existing Business Manager, Franklin Southampton Economic Development, Inc.

Secondary liaison to project team

Eric Collins

Director of Government Affairs, Charter Communications

Coordination with project partners

Robert Church

Senior Director of Regional Construction, Charter Communications

Oversee all of Charter's network build-out activities

Mike French

Project Manager, Charter Communications

Manage Charter's final design and construction activities

Thomas Jacobs

Project Manager, Charter Communications

Manage Charter's final design and construction activities

The HRPDC has extensive experience administering grant-funded activities, including projects funded by state agencies including DHCD, VDEM, DEQ, and VDOT, as well as federal agencies including the USDA and US Department of Commerce's EDA programs.

Charter Communications, Inc. (NASDAQ: CHTR), the parent company of Spectrum's portfolio of products, is America's fastest growing TV, internet and voice company. Spectrum is committed to integrating the highest quality service with superior entertainment and communications products. Spectrum is at the intersection of technology and entertainment, facilitating essential communications that connect more than 31 million residential and business customers in 41 states. Their commitment to serving customers and exceeding their expectations is the bedrock of Spectrum's business strategy and it's the philosophy that guides its 96,000 employees.

Charter is a Fortune 70 company with a $100 billion market capitalization. Full copies of Charter's most recent 3 years of audited financial statements can be accessed here: https://ir.charter.com/financial-information/quarterly-results. U.S. News and World Report recently named Spectrum Internet as the "Best Internet Service Provider for Rural Areas."

Spectrum's commitment to service quality has resulted in Multichannel News naming Spectrum as **Operator of the Year for 2020**. Spectrum's unparalleled commitment to service quality was especially evident in response to the pandemic. Their network continued to perform well despite higher levels of peak bandwidth usage. And they accomplished all this while making adjustments to how and where they worked in response to COVID protocols.

Spectrum has worked with governments across the country on joint projects targeted at broadband expansion.

Spectrum therefore has extensive experience with managing and completing projects of the sort contemplated by the application, and has been awarded projects exceeding $50 million in grant support in recent years, many of which it has already completed. Recent joint projects undertaken by Charter with state and local governments are included in Attachment 19 – Other.

17. **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 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 12 – Derivation of Costs; Attachment 13 - Documentation of Supporting Cost Estimates. (up to 10 points)

Answer:

Because it is not practical to distinguish which specific miles of fiber or related capital expenses will be funded by VATI funds vs. other funds, cost categories are allocated on a percentage basis. We are requesting VATI funds to support 61% of the total project costs, as set forth in Attachment 12 – Derivation of Costs.

All documentation supporting cost estimates and the project budget are being delivered under separate transmittal directly to DHCD from Charter due to proprietary nature. As a result, there is no Attachment 13 – Documentation of Supporting Cost Estimates.

18. The cost benefit index is comprised of state cost per unit passed. 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
(up to 125 points)

Answer:

a. $22,761,075.50

b. 12,684 (VATI passings - 5,213; RDOF passings - 7,471)

19. **Commonwealth Priorities (Up to 40 points)**

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

b. Unique partnerships involved in the proposed project. Examples include electric utilities, universities, and federal/state agencies.

c. 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:

a. There are several passings in the project area that will have a significant impact to the region, including:

- Large Employers or Potential for Further Economic Development
  - Southampton Business Park (Southampton County-owned business park)
    - Currently home to five businesses with 35 developable acres available
  - Southampton Commerce and Logistics Center (Southampton County-owned business park)
    - Currently home to one business which is one of our largest employers and has 80 developable acres available
  - Bon Bon Farms (32026 East Circle, Boykins, VA)
    - Opened in 2019 in Boykins and has the potential with the legalization of cannabis to grow tremendously and have significant impact on the community.
  - Businesses on our 50 Largest Employers List from Virginia Employment Commission
    - Meherrin Agricultural and Chemical Company (Meherrin Agriculture: 22711 Main Street, Capron, VA 23829, Hampton Farms: 32126 General Thomas Hwy, Franklin, VA 23851, Severn Peanut Company: 22540 Meherrin Road, Courtland, VA 23829)
    - Enviva Southampton (26534/26570 Rose Valley Rd, Franklin, VA 23851)
    - Deerfield Correctional Center Complex (21360 Deerfield Road, Capron, VA 23829)
    - Solenis International (27123 Shady Brook Trail, Courtland, VA 23837)
    - Feridies (28285 Mill Creek Drive, Courtland, VA 23837)
    - Birdsong Peanuts Buying Point (31380 General Thomas Hwy, Franklin, VA 23851
    - Lee M White Inc (31065 General Thomas Hwy, Franklin, VA 23851)
    - Gray & Son Construction (23495 Sunlight Drive, Courtland, VA 23837)

b. Unique partnerships involved in the proposed project include:

- Charter has expressed interest in exploring a potential partnership with the Southside Network Authority to leverage their fiber optic network ring that will reach the City of Suffolk and deliver increased connectivity.
- The Nottoway Indian Tribe of Virginia has agreed to help with marketing through their newsletter that is used to provide updates to members. Information will be available at the Nottoway Indian Tribe of Virginia Community House and Interpretive Center located at 23186 Main Street, Capron, VA 23829.
- On behalf of all three localities, the City of Suffolk is working to establish a partnership with Dominion Energy to facilitate obtaining permits or any additional requirements set forth by the utility company.

c. Not only are the participating localities committed to expansion of connectivity in the project areas, but also fully understand that affordable access is a significant roadblock to provide connectivity in the project area. As a leader in telecommunications, Charter has long recognized the importance of the services they provide to families, small businesses, and America's future. By bringing affordable, high-speed broadband to more people, this project supports the Commonwealth's digital equity goals and will empower the residents of the City of Suffolk, Isle of Wight County, and Southampton County to find the opportunities they need to thrive in the 21st century. As previously described, this project will deliver universal coverage to the Participating Localities. With this provision of universal coverage, Charter will offer a special service, known as "Spectrum Internet Assist," to qualifying households in the project area. This service will provide 30/4 Mbps speeds for $17.99 per month to households comprised of one or more members who receive: the National School Lunch Program, including through the Community Eligibility Provision, or Supplemental Security Income (for applicants age 65+). This service includes a free internet modem, has no data caps, and does not require a contract. An example marketing flyer for this service is provided in Attachment 19 – Other.

20. **Additional Information**

Provide the two most recent Form 477 submitted to the FCC, or equivalent, as well as point, polygon, and, for wireless providers, RSSI shapefiles for the project area **in .zip file form**. With attachments 17 through 20, attach any other information that the applicant desires to include. Applicants are limited to four additional attachments.

Label Additional Attachments as:
a. Attachment 14 – Two most recent Form 477 submitted to the FCC or equivalent

b. Attachment 15 - Point and Polygon shapefiles, in.zip file form, showing proposed passings and project area

c. Attachment 16 - For wireless applicants: shapefiles, in .zip file form, indicating RSSI projections in the application area

d. Attachment 17 – XXXXXXX

e. Attachment 18 – XXXXXXX

f. Attachment 19 – XXXXXXX

g. Attachment 20 – XXXXXXX

Answer:

Attachment 17 –Leverage

Attachment 18 –Marketing

Attachment 19 –Other

Attachment 20 –FOIA Exemption Request

Attachments:

Map(s) of project area, including proposed infrastructure

Attachment1ProjectAreaMap914202195232.pdf

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

Attachment2DocumentationofFederalFundingArea914202191154.pdf

RDOF Awarded Areas included in VATI Application (Use template provided)

Attachment3RDOFAwardedAreasincludedinVATIApplication914202191609.pdf

Application to DHCD Submitted through CAMS

HRPDC-Hampton Roads Planning

HRPDC Universal Broadband for Suffolk, Isle of Wight, and Southampton 2022

Documentation that proposed project area is unserved based on VATI criteria

Attachment4DocumentationUnservedAreaVATICriteria914202191653.pdf

Passings Form (Use template provided)

Attachment5PassingsForm914202191939.pdf

Propagation Map if Wireless Project

Attachment6PropagationMapWirelessProjectsonly914202192611.pdf

Timeline/Project Management Plan

Attachment7TimelineProjectManagementPlan914202195114.pdf

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

Attachment8MOUMOAbetweenApplicantCoApplicant914202192113.pdf

Funding Sources Table (Use template provided)

Attachment9FundingSourcesTable914202194949.pdf

Documentation of Match Funding

Attachment10DocumentationofMatchFunding914202194833.pdf

Letters of Support

Attachment11LettersofSupport914202192733.pdf

Derivation of Cost/Project Budget (Use template provided)

Attachment12DerivationofCosts914202195440.pdf

Documentation of Supporting Cost Estimates

Attachment13DocumentationofSupportingCostEstimates914202195625.pdf

Two most recent Form 477 submitted to the FCC or equivalent

Attachment14TwomostrecentForm477submittedtotheFCCorequivalent914202195713.pdf

Application to DHCD Submitted through CAMS

HRPDC-Hampton Roads Planning

HRPDC Universal Broadband for Suffolk, Isle of Wight, and Southampton 2022

Point and Polygon shapefiles, in.zip file form, showing proposed passings and project area

Attachment15PointandPolygonShapefiles914202195759.zip

For wireless applicants: shapefiles, in .zip file form, indicating RSSI projections in the application area

Attachment16RSSIProjectionShapefiles914202195831.pdf

Optional

ATTACHMENT17Leverage9142021105421.pdf

Optional

Attachment18Marketing9142021105929.pdf

Optional

Attachment19Other9142021124609.pdf

Optional

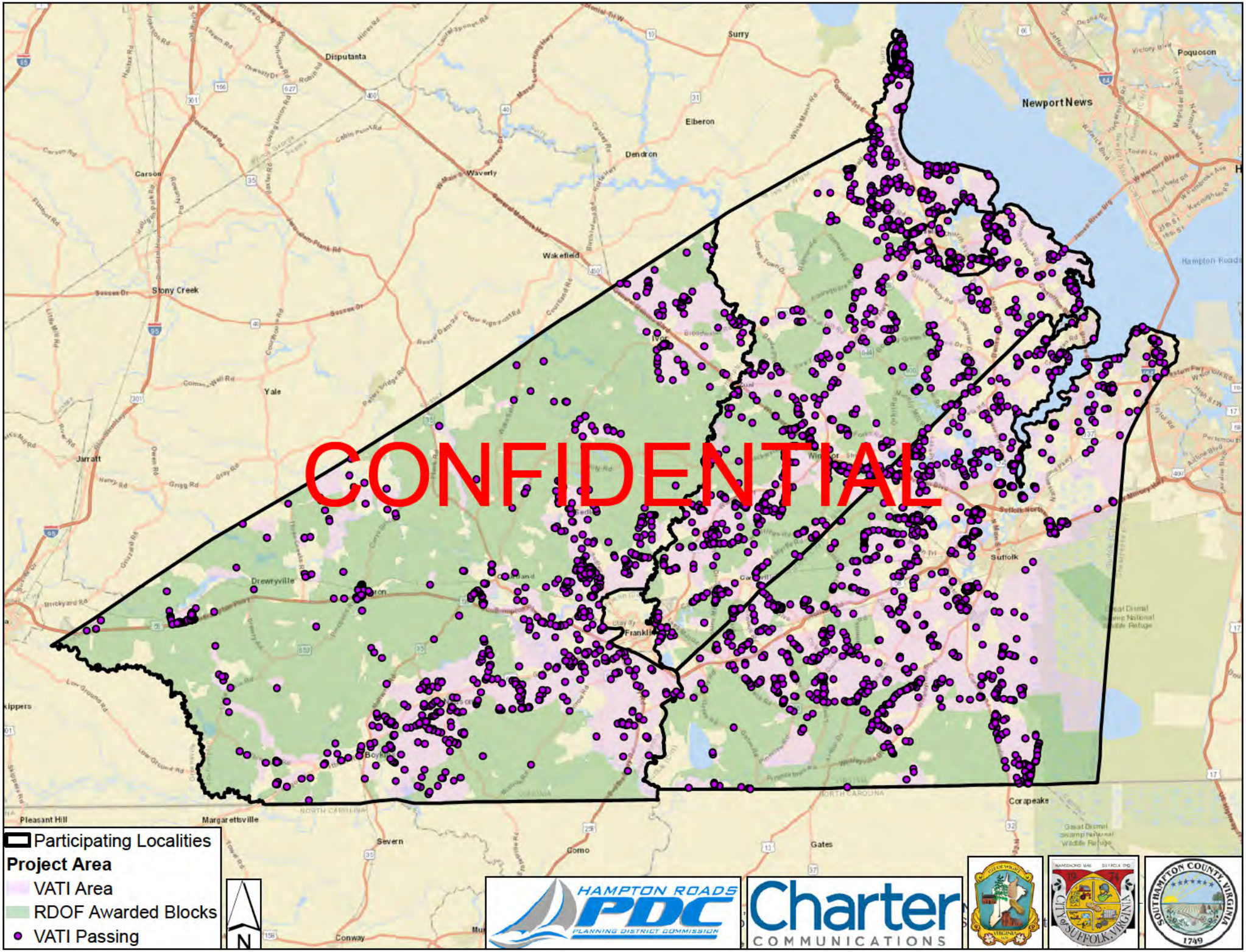
Attachment20FOIAExemptionRequest914202111149.pdf

Notes:
As noted throughout the narrative information, Charter Communications will be submitting certain supporting documentation directly to DHCD due to its proprietary nature. The HRPDC and Charter are negotiating the terms of a Confidentiality Agreement that will be submitted under separate cover to DHCD at a later time.

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

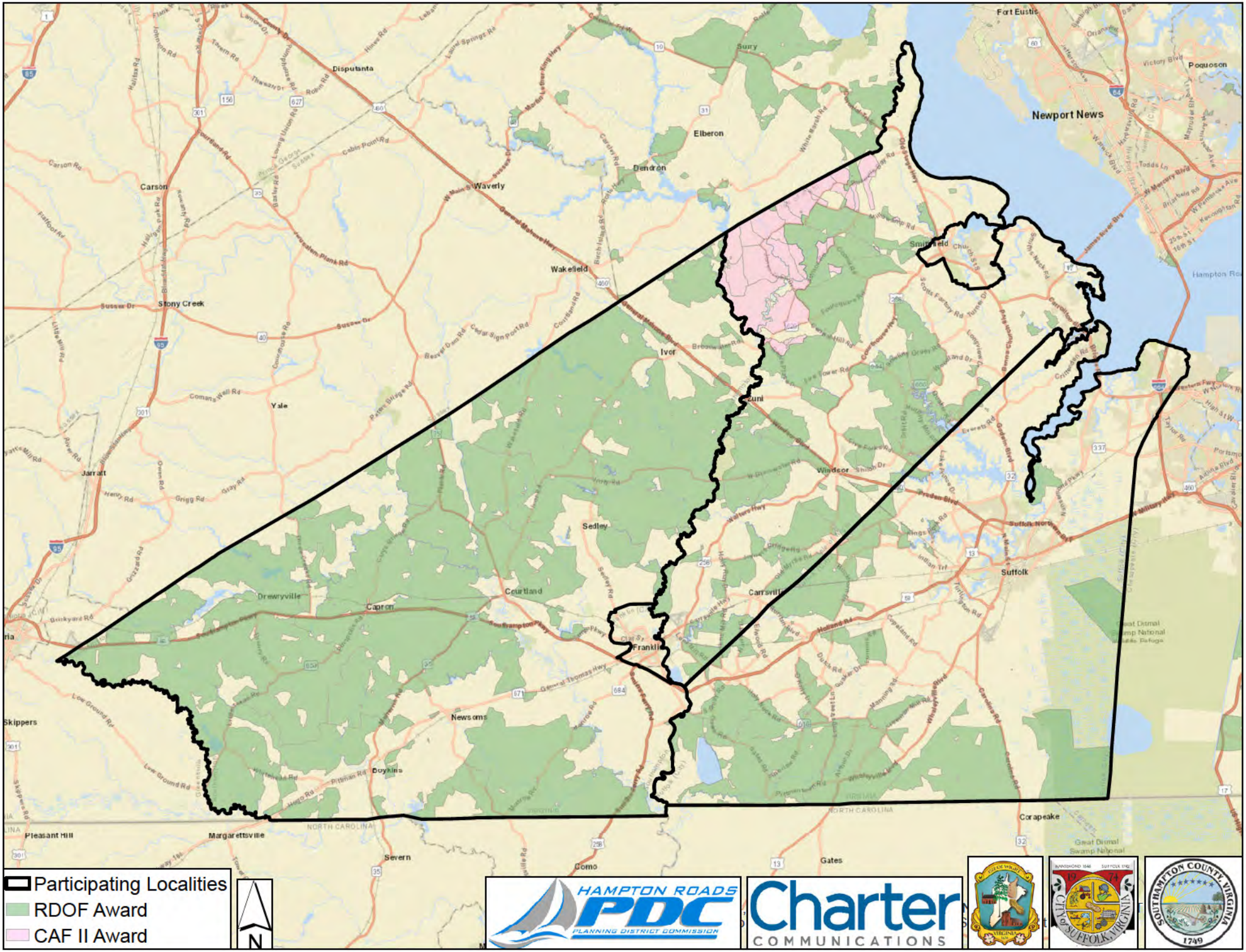
Attachment 1 - Project Area Map


CONFIDENTIAL
Participating Localities
Project Area
VATI Area
RDOF Awarded Blocks
VATI Passing
N
HAMPTON ROADS PDC
PLANNING DISTRICT COMMISSION
Charter
COMMUNICATIONS
Disputanta
Surry
Newport News
Poquoson
Elberon
Dendron
Carson
Waverly
Wakefield
Stony Creek
Yale
Jarratt
Drewryville
Franklin
Suffolk
Corapeake
Pleasant Hill
Margarettsville
Severn
Gomo
Gates
Conway
Hampton Roads
Great Dismal Swamp National Wildlife Refuge
NORTH CAROLINA
VIRGINIA

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 2 - Documentation of Federal Funding Area


Participating Localities
RDOF Award
CAF II Award
N
HAMPTON ROADS PDC
PLANNING DISTRICT COMMISSION
Charter
COMMUNICATIONS
Fort Eustis
Poquoson
Newport News
Surry
Elberon
Dendron
Disputanta
Carson
Waverly
Wakefield
Stony Creek
Ivor
Zuni
Windsor
Yale
Jarratt
Sedley
Drewryville
Courtland
Capron
Franklin
Carrsville
Suffolk
Skippers
Newsoms
Boykins
Pleasant Hill
Margarettsville
Severn
Como
Gates
Corapeake
NORTH CAROLINA
VIRGINIA

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 3 - RDOF Awarded Areas included in VATI Application

2022 Virginia Telecommunication Initiative (VATI)
RDOF Passings Form

Type of Passings	Total Number of Passings in the Project Area that lie within Preliminarily Awarded RDOF Areas [1]
Residential	6,876
Businesses (non-home based)	36
Businesses (home-based)	497
Community Anchors	0
Non-residential	62
Total Number of RDOF Passings	7,471

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

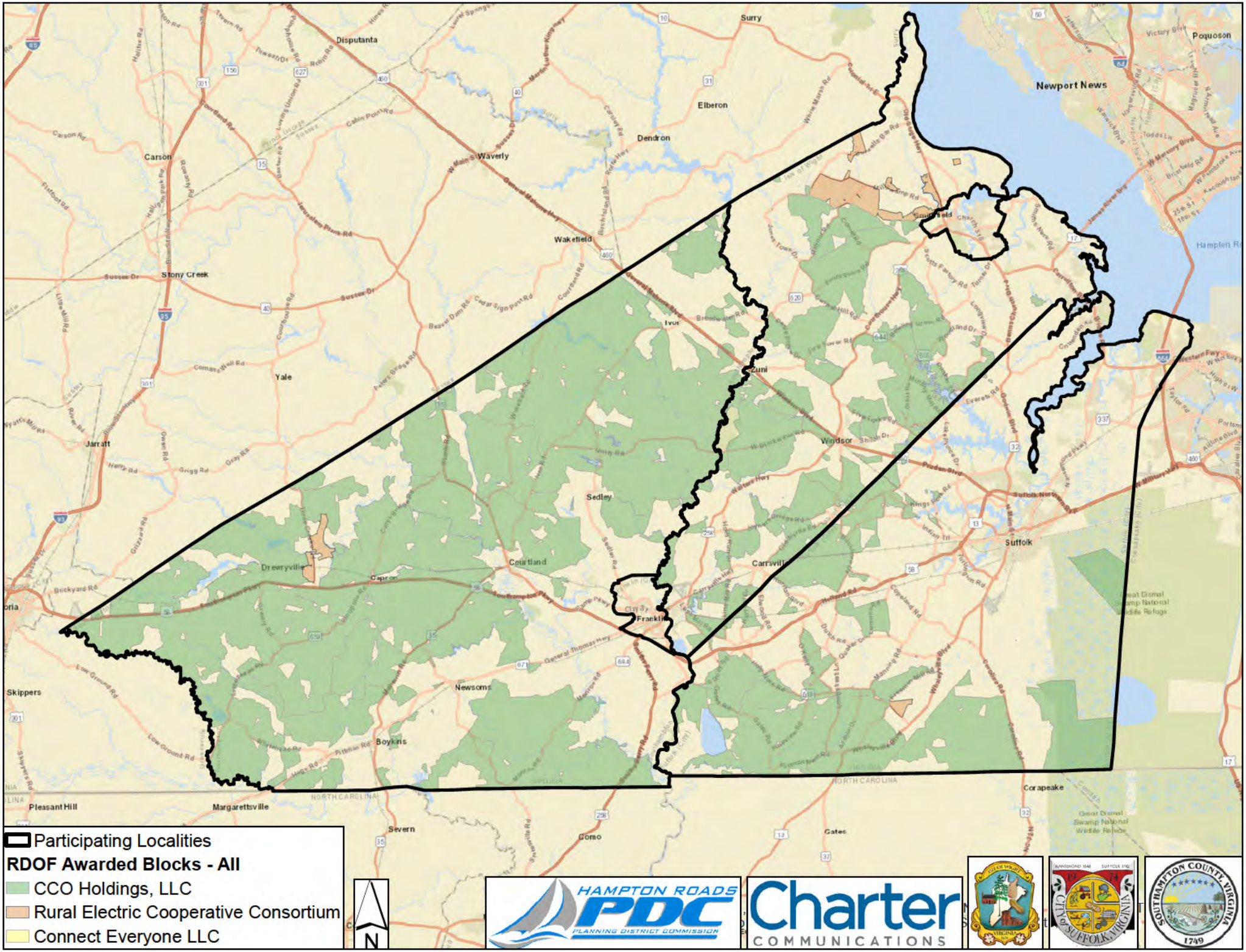
Definitions

Passing – any structure that can receive service. Multi-unit structures may be counted as more than 1 passing, provided individual connections and account are planned at that structure.

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.

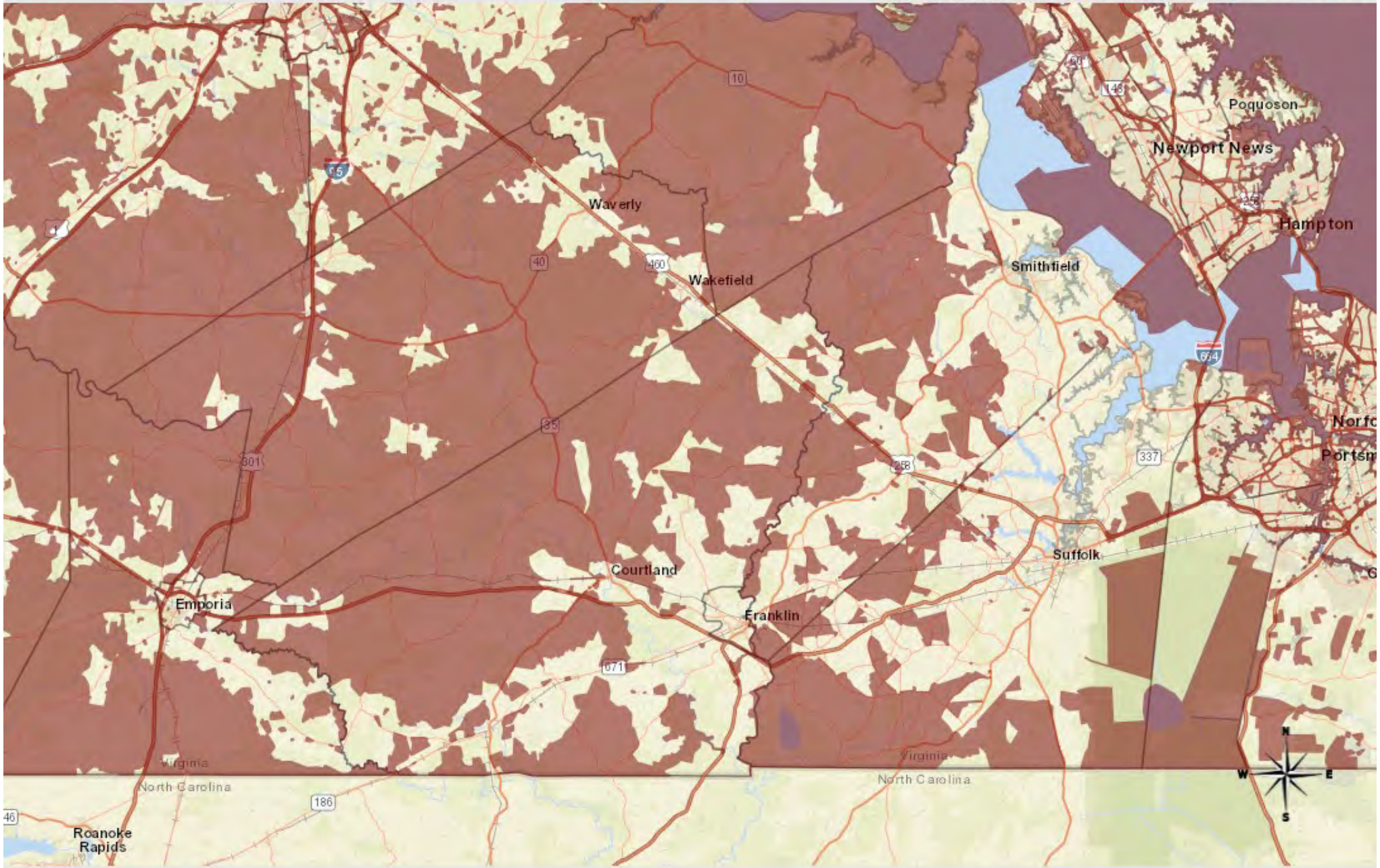
Non-Residential Passing – places of worship, federal, state, or local facilities or other potential customers that are neither a residence, business or a community anchor as defined above.


Participating Localities
RDOF Awarded Blocks - All
CCO Holdings, LLC
Rural Electric Cooperative Consortium
Connect Everyone LLC
N
HAMPTON ROADS PDC
PLANNING DISTRICT COMMISSION
Charter COMMUNICATIONS
Surry
Disputanta
Elberon
Dendron
Waverly
Carson
Wakefield
Stony Creek
Yale
Jarratt
Ivor
Zuni
Windsor
Sedley
Courtland
Drewryville
Capron
Franklin
Carrsville
Suffolk
Newsoms
Boykins
Skippers
Pleasant Hill
Margarettsville
Severn
Gomo
Gates
Corapeake
Newport News
Poquoson
Smithfield
NORTH CAROLINA
Great Dismal Swamp National Wildlife Refuge

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 4 - Documentation
Unserved Area VATI Criteria



Legend

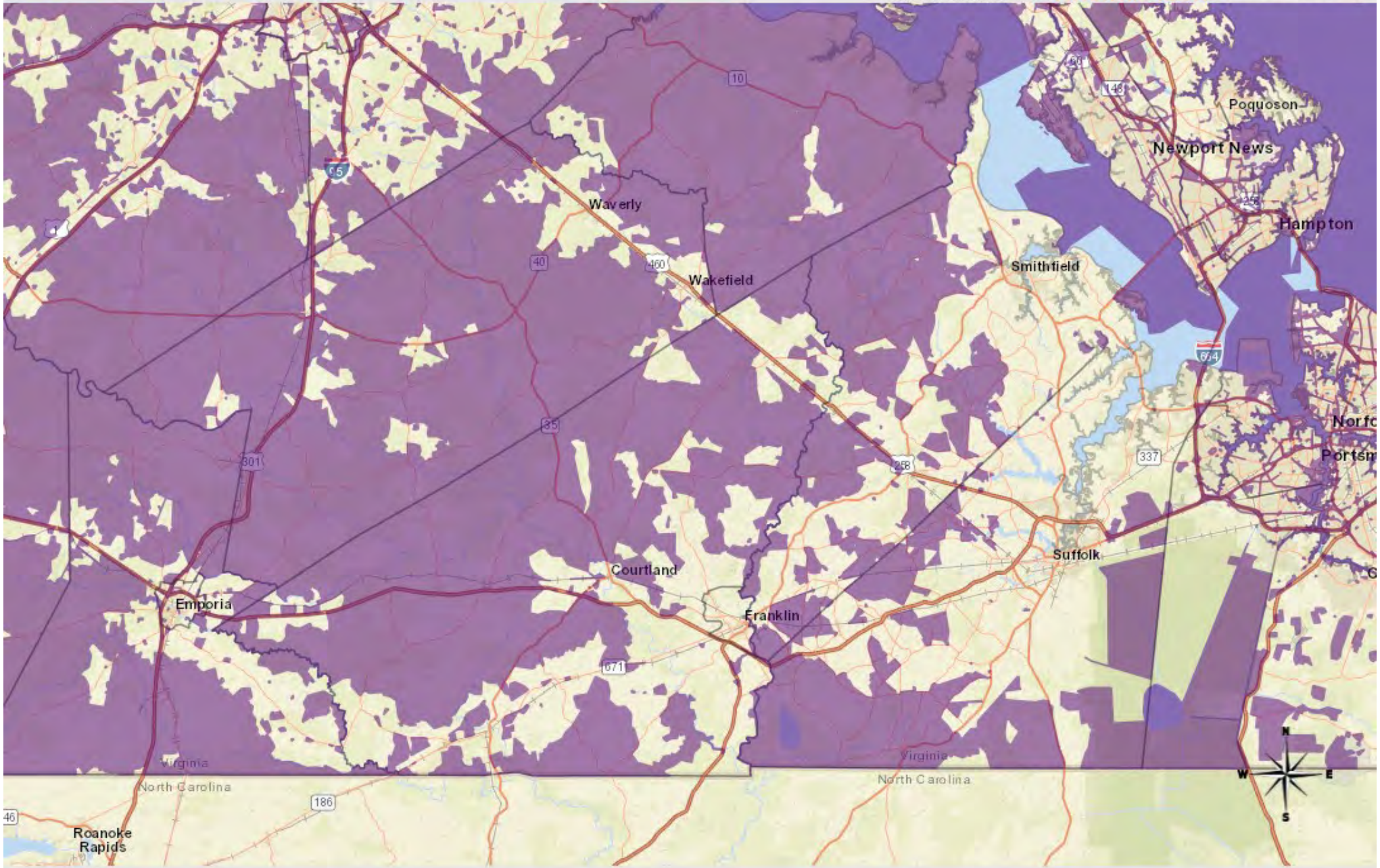
Unserved Areas [below or equal to 10 Mbps download and 1 Mbps upload]

About the Map

5 mi

Scale 1:594207

Report generated on 9/8/2021



Legend

No Residential Broadband Reported

About the Map

5 mi

Scale 1:594207

Report generated on 9/8/2021

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 5 - Passings Form

2022 Virginia Telecommunication Initiative (VATI)
Passing Form

Type of Passings	Total Number of Passings in the Project Area [1]	Passings in the Project Area, without Special Construction Costs Required[2]	Passings with Special Construction Costs budgeted in the Application [3]	Number of Passings with Speeds at 10/1 or below in Project Area [4]
Residential	4,354			4,354
Businesses (non-home based)	183			183
Businesses (home-based)	653			653
Community Anchors	2			2
Non-residential	21			21
Total	5,213	4,923	547	5,213

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

***Note**: Do not include passings in RDOF awarded areas that were awarded to the co-applicant; these passings should be included in the RDOF Passings Form. Passings included in this application in RDOF awarded areas that were not awarded to the co-applicant, unless successfully challenged, are considered unserved and should be counted as passings in this form.*

[1] The total number of structures in the project area that can receive service. See definition of passing below for more detail.
[2] The number of structures in the project area that will not require special construction costs to provide service to. These passings fall within the broadband provider's standard service connection drop length and do not require nonstandard equipment or any additional fees above normal service connection fees required to provide broadband access to a premise.
[3] The number of structures in the project area with all construction costs budgeted in the application. These passings will not require any additional special construction costs beyond those budgeted for in the VATI application.
[4] The number of structures in the project area that do not have access to internet at speeds of at least 10 mbps download and 1mbps upload.

Definitions

Passing – any structure that can receive service. Multi-unit structures may be counted as more than 1 passing, provided individual connections and account are planned at that structure.

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.

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 6 - Propagation Map (Wireless Projects Only)
Not Applicable

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 7 - Timeline Project Management Plan

Project: City of Suffolk, Isle Of Wight and Southampton Counties *For an 18 month project*

Task	Responsible Person	Responsible Entity	Prior	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19+
DHCD Awards Grant	Locality Reps/Eric Collins	Participating Localities and HRPDC																				
Walkout	Mike French-Region / Thomas Jacobs-MA	Charter/ Spectrum																				
Pole Application / Make Ready	Mike French-Region / Thomas Jacobs-MA	Charter/ Spectrum & AEP																				
Mapping	Mike French-Region / Thomas Jacobs-MA	Charter/ Spectrum																				
Design	Mike French-Region / Thomas Jacobs-MA	Charter/ Spectrum																				
Permitting	Mike French-Region / Thomas Jacobs-MA	Charter/ Spectrum																				
Construction	Mike French-Region / Thomas Jacobs-MA	Charter/ Spectrum																				
Splicing	Mike French-Region / Thomas Jacobs-MA	Charter/ Spectrum																				
Activation	Mike French-Region / Thomas Jacobs-MA	Charter/ Spectrum																				
Customer Installation	Installation Manager	Charter/ Spectrum																				
Project Close Out	Locality Reps	Participating Localities and HRPDC																				

In accordance with VATI guidelines, an extension to the 18 months may be negotiated during contract phase due to the scope and size of project.

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 8 - MOU/MOA between Applicant/Co-Applicant

DRAFT Agreement between Isle of Wight County, Virginia and Charter Communications Regarding VATI Funding

On {**DATE**}, the Virginia Department of Housing and Community Development ("DHCD") announced that it had offered Isle of Wight County (the "Grantee") a total of {AMOUNT} in funding under the Virginia Telecommunication Initiative (VATI) program in response to the joint application of Isle of Wight County and Charter Communications. Pursuant to the program guidelines and statutory authority, the primary objective of the VATI is to provide financial assistance to supplement construction costs by private sector broadband providers, in partnership with local units of government to extend service to areas that presently are unserved by any broadband provider.

The grant agreement, between DHCD and the County (the "DHCD Agreement") will impose certain responsibilities on the Grantee in accepting the VATI grant. As anticipated in the joint application for funding submitted by Isle of Wight County and [insert appropriate Charter Applicant name] ("Charter Communications"), the parties wish to outline the roles of each party now that the grant has been awarded. Accordingly, the parties now hereby agree as follows:

Charter Communications shall perform all work described in herein, the submitted application, project management schedule and budget. Specifically, Charter Communications shall complete all Grant Activities on or before {DATE}. Charter Communications shall indemnify, defend and hold the County harmless for any failure(s) (a) to complete any Grant Activities described in the DHCD Contract Documents on or before {DATE of Grant Expiration} and/or (b) to achieve any project Outcomes by {Date of Construction Conclusion Per Contract} , Charter Communications will provide information regarding number of homes passed, and speed packages offered, as well as speed validation data to ensure that the proposed Outcomes have been met and broadband speeds meet VATI criteria. Charter Communications will submit a {number of invoices if predetermined} invoice for payment upon completion of the work. No VATI funds shall be distributed unless and until (a) Charter Communications has submitted all requested documents and (b) the County has verified that pre-construction and/or construction work has been completed or equipment has been ordered and received.

Charter Communications 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.

TERM: The term of the agreement shall commence on _____and ending on successful completion of all tasks as stated herein and contingent upon receiving sufficient funding from the Virginia Department of Housing and Community Developmental Services.

Charter Communications shall complete the Project prior to [ ] ("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.

TERMINATION: The following provisions apply to termination under this Agreement, whether termination by the Grantee or by Charter Communications. 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 Grantee determines that continuation of the work will serve no useful public purpose, this Agreement may be terminated by the Grantee and Charter Communications shall be entitled to all eligible expenses incurred through the date of termination or the date services are last provided, whichever occurs first.

Termination for Cause. If, through any cause, Charter Communications shall fail to materially fulfill in a timely manner its obligations under this Agreement, or if Charter Communications 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 Charter Communications from the Grantee, the Grantee shall thereupon have the right

to immediately terminate or suspend this Agreement by giving written notice to Charter Communications of such termination or suspension and specifying the effective date thereof.

In their application, the parties estimated that {NUMBER OF UNITS} serviceable units will have access to the required broadband speeds. Isle of Wight County and Charter Communications will exercise due diligence and commercially reasonable efforts on community outreach and marketing the availability of service, which is the intent of the program. The parties understand, however, that the actual number of customers who choose to subscribe is beyond the parties' control. The parties also understand that the intent of the Department of Housing and Community Development is that the parties exercise due diligence and commercially reasonable efforts and that no funds will be returned to the Commonwealth nor retained by Isle of Wight County so long as the parties exercise due diligence and commercially reasonable efforts to reach the program goals.

Isle of Wight County and Charter Communications

By: _____ By: _____

{Local Signatory, Title} {Provider Signatory, Title}

Date: _____ Date: _____

Memorandum of Understanding

This Memorandum of Understanding ("MOU") is made this ____ day of [month], 202X 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. 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.

   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 [ ] ("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 2022 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. G. 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 TRANSACTING 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

BY: _____
Albert S. Moor, II, P.E.
City Manager

Charter Communications

BY: _____

ATTEST:

BY: _____

Print Name: _____

Title: _____

Attachment 7 – MOU/MOA between Applicant/Co-Applicant

DRAFT Memorandum of Understanding between Charter Communications and Southampton County, Virginia Regarding VATI Funding Template

On {**DATE**}, the Virginia Department of Housing and Community Development ("DHCD") announced that it had offered Southampton County (the "Grantee") a total of {AMOUNT} in funding under the Virginia Telecommunication Initiative (VATI) program in response to the joint application of the County and Charter Communications. Pursuant to the program guidelines and statutory authority, the primary objective of the VATI is to provide financial assistance to supplement construction costs by private sector broadband providers, in partnership with local units of government to extend service to areas that presently are unserved by any broadband provider.

The grant agreement, between DHCD and the County (the "DHCD Agreement") will impose certain responsibilities on the Grantee in accepting the VATI grant. As anticipated in the joint application for funding submitted by Southampton County, Virginia and Charter Communications the parties wish to outline the roles of each party now that the grant has been awarded. Accordingly, the parties now hereby agree as follows:

Charter Communications shall perform all work described in the DHCD Agreement and {GRANT CONTRACT NUMBER} Terms and Conditions (both of which are attached hereto and incorporated herein by reference), the submitted application, project management schedule and budget. Specifically, {PROVIDER}shall complete all Grant Activities described in the DHCD Contract Documents (including but not limited to {GRANT ACTIVITIES}) on or before {DATE}. Charter Communications shall indemnify, defend and hold the County harmless for any failure(s) (a) to complete any Grant Activities described in the DHCD Contract Documents on or before {DATE of Grant Expiration} and/or (b) to achieve any project Outcomes by {Date of Construction Conclusion Per Contract} , {PROVIDER} will provide information of subscribers and speed package selected, as well as speed validation data to ensure that the proposed Outcomes have been met and broadband speeds meet VATI criteria. Charter Communications will submit a {number of invoices if predetermined} invoice for payment upon completion of the work. No VATI funds shall be distributed unless and until (a) Charter Communications has submitted all requested documents and (b) the County has verified that pre-construction and/or construction work has been completed or equipment has been ordered and received.

In their application, the parties estimated that {NUMBER OF UNITS} serviceable units will have access to the required broadband speeds. Southampton County, Virginia and Charter Communications will exercise due diligence and best efforts on community outreach and marketing the availability of service, which is the intent of the program. The parties understand, however, that the actual number of customers who choose to subscribe is beyond the parties' control. The parties also understand that the intent of the Department of Housing and Community Development is that the parties exercise due diligence and best efforts and that no funds will be returned to the Commonwealth nor retained by Southampton County so long as the parties exercise due diligence and best efforts to reach the program goals.

Southampton County, Virginia, and Charter Communications

By: _____
{Local Signatory, Title}

By: _____
{Provider Signatory, Title}

Date: _____

Date: _____

VATI Applicant and Co-Applicant Agreement

This agreement is made on _____, between the Hampton Roads Planning District Commission (HRPDC), 723 Woodlake Drive, Chesapeake, VA 23322 and Spectrum Southeast LLC (Charter Communications, Inc), 400 Atlantic St, Stamford, CT 06901.

RECITALS:

A. Whereas, the Department of Housing and Community Development (DHCD) will be implementing the Virginia Telecommunications Initiative (VATI) grant program; and
B. Whereas, the primary objective of the VATI is to provide financial assistance to supplement construction costs by private sector broadband service providers, in partnership with local units of government to extend service to areas that presently are unserved by any broadband provider; and
C. Whereas, applications must be submitted by a unit of government with a private sector provider as a co-applicant; and
D. Whereas, the City of Suffolk, Isle of Wight County, and Southampton County have requested that the HRPDC be the applicant on their behalf; and
E. Whereas, City of Suffolk, Isle of Wight County, and Southampton County have designated Charter Communications as the co-applicant, and
F. Whereas, the HRPDC and Charter Communications will partner for a grant application for the VATI grant program to serve areas in the City of Suffolk, Isle of Wight County, and Southampton County.

NOW, therefore, the parties agree as follows:

The HRPDC on behalf of the City of Suffolk, Isle of Wight County, and Southampton County:

1. The HRPDC will act as fiscal agent for the project and maintain accurate records of the financial expenditures of the VATI monies, including, but not limited to financial reports, monthly funding draws; approval of Charter Communications expenditures and invoices, documentation of matching funds, etc.; and
2. The HRPDC will provide overall grant management of the VATI project and provide coordination and administration of the project by working as a liaison between the localities, Charter Communications, and DHCD, and

Charter Communications:

1. Charter Communications will provide the HRPDC required information for the management of the VATI grant, including, but not limited to progress reports and monthly invoices; and
2. Charter Communications will provide the required documents to the localities for zoning and permit applications; and
3. Charter Communications will design, engineer, construct and implement broadband services as designated in the VATI application in compliance with the grant program requirements, and

4. Charter Communications will guarantee that the minimum bandwidth offerings for the project will be no less than the Federal Communications Commission's definition of broadband as of the date of project commencement; and
5. Charter Communications will own all assets to be funded by VATI grant monies.

This agreement will terminate when DHCD notifies the HRPDC that all grant requirements have been satisfied.

Witness the following authorized signatures on behalf of the parties:

By:

_____ By: _____

Date Robert C. Crum

Executive Director, HRPDC

_____ By: _____

Date Chris Snyder

Associate Vice President, Charter Communications, Inc.

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 9 - Funding Sources Table

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	$22,761,075.50	61%	PENDING
CITY OF SUFFOLK	$3,000,000.00	8%	SECURED
ISLE OF WIGHT COUNTY	$2,711,522.50	7%	SECURED
SOUTHAMPTON COUNTY	$1,000,000.00	3%	SECURED
CHARTER	$7,819,500.00	21%	SECURED
TOTAL	**$37,292,098.00**	**100 %**	

Isle of Wight County Schools
PREPARING STUDENTS FOR COLLEGE, CAREER AND LIFE

August 4, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Southampton County and Isle of Wight County

Dear Mr. Johnson:

I am pleased to write to you to express my enthusiastic support for the collective application approach taken by the City of Suffolk, Southampton County and Isle of Wight County to provide their city and county residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions s access to high-speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults' access to broadband internet is the determining factor between success and failure.

The City of Suffolk, Southampton County and Isle of Wight County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud the Governor of Virginia, DHCD, and these localities for choosing to work together on such an undertaking and support the grant application with fervor, and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects.

Sincerely,

Jim Thornton, Ed.D.
Superintendent

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 11 - Letters of Support

HAMPTON ROADS PDC
PLANNING DISTRICT COMMISSION

ANDRIA P. McCLELLAN, CHAIR • DAVID H. JENKINS, VICE-CHAIR • RANDY R. KEATON, TREASURER
ROBERT A. CRUM, JR., EXECUTIVE DIRECTOR/SECRETARY

MEMBER JURISDICTIONS

CHESAPEAKE

FRANKLIN

GLOUCESTER

HAMPTON

ISLE OF WIGHT

JAMES CITY

NEWPORT NEWS

NORFOLK

POQUOSON

PORTSMOUTH

SMITHFIELD

SOUTHAMPTON

SUFFOLK

SURRY

VIRGINIA BEACH

WILLIAMSBURG

YORK

August 3, 2021

Tamarah Holmes, Ph.D.
Director, Office of Broadband
Department of Housing and Community Development
600 East Main Street, Ste 300
Richmond, VA 23219

RE: Letter of Support for the Suffolk/ Isle of Wight/ Southampton Virginia Telecommunications Grant Application

Dear Dr. Holmes:

On behalf of the Hampton Roads Planning District Commission (HRPDC), I am pleased to provide this letter of support for the collaborative application of the City of Suffolk and the Counties of Isle of Wight and Southampton in their effort to achieve universal coverage of reliable, affordable, and high-speed fiber internet service through the Virginia Telecommunications Initiative (VATI) Program and deliver on Governor Northam's goal of universal broadband coverage throughout the Commonwealth by 2024.

The HRPDC represents 17 local governments and over 1.7 million residents that comprise the Hampton Roads region. The HRPDC is one of 21 PDCs in the Commonwealth of Virginia created by State Code "to encourage and facilitate local government cooperation and state-local cooperation in addressing, on a regional basis, problems of greater than local significance." One of the regional initiatives that has been endorsed by the HRPDC is a vision for a regional fiber network that connects with the subsea cables that have come ashore in Virginia Beach and distributes this ultrafast service throughout the Hampton Roads region. Phase I of this network will be the completion of the southside fiber ring that interconnects the five southside cities which includes the City of Suffolk. The fiber initiative proposed through the Suffolk/ Isle of Wight/ Southampton VATI application is consistent with the regional plan endorsed by the HRPDC. We are pleased to offer our support for this exciting VATI grant proposal, and we are committed to coordinating regional efforts to ensure that this initiative moves forward in a timely manner.

We strongly support the Suffolk/ Isle of Wight/ Southampton VATI application and encourage a favorable decision on this collaborative grant submission.

Sincerely,

Robert A. Crum, Jr.
Executive Director

SENATE OF VIRGINIA

THOMAS K. NORMENT, JR.
3RD SENATORIAL DISTRICT
ALL OF GLOUCESTER, KING AND QUEEN, KING WILLIAM, AND NEW KENT COUNTIES; ALL OF THE CITY OF POQUOSON; PART OF ISLE OF WIGHT, JAMES CITY, SURRY, AND YORK COUNTIES; AND PART OF THE CITIES OF HAMPTON AND SUFFOLK
POST OFFICE BOX 6205
WILLIAMSBURG, VIRGINIA 23188
(804) 698-7503 RICHMOND
(757) 259-7810 WILLIAMSBURG

COMMITTEE ASSIGNMENTS:
COMMERCE AND LABOR
JUDICIARY
FINANCE AND APPROPRIATIONS
RULES

August 2, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston:

I am pleased to write to you to express my ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their city and county residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions is access to high speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults, access to broadband internet is the determining factor between success and failure.

The City of Suffolk, Isle of Wight County, and Southampton County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud the Governor of Virginia, DHCD, and these localities for choosing to work together on such an undertaking and support the grant application with fervor, and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects. With kindest regards, I remain

Very Truly Yours,

Tommy

Thomas. K. Norment, Jr.

A. DONALD MCEACHIN
4TH DISTRICT, VIRGINIA

WASHINGTON OFFICE
314 CANNON HOUSE OFFICE BUILDING
WASHINGTON, D.C. 20515
(202) 225-6365

RICHMOND DISTRICT OFFICE
110 N. ROBINSON ST. SUITE 403
RICHMOND, VA 23220
(804) 486-1840

SUFFOLK DISTRICT OFFICE
131 N. SARATOGA STREET, SUITE B
SUFFOLK, VA 23434
(757) 942-6050

Congress of the United States
House of Representatives
Washington, DC 20515-4604

COMMITTEE ON ENERGY AND COMMERCE
COMMUNICATIONS AND TECHNOLOGY SUBCOMMITTEE
ENERGY SUBCOMMITTEE
ENVIRONMENT AND CLIMATE CHANGE SUBCOMMITTEE

COMMITTEE ON NATURAL RESOURCES
ENERGY AND MINERAL RESOURCES SUBCOMMITTEE
OVERSIGHT AND INVESTIGATIONS SUBCOMMITTEE

August 18, 2021

Tamarah Holmes, Ph.D.
Director
Office of Broadband
Department of Housing and Community Development
600 East Main Street, Ste 300
Richmond, VA 23219

Dear Ms. Holmes:

I write to bring to your attention an application from the City of Suffolk, Southampton, and Isle of Wight Counties for grant funding through the Virgina Telecommunication Initiative grant fund for their *Universal Broadband Coverage* project. I ask for your full and fair consideration of their request.

In today's world access to broadband internet is a necessity when performing nearly every daily function. Education, many professions, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common need amongst all these functions is access to high-speed internet. Everyone from school age children to professional adults need access to broadband internet and now with a global pandemic keeping us apart, access can be crucial to providing for your family, keeping children in school, and access to medical care around the clock.

The City of Suffolk, Isle of Wight, and Southampton Counties have unique challenges being mostly rural and having access to universal broadband coverage could create many opportunities for the residents of these localities; as well as influencing economic development in the area. Access to high-speed internet is crucial for almost every new business and this coverage could encourage business to the area and offer more opportunities for telework while we continue to battle the COVID-19 pandemic.

As a Representative of a district with major broadband gaps, I am committed to providing my constituents with high-speed internet access that will increase their opportunities in the job market, education, and now more than ever a way to stay safe during this unprecedented pandemic. Again, I ask for your full and fair consideration of the City of Suffolk, Southampton, and Isle of Wight Counties for grant funding through the Virginia Telecommunication Initiative grant.

Sincerely,

A. Donald McEachin

A. Donald McEachin
Member of Congress

COMMONWEALTH OF VIRGINIA
HOUSE OF DELEGATES
RICHMOND

ROSLYN C. TYLER
25359 BLUE STAR HIGHWAY
JARRATT, VIRGINIA 23867

SEVENTY-FIFTH DISTRICT

COMMITTEE ASSIGNMENTS:
EDUCATION (CHAIR)
APPROPRIATIONS
AGRICULTURE, CHESAPEAKE AND
NATURAL RESOURCES

August 3, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston:

I am pleased to write to you to express my ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their city and county residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions is access to high speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults, access to broadband internet is the determining factor between success and failure.

The City of Suffolk, Isle of Wight County, and Southampton County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud the Governor of Virginia, DHCD, and these localities for choosing to work together on such an undertaking and support the grant application with fervor, and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects.

Sincerely,

Delegate Roslyn Tyler
Virginia House of Delegates
75th District

DISTRICT: (434) 336-1710 • RICHMOND: (804) 698-1075 • E-MAIL: DELRTYLER@HOUSE.VIRGINIA.GOV

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

August 12, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston,

I am pleased to write to you to express my ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions is access to high speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults, access to broadband internet is the determining factor between success and failure.

The City of Suffolk, Isle of Wight County, and Southampton County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud these localities for choosing to work together and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects.

If I can lend additional support in any way, please let my office know.

In Service,

Emily Brewer

Emily M. Brewer
Delegate, 64th District
Virginia House of Delegates

DISTRICT: (757) 239-1213 • RICHMOND: (804) 698-1064 • DELEBREWER@HOUSE.VIRGINIA.GOV

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

August 2, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston:

I am pleased to write to you to express my ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their city and county residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions is access to high speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults, access to broadband internet is the determining factor between success and failure.

The City of Suffolk, Isle of Wight County, and Southampton County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud the Governor of Virginia, DHCD, and these localities for choosing to work together on such an undertaking and support the grant application with fervor, and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects.

Regards,

Clinton Jenkins
Member
Virginia House of Delegates

DISTRICT: (757) 809-0214 * RICHMOND: (804) 698-1076 * E-MAIL: DELCJENKINS@HOUSE.VIRGINIA.GOV

CITY OF SUFFOLK

P.O. BOX 1858, SUFFOLK, VIRGINIA 23439-1858 PHONE: (757) 514-4018 FAX: (757) 514-4027

OFFICE OF
THE MAYOR AND CITY COUNCIL

August 5, 2021

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

Dear Director Johnston:

I would like to take this opportunity to voice my support for the City of Suffolk, Isle of Wight County, and Southampton County's collective approach to the Department of Housing and Community Development's 2022 Virginia Telecommunication Initiative (VATI) grant application.

As the Mayor of Suffolk, I am proud of the achievements Suffolk has made in economic growth and development, as well as expanding in numerous educational capabilities. Unfortunately, the city is unable to reach its full potential due to the unavailability of high-speed broadband internet access in our rural areas. The City of Suffolk is comprised of numerous farming communities, resulting in low population in these areas. Our City fully acknowledges, now more than ever, just how vital high-speed broadband internet access is to success in every daily action performed by all ages and walks of life.

The City of Suffolk, Isle of Wight County, and Southampton County's education, farming, businesses, and access to health care suffer daily due to the impacts of their lack of connectivity. The incumbent provider is unable to service every home within these localities because it simply is not financially feasible. The 2022 VATI grant application will provide a plan to work with the incumbent and ability to collectively finance such an undertaking, resulting in universal high-speed broadband internet access to those citizens who are unserved or underserved in rural areas of these three localities.

The City and Counties' projects will utilize the most recent and trusted technology to provide broadband service in the most affordable manner possible. I must further reiterate, I strongly support and endorse the City of Suffolk, Isle of Wight County, and Southampton County's collective VATI grant application.

Thank you for your consideration.

Regards,

Michael D. Duman,
Mayor

Local Roots, Global Reach

ISLE OF WIGHT COUNTY, VIRGINIA

September 7, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston:

I am pleased to write to you on behalf of the Isle of Wight County Board of Supervisors to express support for the joint 2022 VATI application submitted by the City of Suffolk and the Counties of Isle of Wight and Southampton in an effort to provide its respective residents with universal broadband coverage.

I have provided a copy of the resolution adopted by the Board of Supervisors at its meeting on August 19, 2021 in support of the joint application. Additionally, I would like to advise you that, at its meeting on September 2, 2021, the Board of Supervisors approved a local commitment of $2.7 million toward the local match for the joint VATI application.

Isle of Wight County is committed to the goal of universal broadband coverage and we believe that the availability of VATI funding will help us to achieve that goal in a timely manner.

I respectfully request your favorable consideration of this application.

Sincerely,

Richard L. Grice
Chairman
Isle of Wight County Board of Supervisors

P.O. Box 80
17090 Monument Circle
Isle of Wight, VA 23397
(757) 365-6204
www.co.isle-of-wight.va.us

SOUTHAMPTON COUNTY

26022 Administration Center Drive
P. O. Box 400
Courtland, Virginia 23837

757-653-3015
Fax: 757-653-0227

August 11, 2021

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

Mr. Johnson,

On behalf of Southampton County, I am writing this letter in support of the Southampton County, Isle of Wight County, and City of Suffolk collective application for the Department of Housing and Community Development's 2022 Virginia Telecommunication Initiative (VATI) grant.

The Southampton County Board of Supervisors has requested Franklin Southampton Economic Development, Inc. to head up our efforts to deliver broadband to unserved areas of our County. Broadband access is one of our top initiatives for economic vitality, positive quality of life, and reduction of socio-economic disparity in the County. Socio-economic inequality can be measured by whether an individual has access to the internet at their home. In terms of economic development, citizens should have the option of operating a home-based business, apply for meaningful work, and participate in continuing education. In addition, our agricultural community would benefit significantly in terms of increasing technological advancements in how their businesses operate.

Southampton County, Isle of Wight County, and the City of Suffolk's education, farming, businesses, and access to health care suffer daily due to the impacts of their lack of connectivity. The incumbent provider is unable to service every home within these localities because it simply is not financially feasible. The 2022 VATI grant application will provide a plan to work with the incumbent and ability to collectively finance such an undertaking, resulting in universal high-speed broadband internet access to those citizens who are unserved or underserved in rural areas of these three localities.

Again, I strongly support this application for the VATI grant. Please do not hesitate to contact me with any questions.

Regards,

Michael Johnson
Southampton County Administrator

Paul D. Camp Community College
Office of the President

August 31, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston:

I am pleased to write to you to express my ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their city and county residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions is access to high speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults, access to broadband internet is the determining factor between success and failure.

The City of Suffolk, Isle of Wight County, and Southampton County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud the Governor of Virginia, DHCD, and these localities for choosing to work together on such an undertaking and support the grant application with fervor, and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects.

Sincerely,

Corey L. McCray, PhD
Interim President

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 9, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston:

I am pleased to write to you to express my ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their city and county residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions is access to high speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults, access to broadband internet is the determining factor between success and failure.

The City of Suffolk, Isle of Wight County, and Southampton County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud the Governor of Virginia, DHCD, and these localities for choosing to work together on such an undertaking and support the grant application with fervor, and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects.

Sincerely,

Dr. John B. Gordon III
Division Superintendent

Suffolk
VIRGINIA

P.O. Box 1858
Suffolk, Virginia 23439
Telephone *757-514-4040*
Facsimile *757-514-4054*
www.YesSuffolk.com

August 2, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston:

I am pleased to write to you to express my ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their city and county residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions is access to high speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults, access to broadband internet is the determining factor between success and failure.

The City of Suffolk, Isle of Wight County, and Southampton County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud the Governor of Virginia, DHCD, and these localities for choosing to work together on such an undertaking and support the grant application with fervor, and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects.

Sincerely,

Wesley King
Chairman

Franklin Southampton
ECONOMIC DEVELOPMENT, INC.
601 N Mechanic Street • Suite 300 • Franklin, VA 23851 • 757-562-1958
info@franklinsouthamptonva.com • www.fsediva.com

August 11, 2021

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

Mr. Johnson,

On behalf of the Franklin Southampton Economic Development, Inc. Board of Directors, I am writing this letter in support of the Southampton County, Isle of Wight County, and City of Suffolk collective application for the Department of Housing and Community Development's 2022 Virginia Telecommunication Initiative (VATI) grant.

The mission of our organization is as follows: to diversify the economy, create high-quality jobs, and to provide a future for the families and youth of Franklin Southampton. One crucial quality of life component embedded within our mission statement is access to broadband. The ability to access the internet throughout the County not only supports socio-economic equity but also gives our residents the ability to operate home-based businesses, apply for meaningful work, and offer a platform for workforce training opportunities. In addition, the County relies heavily on both the forestry and agriculture industry sectors, and access to broadband will help further technology initiatives in these critical business sectors. All the above scenarios will positively affect the economic vitality of our community. It is imperative that all our residents be given the availability and opportunity to access broadband.

Again, I strongly support this VATI grant application. Please do not hesitate to contact me with any questions.

Regards,

Brian K. Hedgepeth

Brian Hedgepeth
Chairman, Board of Directors, Franklin Southampton Economic Development, Inc.

blackwater regional library

Franklin, Isle of Wight, Southampton, Surry, and Sussex
www.blackwaterlib.org

August 2, 2021

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

RE: 2022 Virginia Telecommunications Initiative Application – City of Suffolk, Isle of Wight County, and Southampton County

Dear Mr. Johnston:

I am pleased to write to you to express my ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their city and county residents with universal broadband coverage. In today's climate, we have learned all too well that access to broadband internet is a necessity when performing nearly every daily function. As such, education, working, and medical necessities have seen a reformation during the unprecedented COVID-19 pandemic and the common denominator amongst all these functions is access to high speed internet. In the world we live in today everyone from school age children, those seeking to better their situations, and professional adults, access to broadband internet is the determining factor between success and failure. Blackwater Regional Library strives to partner to our municipalities and non-profit groups to increase access to broadband and digital literacy services, but find that without universal broadband, that this goal is a never-ending challenge.

The City of Suffolk, Isle of Wight County, and Southampton County have unique challenges to their rural areas and a goal of universal coverage would not be attainable by these localities without the support of the Virginia Telecommunications Initiative Grant (VATI). I applaud the Governor of Virginia, DHCD, and these localities for choosing to work together on such an undertaking and support the grant application with fervor, and reiterate to you my most sincere support for these localities to receive the VATI Grant funding necessary to complete these projects to better serve our communities.

Sincerely,

HAMPTON ROADS ALLIANCE
Growing the 757. Growing Virginia.

August 31, 2021

Tamarah Holmes, Ph.D.
Director, Office of Broadband
Department of Housing and Community Development
600 East Main Street, Ste 300
Richmond, VA 23219

Re: Virginia Telecommunications Initiative (VATI)

Dear Dr. Holmes:

It is with great pleasure to write our support of the joi… of Suffolk and … of Isle of Wight and Southampton in their effort to ach… reliable, affordable, and high-spe… fiber internet service through the **Virginia Telecomm… (VATI)** and deliver on Governor Northam's goal of universal broadband coverage throughout th… by 2024.

I am the President & CEO of The Hampton Roads Alli… nprofit, public-private partnership supported and led by the region's most influential business leaders, loca… ments, and top academic institutions. Our organization collaborates with regional economic development or… tions and localities in the Hampton Roads region of Virginia. The Alliance represents 11 localities, which i… es the City of Suffolk, and the Counties of Isle of Wright.

We support this application because broadband is an… sential service for the modernization of communities. It is an essential need for long-term and sustainable econom… development that enhances access to healthcare, education, and workforce development opportunities. These ne… orks will foster growth in our region's entrepreneurial economy and allow existing small and home-based businesses… expand and compete globally. It is well known that rural communities have not had the access to reliable broa… band service that has been seen in more urban areas of Hampton Roads. This important resource will provide… quitable opportunities for our residents and will attract larger companies to the region.

Funding from VATI will also allow for new fiber netwo… o be constructed that will leverage existing telecommunication assets in Hampton Roads, includi… e subsea cables arriving in Virginia Beach and the Regional Fiber Ring currently being built by the Southside Net… thority.

Sincerely,

Douglas L. Smith

CC: Robert Crum, Executive Director
HRPDC

Hampton Roads Alliance
101 W. Main St., Suite 1000
Norfolk, VA 23510

(757) 627-2315
info@757alliance.com
HamptonRoadsAlliance.com

HAMPTON ROADS CHAMBER | Means Business

101 West Main Street
Suite 800
Norfolk, VA 23510

757.622.2312
HRChamber.com

August 31st, 2021

Mr. Robert Crum
Executive Director
Hampton Roads Planning District Commission

Mr. Crum,

I understand the City of Suffolk and counties of Isle of Wight and Southampton are joining forces to achieve universal coverage of reliable, affordable, and high-speed fiber internet service through the Virginia Telecommunications Initiative (VATI) and deliver on Governor Northam's goal of universal broadband coverage throughout the Commonwealth by 2024. It is with great pleasure I write to express the Hampton Roads Chamber's strong support of this grant.

The Hampton Roads Chamber works hard to set the conditions for businesses to succeed and ensure a high quality of life for our citizens. Broadband is an essential service for modern community and economic development that enhances access to healthcare, education, and workforce development opportunities and encourages an entrepreneurial economy that allows existing small and home-based businesses to expand and compete globally.

Due to their rural nature, the aforementioned communities have not seen the expansion of broadband service seen in more urban areas of Hampton Roads. Funding from VATI will allow new fiber networks to be constructed that will leverage existing telecommunication assets in Hampton Roads, including the intercontinental subsea cables arriving in Virginia Beach and the regional fiber ring under development by the Southside Network Authority.

In short, the Hampton Roads Chamber lends its full support to this regional effort to expand high-speed fiber internet to all residents of Suffolk, Isle of Wight, and Southampton.

Bryan K. Stephens
President & CEO
Hampton Roads Chamber

August 31, 2021

Tamarah Holmes, Ph.D.
Director, Office of Broadband
Department of Housing and Community Development
600 East Main Street, Ste 300
Richmond, VA 23219

Re: Virginia Telecommunications Initiative (VATI)

Dear Dr. Holmes:

I write to offer our strong support for the communities of the City of Suffolk, and Counties of Isle of Wight and Southampton. These Hampton Roads communities are joining forces to achieve universal coverage of reliable, affordable, and high-speed fiber internet service through the **Virginia Telecommunications Initiative (VATI)** and deliver on Governor Northam's goal of universal broadband coverage throughout the Commonwealth by 2024. Reinvent Hampton Roads is a non-profit community leadership initiative working to reinvigorate, diversify and modernize the economy of the Hampton Roads region.

Broadband is an essential service for modern community and economic development that enhances access to healthcare, education, and workforce development opportunities and encourages an entrepreneurial economy that allows existing small and home-based businesses to expand and compete globally. Due to their rural nature, these communities have not seen the expansion of broadband service seen in more urban areas of Hampton Roads. This effort is particularly valuable to our neighbors and will add value to the region's economic development site infrastructure that could attract prospects looking to make Hampton Roads more competitive.

Funding from VATI will allow for new fiber networks to be constructed that will leverage existing telecommunication assets in Hampton Roads, including the subsea cables arriving in Virginia Beach and the Regional Fiber Ring that is currently underway by the Southside Network Authority. I hope you will consider lending your support to this regional effort to expand high-speed fiber internet to all residents of Suffolk, Isle of Wight, and Southampton.

To better serve our residents, and for the reasons stated, Reinvent Hampton Roads asks that you award funding for this initiative.

With Pride in Our Region,

James K. Spore
President & CEO

Cc: Robert Crum, Executive Director
HRPDC

James K. Spore
President & CEO
101 W. Main Street
Suite 415
Norfolk, VA 23510
757-961-8181
www.reinventhr.org
jspore@reinventhr.org

HAMPTONROADS
WORKFORCECOUNCIL

August 31, 2021

Mr. Robert Crum
Executive Director
Hampton Roads Planning District Commission
The Regional Building
723 Woodlake Drive
Chesapeake, VA 23320

Dear Mr. Crum:

The Hampton Roads Workforce Council fully supports the City of Suffolk and Counties of Isle of Wight and Southampton in their joining forces to achieve universal coverage of reliable, affordable, and high-speed fiber internet service through the Virginia Telecommunications Initiative (VATI) and deliver on Governor Northam's goal of universal broadband coverage throughout the Commonwealth by 2024.

Broadband is an essential service for modern community and economic development that enhances access to healthcare, education, and workforce development opportunities and encourages an entrepreneurial economy that allows existing small and home-based businesses to expand and compete globally. Due to their rural nature, these communities have not seen the expansion of broadband service seen in more urban areas of Hampton Roads. Funding from VATI will allow for new fiber networks to be constructed that will leverage existing telecommunication assets in Hampton Roads, including the subsea cables arriving in Virginia Beach and the regional fiber ring under development by the Southside Network Authority.

Again, we support this effort to expand high-speed fiber internet to all residents of Suffolk, Isle of Wight, and Southampton.

Sincerely,

Shawn Avery
President and CEO
Hampton Roads Workforce Council

SA/rb

999 Waterside Drive, Suite 1314
Norfolk, Virginia 23510
757.314.2370
vcwhamptonroads.org

August 18, 2021

Randah Gaitan
Office of Suffolk City Manger

On behalf of Nansemond County Farm Bureau, I am pleased to write to you to express our ardent support for the collective application approach taken by the City of Suffolk, Isle of Wight County, and Southampton County to provide their city and county residents with universal, and equitable broadband coverage.

Agriculture is Virginia's largest industry and the key to rural prosperity, particularly in localities like Isle of Wight, Southampton, and Suffolk. However, increasingly, participation in this industry requires reliable internet service. Farmers depend on broadband just as they do roads, rails and ports to reach customers and participate in the agricultural supply chain that feeds America. By embracing technology, farm operations can be more efficient, economical and environmentally friendly.

Today's farmers are using precision agricultural techniques to make decisions that impact the amount of fertilizer a farmer needs to purchase and apply to the field, the amount of water needed to sustain the crop, and the amount and type of crop protectants the farmer might need to apply. However, these yield-maximizing and efficient farming techniques require broadband connections for data collection and analysis performed on the farm and in the field.

Rural Virginians face numerous health disparities compared with their urban counterparts. Telemedicine can play an increasingly critical role in treating patients, improving health outcomes, lowering costs and helping health care providers maximize their impact in rural communities. But without access to broadband, rural Virginians are unable to access these services from their homes, and providers are limited to locating in areas with connectivity.

Most importantly, the COVID-19 pandemic caused many rural students to rely almost entirely on an internet connection to access education. The State Council of Higher Education for Virginia estimates that 200,000 K-12 students and 60,000 college students in the commonwealth lack access to broadband at home. Without internet, these students are forced to drive to areas, or businesses, with a connection – or risk falling behind in school. This inequity between those with and those without internet deepens the consequences of the digital divide.

The City of Suffolk, and Counties of Isle of Wight and Southampton have unique challenges to their rural areas and a goal of universal coverage would not be attainable without the support of the Virginia Telecommunications Initiative Grant (VATI). We all can agree that making this connection is crucial to our shared economic future, the education of our children, and assurance of a food supply that gives us stability and nourishment as a commonwealth and nation.

We applaud the Governor, DHCH, and these localities for choosing to work together on such an undertaking and support the grant application with fervor. I reiterate Nansemond County Farm Bureau's most sincere support for these localities to receive VATI Grant funding to complete these projects.

Respectfully,
Richard Gwaltney
Richard Gwaltney
President Nansemond Farm Bureau

Isle of Wight County Farm Bureau

On behalf of Isle of Wight County Farm Bureau, I am pleased to write to you to express our ardent support for the collective application approach taken by our County, the City of Suffolk, and Southampton County, to provide their city and county residents with universal, and equitable broadband coverage.

Agriculture is Virginia's largest industry and the key to rural prosperity, particularly in Counties like Isle of Wight. However, increasingly, participation in this industry requires reliable internet service. Farmers depend on broadband just as they do roads, rails and ports to reach customers and participate in the agricultural supply chain that feeds America. By embracing technology, farm operations can be more efficient, economical and environmentally friendly.

Today's farmers are using precision agricultural techniques to make decisions that impact the amount of fertilizer a farmer needs to purchase and apply to the field, the amount of water needed to sustain the crop, and the amount and type of crop protectants the farmer might need to apply. However, these yield-maximizing and efficient farming techniques require broadband connections for data collection and analysis performed on the farm and in the field.

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Most importantly, the COVID-19 pandemic caused many rural students to rely almost entirely on an internet connection to access education. The State Council of Higher Education for Virginia estimates that 200,000 K-12 students and 60,000 college students in the commonwealth lack access to broadband at home. Without internet, these students are forced to drive to areas, or businesses, with a connection — or risk falling behind in school. This inequity between those with and those without internet deepens the consequences of the digital divide.

In rural areas, like Isle of Wight, we have unique challenges and a goal of universal coverage would not be attainable without the support of the Virginia Telecommunications Initiative Grant (VATI). We all can agree that making this connection is crucial to our shared economic future, the education of our children, and assurance of a food supply that gives us stability and nourishment as a commonwealth and nation.

We applaud the Governor, DHCH, and these localities for choosing to work together on such an undertaking and support the grant application with fervor. I reiterate Isle of Wight County Farm Bureau's most sincere support for these localities to receive VATI Grant funding to complete these projects.

Sincerely,

Steven W. Crocker
County President, Isle of Wight County Farm Bureau

Office: (757) 242-6730 | Fax: (757) 242-6260
79 E. Windsor Blvd., P.O. Box 265, Windsor, VA 23487 | vafb.com

Southampton County Farm Bureau

On behalf of Southampton County Farm Bureau, I am pleased to write to you to express our ardent support for the collective application approach taken by our County, the City of Suffolk, and Isle of Wight County, to provide their city and county residents with universal, and equitable broadband coverage.

Agriculture is Virginia's largest industry and the key to rural prosperity, particularly in Counties like Southampton. However, increasingly, participation in this industry requires reliable internet service. Farmers depend on broadband just as they do roads, rails and ports to reach customers and participate in the agricultural supply chain that feeds America. By embracing technology, farm operations can be more efficient, economical and environmentally friendly.

Today's farmers are using precision agricultural techniques to make decisions that impact the amount of fertilizer a farmer needs to purchase and apply to the field, the amount of water needed to sustain the crop, and the amount and type of crop protectants the farmer might need to apply. However, these yield-maximizing and efficient farming techniques require broadband connections for data collection and analysis performed on the farm and in the field.

Rural Virginians face numerous health disparities compared with their urban counterparts. Telemedicine can play an increasingly critical role in treating patients, improving health outcomes, lowering costs and helping health care providers maximize their impact in rural communities. But without access to broadband, rural Virginians are unable to access these services from their homes, and providers are limited to locating in areas with connectivity.

Most importantly, the COVID-19 pandemic caused many rural students to rely almost entirely on an internet connection to access education. The State Council of Higher Education for Virginia estimates that 200,000 K-12 students and 60,000 college students in the commonwealth lack access to broadband at home. Without internet, these students are forced to drive to areas, or businesses, with a connection — or risk falling behind in school. This inequity between those with and those without internet deepens the consequences of the digital divide.

In rural areas, like Southampton, we have unique challenges and a goal of universal coverage would not be attainable without the support of the Virginia Telecommunications Initiative Grant (VATI). We all can agree that making this connection is crucial to our shared economic future, the education of our children, and assurance of a food supply that gives us stability and nourishment as a commonwealth and nation.

We applaud the Governor, DHCH, and these localities for choosing to work together on such an undertaking and support the grant application with fervor. I reiterate Southampton County Farm Bureau's most sincere support for these localities to receive VATI Grant funding to complete these projects.

[illegible], President

Office: (757) 653-9341 | Fax: (757) 653-0355
P.O. Box 187, Courtland, VA 23837 | vafb.com

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 14 - Two most recent Form 477 submitted to the FCC or equivalent

Federal Communications Commission

(RETAIN FOR YOUR RECORDS)

Form 477 Filing Summary

FRN: **0025646373** | Data as of: **Dec 31, 2020** | Operations: **Non-ILEC** | Submission Status: **Original - Submitted** | Last Updated: **Mar 13, 2021 00:21:45**

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_03_12_2021_DELIVERY.csv	Mar 12, 2021 16:35:35	2321290
Fixed Broadband Subscription	202012_TotalCompany477Internet.txt	Mar 1, 2021 15:45:23	386330

Fixed Broadband Deployment

Census Block Counts by State, DBA Name and Technology

State	DBA Name	Technology	Blocks
Alabama	Charter Communications Inc	Cable Modem – DOCSIS 3.1	84044
		Optical Carrier/Fiber to the End User	753
Arizona	Charter Communications Inc	Cable Modem – DOCSIS 3.1	5283
		Optical Carrier/Fiber to the End User	81
Arkansas	Charter Communications Inc	Cable Modem – DOCSIS 3.1	2

State	DBA Name	Technology	Blocks
		Optical Carrier/Fiber to the End User	2
California	Charter Communications Inc	Cable Modem – DOCSIS 3.1	228539
		Optical Carrier/Fiber to the End User	7094
Colorado	Charter Communications Inc	Cable Modem – DOCSIS 3.1	15818
		Optical Carrier/Fiber to the End User	85
Connecticut	Charter Communications Inc	Cable Modem – DOCSIS 3.1	8834
		Optical Carrier/Fiber to the End User	107
Florida	Charter Communications Inc	Cable Modem – DOCSIS 3.1	145503
		Optical Carrier/Fiber to the End User	2849
Georgia	Charter Communications Inc	Cable Modem – DOCSIS 3.1	38573
		Optical Carrier/Fiber to the End User	668
Hawaii	Charter Communications Inc	Cable Modem – DOCSIS 3.1	14225
		Optical Carrier/Fiber to the End User	360
Idaho	Charter Communications Inc	Cable Modem – DOCSIS 3.1	4106
		Optical Carrier/Fiber to the End User	81
Illinois	Charter Communications Inc	Cable Modem – DOCSIS 3.1	22886
		Optical Carrier/Fiber to the End User	405
Indiana	Charter Communications Inc	Cable Modem – DOCSIS 3.1	35628
		Optical Carrier/Fiber to the End User	498
Iowa	Charter Communications Inc	Cable Modem – DOCSIS 3.1	3
		Optical Carrier/Fiber to the End User	3
Kansas	Charter Communications Inc	Cable Modem – DOCSIS 3.1	11240
		Optical Carrier/Fiber to the End User	355
Kentucky	Charter Communications Inc	Cable Modem – DOCSIS 3.1	61186
		Optical Carrier/Fiber to the End User	1915
Louisiana	Charter Communications Inc	Cable Modem – DOCSIS 3.1	18903
		Optical Carrier/Fiber to the End User	245
Maine	Charter Communications Inc	Cable Modem – DOCSIS 3.1	36579
		Optical Carrier/Fiber to the End User	644
Maryland	Charter Communications Inc	Cable Modem – DOCSIS 3.1	424
		Optical Carrier/Fiber to the End User	1
Massachusetts	Charter Communications Inc	Cable Modem – DOCSIS 3.1	22684

State	DBA Name	Technology	Blocks
		Optical Carrier/Fiber to the End User	640
Michigan	Charter Communications Inc	Cable Modem – DOCSIS 3.1	82397
		Optical Carrier/Fiber to the End User	1163
Minnesota	Charter Communications Inc	Cable Modem – DOCSIS 3.1	30024
		Optical Carrier/Fiber to the End User	447
Mississippi	Charter Communications Inc	Cable Modem – DOCSIS 3.1	1074
		Optical Carrier/Fiber to the End User	5
Missouri	Charter Communications Inc	Cable Modem – DOCSIS 3.1	84457
		Optical Carrier/Fiber to the End User	2107
Montana	Charter Communications Inc	Cable Modem – DOCSIS 3.1	22616
		Optical Carrier/Fiber to the End User	284
Nebraska	Charter Communications Inc	Cable Modem – DOCSIS 3.1	32438
		Optical Carrier/Fiber to the End User	255
Nevada	Charter Communications Inc	Cable Modem – DOCSIS 3.1	12686
		Optical Carrier/Fiber to the End User	359
New Hampshire	Charter Communications Inc	Cable Modem – DOCSIS 3.1	9216
		Optical Carrier/Fiber to the End User	110
New Jersey	Charter Communications Inc	Cable Modem – DOCSIS 3.1	2175
		Optical Carrier/Fiber to the End User	85
New Mexico	Charter Communications Inc	Cable Modem – DOCSIS 3.1	760
		Optical Carrier/Fiber to the End User	10
New York	Charter Communications Inc	Cable Modem – DOCSIS 3.1	196531
		Optical Carrier/Fiber to the End User	8583
North Carolina	Charter Communications Inc	Cable Modem – DOCSIS 3.1	191041
		Optical Carrier/Fiber to the End User	6068
Ohio	Charter Communications Inc	Cable Modem – DOCSIS 3.1	238464
		Optical Carrier/Fiber to the End User	6855
Oklahoma	Charter Communications Inc	Cable Modem – DOCSIS 3.1	1
		Optical Carrier/Fiber to the End User	1
Oregon	Charter Communications Inc	Cable Modem – DOCSIS 3.1	29440
		Optical Carrier/Fiber to the End User	221
Pennsylvania	Charter Communications Inc	Cable Modem – DOCSIS 3.1	10704

State	DBA Name	Technology	Blocks
		Optical Carrier/Fiber to the End User	232
Rhode Island	Charter Communications Inc	Cable Modem – DOCSIS 3.1	5
South Carolina	Charter Communications Inc	Cable Modem – DOCSIS 3.1	77228
		Optical Carrier/Fiber to the End User	2075
Tennessee	Charter Communications Inc	Cable Modem – DOCSIS 3.1	65424
		Optical Carrier/Fiber to the End User	884
Texas	Charter Communications Inc	Cable Modem – DOCSIS 3.1	252104
		Optical Carrier/Fiber to the End User	8829
Utah	Charter Communications Inc	Cable Modem – DOCSIS 3.1	1
		Optical Carrier/Fiber to the End User	1
Vermont	Charter Communications Inc	Cable Modem – DOCSIS 3.1	2296
		Optical Carrier/Fiber to the End User	15
Virginia	Charter Communications Inc	Cable Modem – DOCSIS 3.1	11209
		Optical Carrier/Fiber to the End User	132
Washington	Charter Communications Inc	Cable Modem – DOCSIS 3.1	16997
		Optical Carrier/Fiber to the End User	264
West Virginia	Charter Communications Inc	Cable Modem – DOCSIS 3.1	4028
		Optical Carrier/Fiber to the End User	16
Wisconsin	Charter Communications Inc	Cable Modem – DOCSIS 3.1	119116
		Optical Carrier/Fiber to the End User	4062
Wyoming	Charter Communications Inc	Cable Modem – DOCSIS 3.1	14410
		Optical Carrier/Fiber to the End User	139
Total			**2321290**

Fixed Broadband Subscription

Fixed Broadband Subscriptions by State, Technology and End-user Type

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Alabama	Cable Modem	6993	525492	41380	566872
	Optical Carrier/Fiber to the End User	647	1162	988	2150
Arizona	Cable Modem	596	54456	2434	56890
	Optical Carrier/Fiber to the End User	75	0	94	94
Arkansas	Optical Carrier/Fiber to the End User	2	0	2	2

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
California	Cable Modem	53831	4581141	285807	4866948
	Optical Carrier/Fiber to the End User	7115	2311	17955	20266
Colorado	Cable Modem	929	108163	8482	116645
	Optical Carrier/Fiber to the End User	73	312	99	411
Connecticut	Cable Modem	986	108505	6881	115386
	Optical Carrier/Fiber to the End User	107	111	134	245
Florida	Cable Modem	27469	2413578	166796	2580374
	Optical Carrier/Fiber to the End User	3156	37842	5267	43109
Georgia	Cable Modem	4320	365803	33052	398855
	Optical Carrier/Fiber to the End User	533	1201	931	2132
Hawaii	Cable Modem	4317	390052	31600	421652
	Optical Carrier/Fiber to the End User	437	4425	617	5042
Idaho	Cable Modem	412	53763	3329	57092
	Optical Carrier/Fiber to the End User	59	0	100	100
Illinois	Cable Modem	1873	173700	11044	184744
	Optical Carrier/Fiber to the End User	328	209	516	725
Indiana	Cable Modem	4971	276922	17677	294599
	Optical Carrier/Fiber to the End User	368	977	626	1603
Iowa	Optical Carrier/Fiber to the End User	3	0	3	3
Kansas	Cable Modem	2439	111561	9193	120754
	Optical Carrier/Fiber to the End User	283	729	508	1237
Kentucky	Cable Modem	10290	668938	47884	716822
	Optical Carrier/Fiber to the End User	1395	4691	2760	7451
Louisiana	Cable Modem	1457	137605	10545	148150
	Optical Carrier/Fiber to the End User	197	0	317	317
Maine	Cable Modem	4720	385656	25158	410814
	Optical Carrier/Fiber to the End User	419	770	733	1503
Maryland	Cable Modem	21	1692	84	1776
	Optical Carrier/Fiber to the End User	1	0	1	1
Massachusetts	Cable Modem	2461	274834	18234	293068
	Optical Carrier/Fiber to the End User	404	2199	601	2800
Michigan	Cable Modem	9117	770522	55486	826008

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
	Optical Carrier/Fiber to the End User	998	1163	1473	2636
Minnesota	Cable Modem	2981	304435	18758	323193
	Optical Carrier/Fiber to the End User	356	1383	510	1893
Mississippi	Cable Modem	82	8212	570	8782
	Optical Carrier/Fiber to the End User	5	0	6	6
Missouri	Cable Modem	9369	726934	58625	785559
	Optical Carrier/Fiber to the End User	1586	2774	3345	6119
Montana	Cable Modem	1509	209063	20422	229485
	Optical Carrier/Fiber to the End User	230	965	319	1284
Nebraska	Cable Modem	2241	145105	9345	154450
	Optical Carrier/Fiber to the End User	229	149	288	437
Nevada	Cable Modem	1686	181418	12899	194317
	Optical Carrier/Fiber to the End User	289	1149	626	1775
New Hampshire	Cable Modem	681	66128	4252	70380
	Optical Carrier/Fiber to the End User	78	37	129	166
New Jersey	Cable Modem	599	43513	4091	47604
	Optical Carrier/Fiber to the End User	58	300	140	440
New Mexico	Cable Modem	88	7416	233	7649
	Optical Carrier/Fiber to the End User	9	0	11	11
New York	Cable Modem	42756	2995306	214580	3209886
	Optical Carrier/Fiber to the End User	4599	20433	7654	28087
North Carolina	Cable Modem	28146	2327809	168821	2496630
	Optical Carrier/Fiber to the End User	4460	29487	8633	38120
Ohio	Cable Modem	36556	2310233	150007	2460240
	Optical Carrier/Fiber to the End User	5061	5155	10239	15394
Oklahoma	Optical Carrier/Fiber to the End User	1	0	1	1
Oregon	Cable Modem	2147	233561	18090	251651
	Optical Carrier/Fiber to the End User	202	507	245	752
Pennsylvania	Cable Modem	1747	114753	7752	122505
	Optical Carrier/Fiber to the End User	185	0	281	281
Rhode Island	Cable Modem	1	7	0	7
South Carolina	Cable Modem	8989	770687	56391	827078

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
	Optical Carrier/Fiber to the End User	1447	8297	2726	11023
Tennessee	Cable Modem	5230	424236	33990	458226
	Optical Carrier/Fiber to the End User	690	989	1091	2080
Texas	Cable Modem	38723	2917224	238050	3155274
	Optical Carrier/Fiber to the End User	6638	23373	14289	37662
Utah	Optical Carrier/Fiber to the End User	1	0	1	1
Vermont	Cable Modem	234	13877	1223	15100
	Optical Carrier/Fiber to the End User	14	0	16	16
Virginia	Cable Modem	809	61995	4147	66142
	Optical Carrier/Fiber to the End User	114	0	169	169
Washington	Cable Modem	1582	191322	11483	202805
	Optical Carrier/Fiber to the End User	217	262	335	597
West Virginia	Cable Modem	447	20178	1357	21535
	Optical Carrier/Fiber to the End User	17	0	18	18
Wisconsin	Cable Modem	15569	1279976	86492	1366468
	Optical Carrier/Fiber to the End User	2951	2704	6081	8785
Wyoming	Cable Modem	818	105694	8894	114588
	Optical Carrier/Fiber to the End User	101	0	164	164
Total		**386330**	**27017531**	**1996580**	**29014111**

Fixed Broadband Subscriptions by Bandwidths and End-user Type

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
0.256	0.128	0	5	5
0.256	0.256	0	1	1
0.384	0.128	0	26	26
0.512	0.128	0	55	55
0.512	0.256	0	6	6
0.512	0.512	0	860	860
0.768	0.128	0	1	1
0.768	0.256	0	24	24
0.768	0.384	0	1	1
0.768	0.768	0	2	2
1.000	0.256	2	150	152

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
1.000	0.384	0	4	4
1.000	0.512	0	1	1
1.000	0.768	0	4	4
1.000	1.000	6053	365	6418
1.500	0.256	0	197	197
1.500	0.384	0	28	28
1.500	0.768	0	80	80
1.500	1.000	107	0	107
1.500	1.500	0	68	68
2.000	0.256	7	56	63
2.000	0.384	12	407	419
2.000	0.512	1	30	31
2.000	0.768	1	11	12
2.000	1.000	1	8	9
2.000	2.000	1	796	797
3.000	0.256	38	0	38
3.000	0.384	12	828	840
3.000	0.512	5	61	66
3.000	0.768	0	47	47
3.000	1.000	8306	81	8387
3.000	1.500	0	9	9
3.000	3.000	0	403	403
4.000	0.256	0	4	4
4.000	0.384	2	38	40
4.000	0.768	0	905	905
4.000	2.000	1	39	40
5.000	0.384	6	266	272
5.000	0.512	3	641	644
5.000	0.768	37	1146	1183
5.000	1.000	390	449	839
5.000	1.500	3	89	92
5.000	2.000	19	21	40

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
5.000	5.000	1540	805	2345
6.000	2.000	0	9	9
6.000	6.000	0	1	1
7.000	0.384	1	8	9
7.000	0.512	49	114	163
7.000	0.768	10	14071	14081
7.000	1.000	10127	126	10253
7.000	1.500	0	413	413
7.000	2.000	11	805	816
8.000	0.384	3	10	13
8.000	0.768	0	201	201
8.000	1.000	1	49	50
8.000	1.500	57	81	138
8.000	2.000	0	185	185
8.000	2.500	0	3	3
8.000	8.000	0	1	1
10.000	0.384	0	118	118
10.000	0.512	47	0	47
10.000	0.768	0	249	249
10.000	1.000	86	21928	22014
10.000	1.500	353	3915	4268
10.000	2.000	41	907	948
10.000	2.500	0	51	51
10.000	10.000	0	3345	3345
12.000	0.512	115	0	115
12.000	1.000	0	16	16
12.000	1.500	0	869	869
15.000	0.512	0	2	2
15.000	1.000	4243	2354	6597
15.000	2.000	170	29957	30127
15.000	3.000	83510	682	84192
15.000	15.000	0	17	17

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
16.000	2.500	0	33	33
18.000	1.000	10	3	13
18.000	2.000	6	1645	1651
18.000	3.000	0	40	40
20.000	1.000	30	49	79
20.000	2.000	768998	2363	771361
20.000	3.000	0	794	794
20.000	20.000	0	2552	2552
25.000	3.000	36909	3879	40788
25.000	25.000	0	22103	22103
30.000	2.000	6	0	6
30.000	4.000	1276547	29	1276576
30.000	5.000	144506	9	144515
30.000	10.000	0	105	105
30.000	30.000	0	811	811
35.000	3.000	0	1162	1162
35.000	5.000	0	5164	5164
35.000	35.000	0	18	18
40.000	4.000	0	83	83
40.000	40.000	0	176	176
45.000	45.000	0	10	10
50.000	5.000	299577	27456	327033
50.000	50.000	0	18369	18369
60.000	4.000	5	14489	14494
60.000	5.000	626741	12865	639606
60.000	60.000	0	37	37
65.000	65.000	0	1	1
70.000	5.000	2	2243	2245
70.000	70.000	0	49	49
75.000	7.000	0	3	3
80.000	5.000	0	760	760
80.000	80.000	0	43	43

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
90.000	90.000	0	7	7
100.000	1.000	475	0	475
100.000	4.000	0	4663	4663
100.000	5.000	866	191	1057
100.000	7.000	0	45799	45799
100.000	10.000	6814546	282272	7096818
100.000	20.000	1	0	1
100.000	100.000	26460	20116	46576
120.000	10.000	700	2	702
150.000	5.000	0	176	176
150.000	150.000	0	26	26
155.000	155.000	0	5	5
200.000	7.000	0	1238	1238
200.000	10.000	11665034	1052259	12717293
200.000	15.000	0	45042	45042
200.000	20.000	227005	3818	230823
200.000	200.000	0	8574	8574
250.000	250.000	0	19	19
300.000	20.000	269440	24871	294311
300.000	30.000	103	0	103
300.000	300.000	58801	144	58945
325.000	30.000	0	314	314
350.000	25.000	0	2545	2545
400.000	20.000	4474609	174570	4649179
400.000	400.000	3720	20	3740
500.000	500.000	230	3622	3852
600.000	35.000	0	90190	90190
600.000	600.000	0	4	4
700.000	700.000	0	1	1
800.000	800.000	0	1	1
850.000	850.000	0	1	1
900.000	900.000	0	2	2

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
940.000	35.000	205972	23499	229471
1000.000	1000.000	861	5056	5917
2000.000	2000.000	0	337	337
3000.000	3000.000	0	1	1
5000.000	5000.000	0	167	167
8000.000	8000.000	0	1	1
10000.000	10000.000	0	179	179
Total		**27017531**	**1996580**	**29014111**

Fixed Broadband Subscriptions by Technology, Bandwidths and End-user Type

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
Cable Modem	0.256	0.128	0	5	5
	0.256	0.256	0	1	1
	0.384	0.128	0	26	26
	0.512	0.128	0	55	55
	0.512	0.256	0	6	6
	0.512	0.512	0	860	860
	0.768	0.128	0	1	1
	0.768	0.256	0	24	24
	0.768	0.384	0	1	1
	0.768	0.768	0	2	2
	1.000	0.256	2	150	152
	1.000	0.384	0	4	4
	1.000	0.512	0	1	1
	1.000	0.768	0	4	4
	1.000	1.000	6053	182	6235
	1.500	0.256	0	197	197
	1.500	0.384	0	28	28
	1.500	0.768	0	80	80
	1.500	1.000	107	0	107
	1.500	1.500	0	68	68
	2.000	0.256	7	56	63
	2.000	0.384	12	406	418

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	2.000	0.512	1	30	31
	2.000	0.768	1	11	12
	2.000	1.000	1	8	9
	2.000	2.000	1	788	789
	3.000	0.256	38	0	38
	3.000	0.384	12	826	838
	3.000	0.512	5	61	66
	3.000	0.768	0	47	47
	3.000	1.000	8302	81	8383
	3.000	1.500	0	9	9
	3.000	3.000	0	374	374
	4.000	0.256	0	4	4
	4.000	0.384	2	38	40
	4.000	0.768	0	905	905
	4.000	2.000	1	39	40
	5.000	0.384	6	266	272
	5.000	0.512	3	641	644
	5.000	0.768	37	1146	1183
	5.000	1.000	390	449	839
	5.000	1.500	3	89	92
	5.000	2.000	19	21	40
	5.000	5.000	1540	470	2010
	6.000	2.000	0	9	9
	7.000	0.384	1	8	9
	7.000	0.512	49	114	163
	7.000	0.768	10	14064	14074
	7.000	1.000	9855	126	9981
	7.000	1.500	0	412	412
	7.000	2.000	11	805	816
	8.000	0.384	3	10	13
	8.000	0.768	0	201	201
	8.000	1.000	1	49	50

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	8.000	1.500	57	81	138
	8.000	2.000	0	185	185
	8.000	2.500	0	3	3
	10.000	0.384	0	118	118
	10.000	0.512	47	0	47
	10.000	0.768	0	249	249
	10.000	1.000	86	21902	21988
	10.000	1.500	353	3915	4268
	10.000	2.000	41	906	947
	10.000	2.500	0	51	51
	10.000	10.000	0	2159	2159
	12.000	0.512	115	0	115
	12.000	1.000	0	16	16
	12.000	1.500	0	864	864
	15.000	0.512	0	2	2
	15.000	1.000	4236	2354	6590
	15.000	2.000	170	29920	30090
	15.000	3.000	83507	682	84189
	16.000	2.500	0	33	33
	18.000	1.000	10	3	13
	18.000	2.000	6	1634	1640
	18.000	3.000	0	40	40
	20.000	1.000	30	49	79
	20.000	2.000	768875	2363	771238
	20.000	3.000	0	794	794
	20.000	20.000	0	1319	1319
	25.000	3.000	36753	3869	40622
	30.000	2.000	6	0	6
	30.000	4.000	1275918	29	1275947
	30.000	5.000	144482	9	144491
	30.000	10.000	0	105	105
	30.000	30.000	0	36	36

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	35.000	3.000	0	1158	1158
	35.000	5.000	0	5149	5149
	40.000	4.000	0	83	83
	50.000	5.000	299273	27412	326685
	60.000	4.000	5	14488	14493
	60.000	5.000	626030	12857	638887
	70.000	5.000	2	2243	2245
	75.000	7.000	0	3	3
	80.000	5.000	0	760	760
	100.000	1.000	475	0	475
	100.000	4.000	0	4663	4663
	100.000	5.000	866	191	1057
	100.000	7.000	0	45799	45799
	100.000	10.000	6802139	281436	7083575
	100.000	20.000	1	0	1
	120.000	10.000	700	2	702
	150.000	5.000	0	176	176
	200.000	7.000	0	1238	1238
	200.000	10.000	11632420	1047549	12679969
	200.000	15.000	0	44827	44827
	200.000	20.000	226631	3810	230441
	300.000	20.000	267416	24619	292035
	325.000	30.000	0	313	313
	350.000	25.000	0	2543	2543
	400.000	20.000	4459476	173293	4632769
	600.000	35.000	0	89678	89678
	940.000	35.000	204866	23300	228166
Optical Carrier/Fiber to the End User	1.000	1.000	0	183	183
	2.000	0.384	0	1	1
	2.000	2.000	0	8	8
	3.000	0.384	0	2	2
	3.000	1.000	4	0	4

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	3.000	3.000	0	29	29
	5.000	5.000	0	335	335
	6.000	6.000	0	1	1
	7.000	0.768	0	7	7
	7.000	1.000	272	0	272
	7.000	1.500	0	1	1
	8.000	8.000	0	1	1
	10.000	1.000	0	26	26
	10.000	2.000	0	1	1
	10.000	10.000	0	1186	1186
	12.000	1.500	0	5	5
	15.000	1.000	7	0	7
	15.000	2.000	0	37	37
	15.000	3.000	3	0	3
	15.000	15.000	0	17	17
	18.000	2.000	0	11	11
	20.000	2.000	123	0	123
	20.000	20.000	0	1233	1233
	25.000	3.000	156	10	166
	25.000	25.000	0	22103	22103
	30.000	4.000	629	0	629
	30.000	5.000	24	0	24
	30.000	30.000	0	775	775
	35.000	3.000	0	4	4
	35.000	5.000	0	15	15
	35.000	35.000	0	18	18
	40.000	40.000	0	176	176
	45.000	45.000	0	10	10
	50.000	5.000	304	44	348
	50.000	50.000	0	18369	18369
	60.000	4.000	0	1	1
	60.000	5.000	711	8	719

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	60.000	60.000	0	37	37
	65.000	65.000	0	1	1
	70.000	70.000	0	49	49
	80.000	80.000	0	43	43
	90.000	90.000	0	7	7
	100.000	10.000	12407	836	13243
	100.000	100.000	26460	20116	46576
	150.000	150.000	0	26	26
	155.000	155.000	0	5	5
	200.000	10.000	32614	4710	37324
	200.000	15.000	0	215	215
	200.000	20.000	374	8	382
	200.000	200.000	0	8574	8574
	250.000	250.000	0	19	19
	300.000	20.000	2024	252	2276
	300.000	30.000	103	0	103
	300.000	300.000	58801	144	58945
	325.000	30.000	0	1	1
	350.000	25.000	0	2	2
	400.000	20.000	15133	1277	16410
	400.000	400.000	3720	20	3740
	500.000	500.000	230	3622	3852
	600.000	35.000	0	512	512
	600.000	600.000	0	4	4
	700.000	700.000	0	1	1
	800.000	800.000	0	1	1
	850.000	850.000	0	1	1
	900.000	900.000	0	2	2
	940.000	35.000	1106	199	1305
	1000.000	1000.000	861	5056	5917
	2000.000	2000.000	0	337	337
	3000.000	3000.000	0	1	1

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	5000.000	5000.000	0	167	167
	8000.000	8000.000	0	1	1
	10000.000	10000.000	0	179	179
Total			**27017531**	**1996580**	**29014111**

Federal Communications Commission

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Form 477 Filing Summary

FRN: **0025646373** | Data as of: **Jun 30, 2020** | Operations: **Non-ILEC** | Submission Status: **Original - Submitted** | Last Updated: **Aug 27, 2020 15 44 03**

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 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_08_11_2020_DELIVERY csv	Aug 13, 2020 12:03:03	2301838
Fixed Broadband Subscription	202006_TotalCompany477Internet.txt	Aug 10, 2020 19:31:48	395869

Fixed Broadband Deployment

Census Block Counts by State, DBA Name and Technology

State	DBA Name	Technology	Blocks
Alabama	Charter Communications Inc	Cable Modem – DOCSIS 3.1	83893
		Optical Carrier/Fiber to the End User	694
Arizona	Charter Communications Inc	Cable Modem – DOCSIS 3.1	5275

State	DBA Name	Technology	Blocks
		Optical Carrier/Fiber to the End User	65
California	Charter Communications Inc	Cable Modem – DOCSIS 3.1	228283
		Optical Carrier/Fiber to the End User	6109
Colorado	Charter Communications Inc	Cable Modem – DOCSIS 3.1	15809
		Optical Carrier/Fiber to the End User	76
Connecticut	Charter Communications Inc	Cable Modem – DOCSIS 3.1	8825
		Optical Carrier/Fiber to the End User	103
Florida	Charter Communications Inc	Cable Modem – DOCSIS 3.1	145357
		Optical Carrier/Fiber to the End User	2491
Georgia	Charter Communications Inc	Cable Modem – DOCSIS 3.1	38470
		Optical Carrier/Fiber to the End User	633
Hawaii	Charter Communications Inc	Cable Modem – DOCSIS 3.1	14197
		Optical Carrier/Fiber to the End User	330
Idaho	Charter Communications Inc	Cable Modem – DOCSIS 3.1	4098
		Optical Carrier/Fiber to the End User	75
Illinois	Charter Communications Inc	Cable Modem – DOCSIS 3.1	22514
		Optical Carrier/Fiber to the End User	371
Indiana	Charter Communications Inc	Cable Modem – DOCSIS 3.1	32918
		Optical Carrier/Fiber to the End User	405
Kansas	Charter Communications Inc	Cable Modem – DOCSIS 3.1	11230
		Optical Carrier/Fiber to the End User	288
Kentucky	Charter Communications Inc	Cable Modem – DOCSIS 3.1	61126
		Optical Carrier/Fiber to the End User	1541
Louisiana	Charter Communications Inc	Cable Modem – DOCSIS 3.1	18885
		Optical Carrier/Fiber to the End User	243
Maine	Charter Communications Inc	Cable Modem – DOCSIS 3.1	36549
		Optical Carrier/Fiber to the End User	606
Maryland	Charter Communications Inc	Cable Modem – DOCSIS 3.1	423
Massachusetts	Charter Communications Inc	Cable Modem – DOCSIS 3.1	22652
		Optical Carrier/Fiber to the End User	583
Michigan	Charter Communications Inc	Cable Modem – DOCSIS 3.1	80978
		Optical Carrier/Fiber to the End User	1109
Minnesota	Charter Communications Inc	Cable Modem – DOCSIS 3.1	29985
		Optical Carrier/Fiber to the End User	410

State	DBA Name	Technology	Blocks
Mississippi	Charter Communications Inc	Cable Modem – DOCSIS 3.1	1059
		Optical Carrier/Fiber to the End User	5
Missouri	Charter Communications Inc	Cable Modem – DOCSIS 3.1	82569
		Optical Carrier/Fiber to the End User	1944
Montana	Charter Communications Inc	Cable Modem – DOCSIS 3.1	22558
		Optical Carrier/Fiber to the End User	259
Nebraska	Charter Communications Inc	Cable Modem – DOCSIS 3.1	32314
		Optical Carrier/Fiber to the End User	235
Nevada	Charter Communications Inc	Cable Modem – DOCSIS 3.1	12640
		Optical Carrier/Fiber to the End User	344
New Hampshire	Charter Communications Inc	Cable Modem – DOCSIS 3.1	9207
		Optical Carrier/Fiber to the End User	102
New Jersey	Charter Communications Inc	Cable Modem – DOCSIS 3.1	2168
		Optical Carrier/Fiber to the End User	64
New Mexico	Charter Communications Inc	Cable Modem – DOCSIS 3.1	758
		Optical Carrier/Fiber to the End User	7
New York	Charter Communications Inc	Cable Modem – DOCSIS 3.1	196673
		Optical Carrier/Fiber to the End User	5706
North Carolina	Charter Communications Inc	Cable Modem – DOCSIS 3.1	190792
		Optical Carrier/Fiber to the End User	5093
Ohio	Charter Communications Inc	Cable Modem – DOCSIS 3.1	237719
		Optical Carrier/Fiber to the End User	5859
Oklahoma	Charter Communications Inc	Optical Carrier/Fiber to the End User	1
Oregon	Charter Communications Inc	Cable Modem – DOCSIS 3.1	29190
		Optical Carrier/Fiber to the End User	215
Pennsylvania	Charter Communications Inc	Cable Modem – DOCSIS 3.1	10683
		Optical Carrier/Fiber to the End User	211
Rhode Island	Charter Communications Inc	Cable Modem – DOCSIS 3.1	5
South Carolina	Charter Communications Inc	Cable Modem – DOCSIS 3.1	77144
		Optical Carrier/Fiber to the End User	1832
Tennessee	Charter Communications Inc	Cable Modem – DOCSIS 3.1	65266
		Optical Carrier/Fiber to the End User	836
Texas	Charter Communications Inc	Cable Modem – DOCSIS 3.1	251120
		Optical Carrier/Fiber to the End User	7754

State	DBA Name	Technology	Blocks
Vermont	Charter Communications Inc	Cable Modem – DOCSIS 3.1	2286
		Optical Carrier/Fiber to the End User	16
Virginia	Charter Communications Inc	Cable Modem – DOCSIS 3.1	11193
		Optical Carrier/Fiber to the End User	126
Washington	Charter Communications Inc	Cable Modem – DOCSIS 3.1	16961
		Optical Carrier/Fiber to the End User	257
West Virginia	Charter Communications Inc	Cable Modem – DOCSIS 3.1	4023
		Optical Carrier/Fiber to the End User	12
Wisconsin	Charter Communications Inc	Cable Modem – DOCSIS 3.1	118760
		Optical Carrier/Fiber to the End User	3746
Wyoming	Charter Communications Inc	Cable Modem – DOCSIS 3.1	14391
		Optical Carrier/Fiber to the End User	136
Total			2301838

Fixed Broadband Subscription

Fixed Broadband Subscriptions by State, Technology and End-user Type

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Alabama	Cable Modem	7191	504977	40794	545771
	Optical Carrier/Fiber to the End User	611	890	894	1784
Arizona	Cable Modem	659	50091	2291	52382
	Optical Carrier/Fiber to the End User	64	0	75	75
California	Cable Modem	55756	4422726	268575	4691301
	Optical Carrier/Fiber to the End User	6303	1829	15720	17549
Colorado	Cable Modem	906	103836	8245	112081
	Optical Carrier/Fiber to the End User	65	337	85	422
Connecticut	Cable Modem	981	104772	6846	111618
	Optical Carrier/Fiber to the End User	102	50	132	182
Florida	Cable Modem	29439	2331878	189819	2521697
	Optical Carrier/Fiber to the End User	2809	32211	4524	36735
Georgia	Cable Modem	4346	353691	31908	385599
	Optical Carrier/Fiber to the End User	522	1300	881	2181
Hawaii	Cable Modem	4566	380236	30360	410596
	Optical Carrier/Fiber to the End User	396	4439	549	4988

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Idaho	Cable Modem	441	52393	3143	55536
	Optical Carrier/Fiber to the End User	55	0	89	89
Illinois	Cable Modem	1876	169180	11084	180264
	Optical Carrier/Fiber to the End User	307	223	478	701
Indiana	Cable Modem	5184	269034	17841	286875
	Optical Carrier/Fiber to the End User	307	1207	493	1700
Kansas	Cable Modem	2527	110496	8810	119306
	Optical Carrier/Fiber to the End User	242	646	391	1037
Kentucky	Cable Modem	10672	659139	45483	704622
	Optical Carrier/Fiber to the End User	1180	5596	2029	7625
Louisiana	Cable Modem	1501	132448	10476	142924
	Optical Carrier/Fiber to the End User	195	0	310	310
Maine	Cable Modem	4922	377249	24597	401846
	Optical Carrier/Fiber to the End User	401	680	669	1349
Maryland	Cable Modem	24	1625	84	1709
Massachusetts	Cable Modem	2520	269459	17822	287281
	Optical Carrier/Fiber to the End User	391	2114	585	2699
Michigan	Cable Modem	9175	752581	57681	810262
	Optical Carrier/Fiber to the End User	979	1159	1406	2565
Minnesota	Cable Modem	3019	298843	19849	318692
	Optical Carrier/Fiber to the End User	335	1376	470	1846
Mississippi	Cable Modem	79	7672	561	8233
	Optical Carrier/Fiber to the End User	5	0	6	6
Missouri	Cable Modem	9540	712987	58815	771802
	Optical Carrier/Fiber to the End User	1510	3152	3095	6247
Montana	Cable Modem	1471	201779	19422	221201
	Optical Carrier/Fiber to the End User	210	871	284	1155
Nebraska	Cable Modem	2323	145667	9734	155401
	Optical Carrier/Fiber to the End User	214	148	258	406
Nevada	Cable Modem	1698	175571	12364	187935
	Optical Carrier/Fiber to the End User	275	885	595	1480
New Hampshire	Cable Modem	722	64271	4050	68321
	Optical Carrier/Fiber to the End User	73	37	120	157

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
New Jersey	Cable Modem	636	43693	3837	47530
	Optical Carrier/Fiber to the End User	44	294	105	399
New Mexico	Cable Modem	95	6913	193	7106
	Optical Carrier/Fiber to the End User	7	0	8	8
New York	Cable Modem	44773	2986310	207702	3194012
	Optical Carrier/Fiber to the End User	3815	12804	6180	18984
North Carolina	Cable Modem	28848	2280366	162425	2442791
	Optical Carrier/Fiber to the End User	3750	27835	6591	34426
Ohio	Cable Modem	38916	2243949	145077	2389026
	Optical Carrier/Fiber to the End User	4359	6480	8230	14710
Oklahoma	Optical Carrier/Fiber to the End User	1	0	1	1
Oregon	Cable Modem	2210	225038	19548	244586
	Optical Carrier/Fiber to the End User	196	522	237	759
Pennsylvania	Cable Modem	1869	111689	7661	119350
	Optical Carrier/Fiber to the End User	162	0	250	250
Rhode Island	Cable Modem	1	7	0	7
South Carolina	Cable Modem	9305	746432	53625	800057
	Optical Carrier/Fiber to the End User	1311	7857	2332	10189
Tennessee	Cable Modem	5335	412764	34725	447489
	Optical Carrier/Fiber to the End User	663	861	1031	1892
Texas	Cable Modem	41090	2854040	227895	3081935
	Optical Carrier/Fiber to the End User	5918	19966	11756	31722
Vermont	Cable Modem	226	13363	1242	14605
	Optical Carrier/Fiber to the End User	15	0	17	17
Virginia	Cable Modem	770	57758	3972	61730
	Optical Carrier/Fiber to the End User	112	0	162	162
Washington	Cable Modem	1605	184273	11683	195956
	Optical Carrier/Fiber to the End User	210	275	325	600
West Virginia	Cable Modem	462	19584	1280	20864
	Optical Carrier/Fiber to the End User	13	0	13	13
Wisconsin	Cable Modem	16410	1246403	89390	1335793
	Optical Carrier/Fiber to the End User	2751	2527	5408	7935
Wyoming	Cable Modem	801	103710	8599	112309

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
	Optical Carrier/Fiber to the End User	101	0	164	164
Total		395869	26327464	1956456	28283920

Fixed Broadband Subscriptions by Bandwidths and End-user Type

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
0.256	0.128	0	17	17
0.256	0 256	7	1	8
0.384	0.128	0	27	27
0.384	0.192	1	21	22
0.512	0.128	0	94	94
0.512	0 256	0	6	6
0.512	0 512	0	880	880
0.524	0 524	0	8	8
0.589	0 589	0	532	532
0.768	0.128	0	1	1
0.768	0 256	0	25	25
0.768	0 384	0	1	1
0.768	0.768	0	3	3
1.000	0.128	0	1	1
1.000	0 256	3	186	189
1.000	0 317	0	3	3
1.000	0 384	0	7	7
1.000	0.452	0	4	4
1.000	0 512	0	1	1
1.000	0.768	0	4	4
1.000	1 000	7450	462	7912
1.000	3 000	39291	0	39291
1.500	0 256	0	218	218
1.500	0 384	0	29	29
1.500	0 512	15	0	15
1.500	0.768	0	201	201
1.500	1 000	137	0	137
1.500	1 500	0	206	206
2.000	0 256	7	96	103

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
2.000	0.384	518	4826	5344
2.000	0.464	0	82	82
2.000	0.512	1	40	41
2.000	0.768	1	11	12
2.000	1.000	1	5	6
2.000	2.000	1	1207	1208
3.000	0.256	40	11088	11128
3.000	0.384	144	2106	2250
3.000	0.452	0	2	2
3.000	0.464	0	6	6
3.000	0.512	6	79	85
3.000	0.768	0	69	69
3.000	1.000	40991	164	41155
3.000	1.500	0	9	9
3.000	3.000	0	621	621
4.000	0.256	0	5	5
4.000	0.384	2	38	40
4.000	0.452	0	5	5
4.000	0.768	0	2	2
4.000	0.904	0	1116	1116
4.000	1.500	1	0	1
4.000	2.000	1	43	44
5.000	0.384	250	771	1021
5.000	0.442	0	37	37
5.000	0.512	3	1140	1143
5.000	0.603	0	26	26
5.000	0.768	44	1472	1516
5.000	1.000	452	598	1050
5.000	1.500	3	118	121
5.000	2.000	22	16	38
5.000	5.000	2590	883	3473
6.000	6.000	0	1	1
7.000	0.384	1	9	10
7.000	0.512	58	104	162

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
7.000	0.603	0	44	44
7.000	0.768	15	21767	21782
7.000	0.904	0	51	51
7.000	1.000	12413	408	12821
7.000	1.500	0	580	580
7.000	2.000	12	838	850
8.000	0.384	4	10	14
8.000	0.904	0	299	299
8.000	1.000	2	58	60
8.000	1.500	59	121	180
8.000	2.000	0	203	203
8.000	2.500	0	5	5
8.000	8.000	0	2	2
8.863	1.206	0	34	34
10.000	0.384	83	1570	1653
10.000	0.512	55	0	55
10.000	0.768	0	298	298
10.000	1.000	92	24425	24517
10.000	1.500	394	4945	5339
10.000	2.000	46	1323	1369
10.000	2.500	0	70	70
10.000	10.000	0	3303	3303
12.000	0.512	131	0	131
12.000	1.000	0	19	19
12.000	1.500	0	1292	1292
15.000	0.512	0	2	2
15.000	1.000	5093	3255	8348
15.000	2.000	203	34521	34724
15.000	3.000	95643	874	96517
15.000	15.000	0	18	18
16.000	2.500	0	41	41
18.000	1.000	12	4	16
18.000	2.000	6	1963	1969
18.000	3.000	0	56	56

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
20.000	1 000	30	99	129
20.000	2 000	900497	2483	902980
20.000	3 000	0	1685	1685
20.000	20.000	0	2611	2611
25.000	3 000	43230	4696	47926
25.000	25.000	0	18137	18137
30.000	2 000	9	0	9
30.000	4 000	1288794	28	1288822
30.000	5 000	180044	9	180053
30.000	30.000	0	647	647
35.000	3 000	0	1626	1626
35.000	5 000	1	6823	6824
35.000	35.000	0	25	25
40.000	4 000	0	100	100
40.000	40.000	1	188	189
45.000	45.000	0	13	13
50.000	5 000	173709	17074	190783
50.000	50.000	0	15128	15128
60.000	4 000	5	25295	25300
60.000	5 000	767854	15527	783381
60.000	60.000	0	49	49
65.000	65.000	0	1	1
70.000	5 000	20	14493	14513
70.000	70.000	0	50	50
75.000	7 000	0	4	4
80.000	5 000	0	1506	1506
80.000	80.000	0	38	38
90.000	90.000	0	10	10
100.000	1 000	566	0	566
100.000	4 000	0	7854	7854
100.000	5 000	1013	702	1715
100.000	7 000	0	70323	70323
100.000	10.000	9850833	358340	10209173
100.000	20.000	1	0	1

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
100.000	100 000	29298	17067	46365
120.000	10.000	860	2	862
120.000	120 000	0	1	1
150.000	5 000	0	279	279
150.000	150 000	0	35	35
155.000	155 000	0	6	6
200.000	7 000	0	2199	2199
200.000	10.000	8635738	899549	9535287
200.000	15.000	2	54627	54629
200.000	20.000	278347	4916	283263
200.000	200 000	0	7169	7169
250.000	250 000	0	25	25
300.000	20.000	316907	32477	349384
300.000	30.000	105	0	105
300.000	300 000	58428	137	58565
325.000	20.000	0	372	372
350.000	25.000	0	3105	3105
400.000	20.000	3461768	187332	3649100
400.000	400 000	0	19	19
500.000	500 000	120	2833	2953
550.000	550 000	0	2	2
600.000	35.000	0	22957	22957
600.000	600 000	0	4	4
700.000	700 000	0	1	1
800.000	800 000	0	1	1
850.000	850 000	0	1	1
900.000	900 000	0	1	1
940.000	35.000	131988	19073	151061
1000.000	1000.000	992	4049	5041
2000.000	2000.000	0	256	256
3000.000	3000.000	0	1	1
4000.000	4000.000	0	1	1
5000.000	5000.000	0	120	120
6000.000	6000.000	0	1	1

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
8000.000	8000.000	0	2	2
10000.000	10000 000	0	140	140
Total		26327464	1956456	28283920

Fixed Broadband Subscriptions by Technology, Bandwidths and End-user Type

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
Cable Modem	0 256	0.128	0	17	17
	0 256	0.256	7	1	8
	0 384	0.128	0	27	27
	0 384	0.192	1	21	22
	0 512	0.128	0	94	94
	0 512	0.256	0	6	6
	0 512	0.512	0	880	880
	0 524	0.524	0	8	8
	0 589	0.589	0	532	532
	0.768	0.128	0	1	1
	0.768	0.256	0	25	25
	0.768	0.384	0	1	1
	0.768	0.768	0	3	3
	1 000	0.128	0	1	1
	1 000	0.256	3	186	189
	1 000	0.317	0	3	3
	1 000	0.384	0	7	7
	1 000	0.452	0	4	4
	1 000	0.512	0	1	1
	1 000	0.768	0	4	4
	1 000	1.000	7450	251	7701
	1 000	3.000	39156	0	39156
	1 500	0.256	0	218	218
	1 500	0.384	0	29	29
	1 500	0.512	15	0	15
	1 500	0.768	0	201	201
	1 500	1.000	137	0	137
	1 500	1.500	0	206	206
	2 000	0.256	7	96	103

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	2 000	0.384	518	4822	5340
	2 000	0.464	0	82	82
	2 000	0.512	1	40	41
	2 000	0.768	1	11	12
	2 000	1.000	1	5	6
	2 000	2.000	1	1199	1200
	3 000	0.256	40	11088	11128
	3 000	0.384	144	2104	2248
	3 000	0.452	0	2	2
	3 000	0.464	0	6	6
	3 000	0.512	6	79	85
	3 000	0.768	0	69	69
	3 000	1.000	40964	164	41128
	3 000	1.500	0	9	9
	3 000	3.000	0	587	587
	4 000	0.256	0	5	5
	4 000	0.384	2	38	40
	4 000	0.452	0	5	5
	4 000	0.768	0	2	2
	4 000	0.904	0	1116	1116
	4 000	1.500	1	0	1
	4 000	2.000	1	43	44
	5 000	0.384	250	771	1021
	5 000	0.442	0	37	37
	5 000	0.512	3	1140	1143
	5 000	0.603	0	26	26
	5 000	0.768	44	1471	1515
	5 000	1.000	452	598	1050
	5 000	1.500	3	118	121
	5 000	2.000	22	16	38
	5 000	5.000	2589	513	3102
	7 000	0.384	1	9	10
	7 000	0.512	58	104	162

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	7 000	0.603	0	44	44
	7 000	0.768	15	21755	21770
	7 000	0.904	0	51	51
	7 000	1.000	12128	408	12536
	7 000	1.500	0	579	579
	7 000	2.000	12	838	850
	8 000	0.384	4	10	14
	8 000	0.904	0	299	299
	8 000	1.000	2	58	60
	8 000	1.500	59	121	180
	8 000	2.000	0	203	203
	8 000	2.500	0	5	5
	8 863	1.206	0	34	34
	10.000	0.384	83	1570	1653
	10.000	0.512	55	0	55
	10.000	0.768	0	298	298
	10.000	1.000	92	24401	24493
	10.000	1.500	394	4945	5339
	10.000	2.000	46	1322	1368
	10.000	2.500	0	70	70
	10.000	10 000	0	2138	2138
	12.000	0.512	131	0	131
	12.000	1.000	0	19	19
	12.000	1.500	0	1286	1286
	15.000	0.512	0	2	2
	15.000	1.000	5086	3255	8341
	15.000	2.000	203	34470	34673
	15.000	3.000	95640	874	96514
	16.000	2.500	0	41	41
	18.000	1.000	12	4	16
	18.000	2.000	6	1952	1958
	18.000	3.000	0	56	56
	20.000	1.000	30	99	129

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	20.000	2.000	900368	2483	902851
	20.000	3.000	0	1685	1685
	20.000	20 000	0	1268	1268
	25.000	3.000	43036	4684	47720
	30.000	2.000	9	0	9
	30.000	4.000	1288296	28	1288324
	30.000	5.000	180016	9	180025
	30.000	30 000	0	38	38
	35.000	3.000	0	1622	1622
	35.000	5.000	1	6807	6808
	40.000	4.000	0	100	100
	50.000	5.000	173631	17019	190650
	60.000	4.000	5	25295	25300
	60.000	5.000	767003	15520	782523
	70.000	5.000	20	14487	14507
	75.000	7.000	0	4	4
	80.000	5.000	0	1506	1506
	100 000	1.000	566	0	566
	100 000	4.000	0	7854	7854
	100 000	5.000	1013	701	1714
	100 000	7.000	0	70323	70323
	100 000	10 000	9822573	357230	10179803
	100 000	20 000	1	0	1
	120 000	10 000	860	2	862
	150 000	5.000	0	279	279
	200 000	7.000	0	2199	2199
	200 000	10 000	8629661	895536	9525197
	200 000	15 000	2	54362	54364
	200 000	20 000	277912	4906	282818
	300 000	20 000	314613	32159	346772
	325 000	20 000	0	371	371
	350 000	25 000	0	3103	3103
	400 000	20 000	3452020	185875	3637895

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	600 000	35 000	0	22846	22846
	940 000	35 000	131411	18898	150309
Optical Carrier/Fiber to the End User	1 000	1.000	0	211	211
	1 000	3.000	135	0	135
	2 000	0.384	0	4	4
	2 000	2.000	0	8	8
	3 000	0.384	0	2	2
	3 000	1.000	27	0	27
	3 000	3.000	0	34	34
	5 000	0.768	0	1	1
	5 000	5.000	1	370	371
	6 000	6.000	0	1	1
	7 000	0.768	0	12	12
	7 000	1.000	285	0	285
	7 000	1.500	0	1	1
	8 000	8.000	0	2	2
	10.000	1.000	0	24	24
	10.000	2.000	0	1	1
	10.000	10 000	0	1165	1165
	12.000	1.500	0	6	6
	15.000	1.000	7	0	7
	15.000	2.000	0	51	51
	15.000	3.000	3	0	3
	15.000	15 000	0	18	18
	18.000	2.000	0	11	11
	20.000	2.000	129	0	129
	20.000	20 000	0	1343	1343
	25.000	3.000	194	12	206
	25.000	25 000	0	18137	18137
	30.000	4.000	498	0	498
	30.000	5.000	28	0	28
	30.000	30 000	0	609	609
	35.000	3.000	0	4	4

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	35.000	5.000	0	16	16
	35.000	35 000	0	25	25
	40.000	40 000	1	188	189
	45.000	45 000	0	13	13
	50.000	5.000	78	55	133
	50.000	50 000	0	15128	15128
	60.000	5.000	851	7	858
	60.000	60 000	0	49	49
	65.000	65 000	0	1	1
	70.000	5.000	0	6	6
	70.000	70 000	0	50	50
	80.000	80 000	0	38	38
	90.000	90 000	0	10	10
	100 000	5.000	0	1	1
	100 000	10 000	28260	1110	29370
	100 000	100.000	29298	17067	46365
	120 000	120.000	0	1	1
	150 000	150.000	0	35	35
	155 000	155.000	0	6	6
	200 000	10 000	6077	4013	10090
	200 000	15 000	0	265	265
	200 000	20 000	435	10	445
	200 000	200.000	0	7169	7169
	250 000	250.000	0	25	25
	300 000	20 000	2294	318	2612
	300 000	30 000	105	0	105
	300 000	300.000	58428	137	58565
	325 000	20 000	0	1	1
	350 000	25 000	0	2	2
	400 000	20 000	9748	1457	11205
	400 000	400.000	0	19	19
	500 000	500.000	120	2833	2953
	550 000	550.000	0	2	2

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	600 000	35 000	0	111	111
	600 000	600.000	0	4	4
	700 000	700.000	0	1	1
	800 000	800.000	0	1	1
	850 000	850.000	0	1	1
	900 000	900.000	0	1	1
	940 000	35 000	577	175	752
	1000.000	1000 000	992	4049	5041
	2000.000	2000 000	0	256	256
	3000.000	3000 000	0	1	1
	4000.000	4000 000	0	1	1
	5000.000	5000 000	0	120	120
	6000.000	6000 000	0	1	1
	8000.000	8000 000	0	2	2
	10000 000	10000.000	0	140	140
Total			**26327464**	**1956456**	**28283920**

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 16 - RSSI Projection Shapefiles
Not Applicable

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

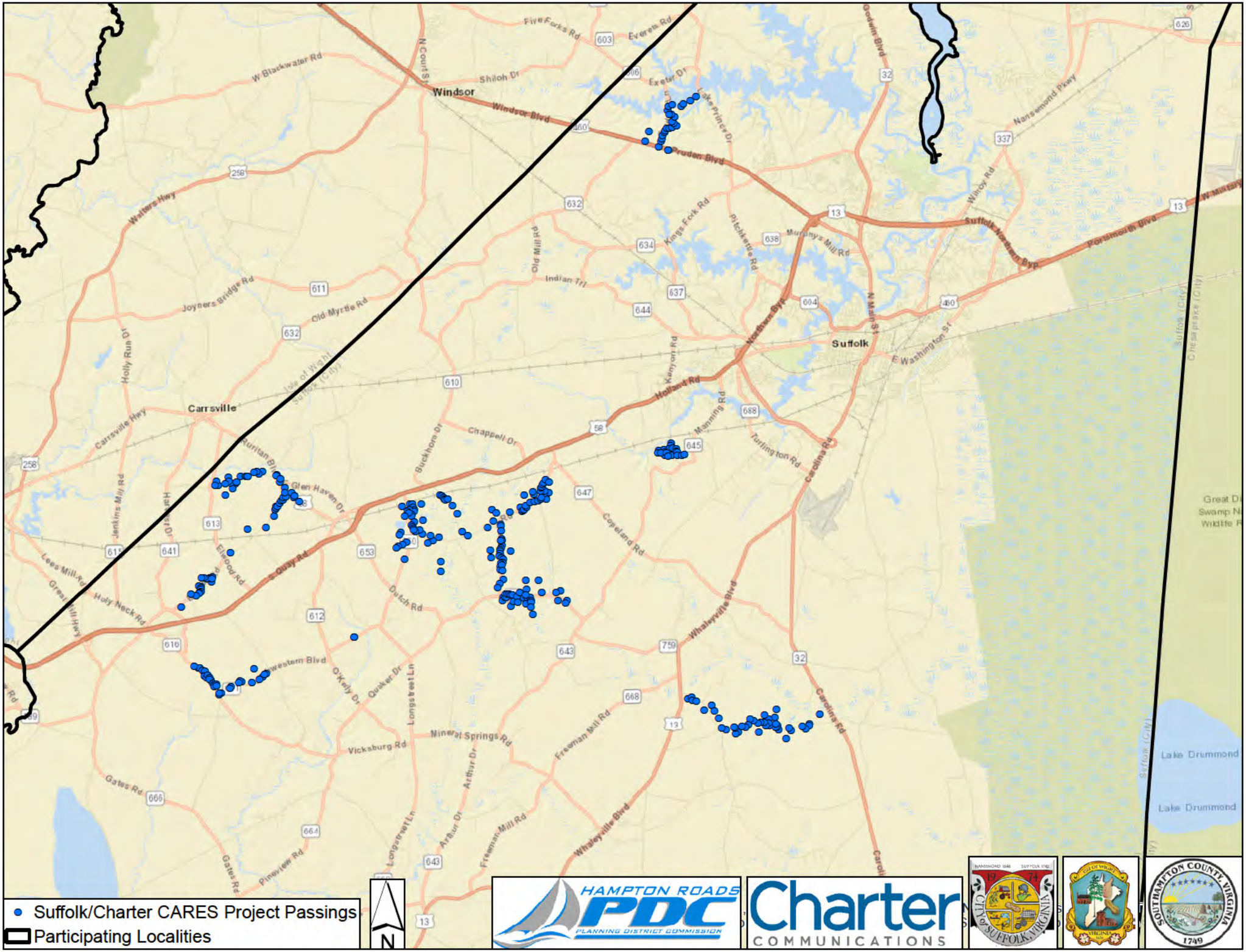
Attachment 17 - Leverage

2022 VATI GRANT REGIONAL STEERING COMMITTEE

NAME	LOCALITY/ENTITY	CONTACT
Donald Robertson	Isle of Wight County	droberts@isleofwightus.net
Ashley Covington	Southampton County	acovington@franklinsouthamptonva.com
Regina Chandler	City of Suffolk	rmchandler@suffolkva.us
Randah Gaitan	City of Suffolk	rgaitan@suffolkva.us
Robert Crum	HRPDC	rcrum@hrpdcva.gov
John Harbin	HRPDC	jharbin@hrpdcva.gov
Eric Collins	Charter Communications	Eric.Collins@charter.com

Committee Meeting Dates:

April 14, 2021
April 28, 2021
May 4, 2021
May 17, 2021
May 20, 2021
June 9, 2021
June 10, 2021
June 21, 2021
July 1, 2021
July 13, 2021
July 22, 2021
July 28, 2021
July 29, 2021
August 4, 2021
August 6, 2021
August 11, 2021
August 12, 2021
August 18, 2021
August 19, 2021
August 26, 2021
September 2, 2021
September 7, 2021
September 9, 2021


Suffolk/Charter CARES Project Passings
Participating Localities
N
HAMPTON ROADS PDC
PLANNING DISTRICT COMMISSION
Charter COMMUNICATIONS
Windsor
Suffolk
Carrsville
Lake Drummond
Lake Drummond
W Blackwater Rd
Windsor Blvd
Shiloh Dr
Five Forks Rd
Everets Rd
Exeter Dr
Godwin Blvd
Nansemond Pkwy
Willow Rd
Suffolk Northern Byp
Portsmouth Blvd
Walters Hwy
Joyners Bridge Rd
Old Myrtle Rd
Holly Run Dr
Carrsville Hwy
Jenkins Mill Rd
Old Mill Rd
Indian Trl
Kings Fork Rd
Pitchkettle Rd
Murphys Mill Rd
Northern Byp
N Main St
E Washington St
Holland Rd
Kenyon Rd
Manning Rd
Turlington Rd
Carolina Rd
Buckhorn Dr
Chappell Dr
Glen Haven Dr
Elwood Rd
S Quay Rd
Lees Mill Rd
Holy Neck Rd
Great Dismal Swamp Wildlife R
Dutch Rd
Copeland Rd
Whaleyville Blvd
Suffolk (City)
Chesapeake (City)
Isle of Wight
Suffolk (City)
Longstreet Ln
Arthur Dr
Freeman Mill Rd
Mineral Springs Rd
Vicksburg Rd
Gates Rd
Pineview Rd
Quaker Dr
O'Kelly Dr
Carolina Rd

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 18 - Marketing

SUFFOLK PUBLIC LIBRARY

blackwater regional library

With the provision of high-speed broadband internet in your area, we want to ensure that you and your household take advantage of every option available with the Suffolk Public Library. Please call or visit our website for more information on all of the programs and partnerships available to our residents!

DISCOVERY APPOINTMENTS

A one-on-one training with a staff member to assist with a variety of needs, from technical assistance to navigating any application or program. Drop in or schedule an appointment at any of our three locations.

ON-LINE EDUCATIONAL RESOURCES

Free education resources ranging from ancestry research, learning a new language, personal development, professional development, and test preparations. Whatever your needs, we are here to help!

SOCIAL & EMOTIONAL

Social issues effect our entire community. We have programs to help children and families navigate trying times. Check out our Community Resources and Impacted Youth offerings.

READING RESOURCES

We offer a variety of options to reach all readers! Little Libraries, Library2Go, Baby Kits, Senior Kits, Teen Hangouts, and Homeschool Hub, are just a few! We also offer a great electronic application, Hoopla; rent, read, watch, or listen to any of our thousands of books, shows, movies, and publications!

HAMPTON ROADS PDC PLANNING DISTRICT COMMISSION

Charter Spectrum

CITY of SUFFOLK VIRGINIA

SOUTHAMPTON COUNTY VIRGINIA 1749

City of Suffolk
P.O. Box 1858
Suffolk, VA 23439

Charter
COMMUNICATIONS

DEAR RESIDENT:

The City of Suffolk and Charter Communications have partnered on a grant administered by the State of Virginia, resulting in the provision of high speed internet and cable television service to your residence.

Charter Communications has a variety of packages available to fit every household's needs & budget, with packages starting at $17.99/ monthly, for qualifying households.

DRAFT


SPECIAL NOTICE
A contractor for Spectrum will be working in your neighborhood.
The work will be performed in the Public Utility Easements that are normally located on both sides of your property line and along the roadway. There may be Utility Locators marking your existing lines before construction begins.
Please leave access to your Utility Easement.
The area of construction will be reasonably restored to the existing condition. We will do our best to limit any disturbance to your property. If you are a current Spectrum customer, there may be very brief interruptions to your service.
Please contact me if you have any questions, comments or concerns with the construction activity.
We appreciate your understanding and cooperation.
Name
Phone #
Spectrum
© 2018 Charter Communications

City of Suffolk
Isle of Wight County
Southampton County

VATI 2022 Application
Charter Communications

Attachment 19 - Other

Examples of Previous Federal and State Broadband Grant Awards to Charter Communications

State	Location	Type of Grant	Amount	Year
AL	State of Alabama	CARES Act Funding	$12,405,391	2020
CA	Brookside Country Club	CA CASF Grants	$848,063	2020
CA	Country Meadows Mobile Home Park	CA CASF Grants	$2,120,390	2020
CA	El Dorado Estates	CA CASF Grants	$1,445,032	2020
CA	Foothill Terrace Mobile Home Village	CA CASF Grants	$444,388	2020
CA	Los Alisos and Los Robles Mobile Estates	CA CASF Grants	$1,021,655	2020
CA	Monterey Manor Mobile Home Village	CA CASF Grants	$784,322	2020
CA	Plaza Village Mobile Estates	CA CASF Grants	$622,811	2020
CA	Soboba Springs Mobile Estates	CA CASF Grants	$907,817	2020
CA	Villa Montclair Mobile Home Park	CA CASF Grants	$543,530	2020
MA	New Marlborough	State Broadband Grant	$3,105,000	2018
MA	New Braintree	State Broadband Grant	$1,576,000	2020
MA	Tyringham	State Broadband Grant	$680,000	2017
MA	Hancock	State Broadband Grant	$530,000	2017
MA	West Stockbridge	State Broadband Grant	$472,000	2016
MA	Hinsdale	State Broadband Grant	$477,000	2016
MA	Lanesborough	State Broadband Grant	$651,000	2016
MA	Peru	State Broadband Grant	$1,115,000	2017
MA	Princeton	State Broadband Grant	$910,000	2017
MA	Sandisfield	State Broadband Grant	$2,607,800	2019
MD	Somerset	State Broadband Grant	$1,208,159	2020
MN	Rosemount North	State Broadband Grant	$499,072	2020
NC	Rockingham County	CARES Act Funding	$1,346,539	2020
NC	Robeson County	State Broadband Grant	$2,000,000	2020
OH	Clark County	CARES Act Funding	$2,954,669	2020
WI	Menominee Reservation	CARES Act Funding	$1,464,809	2020
		Total:	**$48,712,487**[1]	

[1] Grants less than $400,000 are reflected in the total but have been omitted from the list of examples.

Spectrum

SPECTRUM INTERNET® ASSIST

Affordable, reliable high-speed Internet access for qualifying households

Spectrum Internet Assist is a low-cost, high-speed broadband service that provides qualifying households with Internet service for **$17.99 per month.**

To qualify for Spectrum Internet Assist, a member of the household must be a recipient of one of the following programs:

- The National School Lunch Program (NSLP); free or reduced-cost lunch
- The Community Eligibility Provision (CEP) of the NSLP
- Supplemental Security Income (SSI) (age 65 and over only)

Programs that do not qualify for Spectrum Internet Assist: Social Security Disability (SSD), Social Security Disability Insurance (SSDI), and Social Security Retirement and Survivor Benefits are different from Supplemental Security Income (SSI) and do NOT meet eligibility requirements.

If you believe you may qualify, visit SpectrumInternetAssist.com.

- Enter in your 5-digit ZIP code to see if Spectrum Internet Assist is available in your area.
- If available, you will receive direction to call 1-844-525-1574 to start the qualification process.
- If Spectrum Internet Assist is not available in your area, you will receive a coming-soon message and be asked to check back for updates.

GET CONNECTED WITH HIGH-SPEED INTERNET FOR **$17.99/MO**

Spectrum Internet Assist gives your household a reliable, blazing-fast connection to the world of information, education, entertainment and services that are available online.

With Spectrum Internet Assist, you'll enjoy:

- 30 Mbps of Internet speed with NO data caps
- **FREE** Internet modem
- No contracts, ever
- Add fast in-home WiFi for $5 more a month

To get started, visit:

SpectrumInternetAssist.com

HAMPTON ROADS PDC
PLANNING DISTRICT COMMISSION

ANDRIA P. McCLELLAN, CHAIR • DAVID H. JENKINS, VICE-CHAIR • RANDY R. KEATON, TREASURER
ROBERT A. CRUM, JR., EXECUTIVE DIRECTOR/SECRETARY

MEMBER JURISDICTIONS

CHESAPEAKE

FRANKLIN

GLOUCESTER

HAMPTON

ISLE OF WIGHT

JAMES CITY

NEWPORT NEWS

NORFOLK

POQUOSON

PORTSMOUTH

SMITHFIELD

SOUTHAMPTON

SUFFOLK

SURRY

VIRGINIA BEACH

WILLIAMSBURG

YORK

September 14, 2021

Dr. Tamarah Holmes, Director
Office of Broadband
Virginia Department of Housing & Community Development
600 East Main Street, Ste 300
Richmond, VA 23219

RE: Virginia Telecommunication Initiative
FOIA Exemption Request

Dear Dr. Holmes:

The Hampton Roads Planning District Commission ("HRPDC") has partnered with the City of Suffolk and Isle of Wight and Southampton Counties to submit a Virginia Telecommunications Initiative ("VATI") grant application for your consideration. The HRPDC is pleased to have coordinated the preparation of this application. The partnering localities have worked with Spectrum Southeast, LLC ("Spectrum") and its affiliate, Charter Communications, Inc. ("Charter") to develop a plan to promote universal broadband coverage within the partnering localities.

Please be advised that as part of this VATI grant application, HRPDC was provided private proprietary information by Spectrum pursuant to a promise of confidentiality by HRPDC. It is our understanding that it is necessary to transmit this confidential information to the Virginia Department of Housing & Community Development ("DHCD") in order to furnish a complete VATI grant application.

Pursuant to HRPDC's promise for confidential treatment of Spectrum's proprietary information, HRPDC requests that DHCD exclude the information marked as confidential from all public postings and exclude said information from the mandatory disclosure provisions of the Virginia Freedom of Information Act ("VFOIA") pursuant to Va. Code § 2.2-3705.6, subsections 3 and 32.

To the extent that it is necessary to invoke Va. Code § 2.2-3705.6-3, HRPDC affirms that the information marked as confidential in the VATI application was voluntarily provided by private businesses (Spectrum) pursuant to a promise of confidentiality from a public body (HRPDC) and that the proprietary information was used by HRPDC for the preparation of the VATI grant application.

To the extent that it is necessary to invoke Va. Code § 2.2-3705.6-32, HRPDC concurs with Spectrum that those portions of the VATI application marked as confidential contain confidential budget data, disclosures of confidential process and methodologies for determining rates of investment, and other trade secret information that, if disclosed, would be harmful to Spectrum's competitive position and business interests.

If, for any reason, DHCD does not intend to provide said confidential treatment, please immediately contact Eric Collins, Director of Governmental Affairs, before Spectrum's confidential information is disclosed to the public.

Sincerely,

Robert A. Crum, Jr.
Executive Director