Orange County, VA

Orange County FiberLync VATI FY23 Project

**Application ID**: 95708242022172914

Application Status: Pending

**Program Name:** Virginia Telecommunication Initiative 2023 - Application

Organization Name: Orange County, VA

Organization Address: 112 W. Main St

Orange, VA 22960

**Profile Manager Name:** Theodore Voorhees

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Project Name: Orange County FiberLync VATI FY23 Project

Project Contact Name: Sara Keeler

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Project Contact Email: skeeler@orangecountyva.gov

Project Location: PO BOX 111

Orange, VA 22960-0800

**Project Service Area:** Orange County

**Total Requested Amount:** \$2,568,000.00 **Required Annual Audit Status:** Accepted

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### **Budget Information:**

Cost/Activity Category	DHCD Request	Other Funding	Total
Telecommunications	\$2,568,000.00	\$500,000.00	\$3,068,000.00
Construction	\$2,568,000.00	\$500,000.00	\$3,068,000.00
Total:	\$2,568,000.00	\$500,000.00	\$3,068,000.00

#### **Budget Narrative:**

Orange County created the Orange County Broadband Authority (FiberLync) to address the absence of broadband access in the rural parts of the County. FiberLync has built an all-fiber network that makes broadband available in most areas of the County; passes 5,350 addresses; and has connected 3,000 households and businesses with high-speed internet access. The FiberLync network is specifically designed and built to meet the extremely high reliability and availability standards for critical communication systems. VATI funding assistance is vital to reach the remaining lower density, rural areas and help offset the ever increasing costs of labor and materials. The proposed project will fund the final major network extensions needed to provide broadband access to difficult to reach and unserved citizens. The proposed project is technically and financially feasible only because it leverages FiberLync's existing 316 miles of fiber, 9 functioning nodes, and existing redundant transport pathways. The capabilities of the current network will allow every dollar requested to directly fund the construction of new fiber routes to connect new users. The total project cost of this phase of the expansion is \$3,060,000 to build 88.6 miles of fiber, that is 105 road segments, passing all 697 addresses along those roads. The qualified match funds from Orange County and FiberLync total \$7,891,058 (\$13,978,908 since June 2, 2021). The total fund request from VATI is \$2,568,000, which is 23.4% of the \$10,959,058 ongoing network expansion.

### **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:

On April 26, 2016, the Orange County Board of Supervisors unanimously adopted a resolution creating the Orange County Broadband Authority (FiberLync) to address the absence of broadband access in the rural parts of the County. Since its creation, FiberLync has built an all-fiber network that makes broadband available in most areas of the County; passes 5,350 addresses; has connected 3,000 households and businesses with high-speed internet access. The FiberLync network is specifically designed and built to meet the extremely high reliability and availability standards for critical communication systems. The FiberLync fiber network currently provides back haul fiber for Public Safety Communications in Orange County, and serves other key facilities such as Fire Stations, Orange County Government operations, the Orange County School System, and Libraries.

FiberLync is now focused on leveraging its expertise and existing infrastructure to make service available to all unserved addresses in Orange County. Completing the fiber network in the remaining unserved areas is the basis of this funding request.

Determination of unserved areas began in 2019 when the OCBA conducted a speed survey for residents across Orange County. Of over a thousand respondents, over 86 percent reported receiving under the FCC's minimum definition of "served" download speed of 25 Mbps. Additionally, 68 percent of residents were reported receiving under 10/1 Mbps. A map of these survey responses is included in this application package as Attachment 3.

Additionally, FiberLync staff have conducted extensive site surveys to determine where service is offered by other providers by documenting and photographing pole attachments, ground assets and related facilities.

The proposed project will extend our FTTH infrastructure and make broadband service available to all 697 addresses passed. Based on extensive field inspections, comparisons to County data, and the online survey results, the County and FiberLync agree that the proposed project will fund the final major network extensions needed to provide broadband access to difficult to reach and unserved citizens. The proposed project is technically and financially feasible only because it leverages FiberLync's existing 316 miles of fiber, 9 functioning nodes, and existing redundant transport pathways. The capabilities of the current network will allow nearly every dollar requested to directly fund the construction of new fiber routes to connect new users.

See Attachment 1: Project Area Map for a visualization of all project areas.

2. List existing providers in the proposed project area and the speeds offered. Describe your outreach efforts to identify existing providers and how this information was compiled with source(s).

#### Answer:

The only significant wireline broadband provider in the County is Comcast. As noted on the Project Area Map (Attachment 1), the proposed routes avoid areas that have a nearby wireline provider. In addition to several satellite providers, Virginia Broadband is a fixed-wireless provider offering internet service in various portions of the County. FiberLync is not able to field-verify that Virginia Broadband actually achieves speeds of 100/20 Mbps in any of the areas to be served by the project. None of the locations in the proposed project area that completed the broadband survey, used to confirm the proposed project area, indicated the ability to subscribe to reliable service of even 25/3 from Virginia Broadband.

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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. Label Map: Attachment 2 – Documentation on Federal Funding Area.

#### Answer:

Other than RDOF discussed below, the project area includes minimal areas that received prior funding from federal grant programs. The project routes were designed to minimize conflict with these ineligible areas.

In Orange County, non-continuous tracks to the northeast of Gordonsville were awarded under CAF II to the Rural Electric Cooperative Consortium. Another area directly adjacent to this was awarded to the Central Virginia Electric Cooperative under the Re-Connect program. This area is directly adjacent to the CAF II award area. Both areas fall within census block 511371103002 and have no overlap with the proposed VATI funded routes. See Attachment 2- Documentation of Federal Funding Area. In Orange County, 148 census blocks were initially awarded to potential service providers through the RDOF Phase I auction. The awardees were Shenandoah Cable Television, Starlink, and the Rural Electric Cooperative Consortium. FiberLync has been informed that Shenandoah Cable Television, has withdrawn from the RDOF program and that Starlink has recently been removed by a FCC ruling. See Attachment 5: RDOF Awarded Areas Form in VATI Area for further detail on the RDOF-awarded areas included in this funding request.

4. 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 100/20 Mbps and with less than 25% service overlap within the project area for wireless projects and 20% 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 3 – Documentation Unserved Area VATI Criteria.

#### Answer:

FiberLync has determined the selected project areas are unserved through speed surveys, outreach to residents, and extensive outside plant surveys. Given the data gathered, FiberLync does not anticipate any overlap with existing wireless providers that meet the 100/20 Mbps minimum speed requirements or overlap levels of 25%.

The proposed project routes have been specifically designed to avoid those areas served by a wireline provider.

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- 5. Total Passings: Provide the number of total serviceable units in the project area. Applicants are encouraged to prioritize areas lacking 25 Megabits per second download and 3 Megabits per second upload speeds, as they will receive priority in application scoring. For projects with more than one service area, each service area must have delineated passing information. Label Attachment: Attachment 4 Passings Form.
  - a. Of the total number of VATI passings, provide the number of residential, business, non-residential, and community anchors in the proposed project area.
  - 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 25/3 Mbps or less. Describe the methodology used for these projections. (up to 15 points)

#### Answer:

- a. The proposed project will serve some of the most rural areas of Orange County, therefore, primarily passes residences and small farms. A total of 688 residential addresses will be passed. The project will also serve 6 businesses and 3 places of worship.
- Attachment 4 demonstrates the total passing information in table form, while Attachment 16 is a point and shapefile that shows every address to be served by the proposed network expansion.
- b. The total number of RDOF passings in the project area is 112.
- c. FiberLync estimates that the addresses in the project area will not require special construction costs above the typical one-time service connection fee which includes service drops of up to 1000 feet.
- d. FiberLync estimates that the addresses in the project area will not require special construction costs above the typical one-time service connection fee which includes service drops of up to 1000 feet.
- e. FiberLync estimates that all addresses in the project area are currently receiving speeds below 25/3 Mbps. This estimation is drawn from the speed survey conducted in 2019 as well as various broadband coverage tools, including the Commonwealth Connection Broadband Service Mapping and Analysis Tool. Further information on project passing may be found in Attachment 4: Passings Form.
- 6. Describe if any blocks awarded in Rural Digital Opportunity Fund (RDOF) are included in the VATI application area. If RDOF areas 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 5 RDOF Awarded Areas Form in VATI Area

#### Answer:

In Orange County, 148 census blocks were initially awarded to service providers through the RDOF Phase I auction. The primary awardees were Shenandoah Cable Television, LLC; Starlink, and the Rural Electric Cooperative Consortium. FiberLync has been informed that Shenandoah Cable Television, LLC has withdrawn from the RDOF program, and that the FCC recently removed Starlink from the program. There are 3 census blocks that were awarded to the Rural Electric Cooperative Consortium in the RDOF Phase I auction that include passings in this VATI application. The 3 census blocks include a total of 1,151 locations in that RDOF award. The proposed VATI routes include 112 addresses in the same 3 census blocks. The 112 addresses represent the limited number of passings that do not already have access to FiberLync services. Attachment 5 depicts the RDOF areas.

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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:

There are no wireless service areas proposed in this application.

8. Network Design: Provide a description of the network system design used to deliver broadband service from the network's primary internet point(s) of presence to end users, including the network components that already exist and the ones that would be added by the proposed project. Provide a detailed explanation of how this information was determined with sources. 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:

FiberLync designed, constructed, and operates an all-fiber network that serves Orange as well as portions of Albemarle, Greene, and Spotsylvania Counties. The network, as of August 2022, consists of 316 miles of fiber owned by FiberLync and 51 miles of fiber under 20-year IRU leases that provide access to the Equinix data center in Culpeper. Our current network is supported by two rings and nine node sites. Each node site is utility powered and equipped with a minimum 24-hour battery backup system, a generator and remote monitoring system. The network backbone consists of 288-count fiber between nodes. Each node has the capacity to support 4,608 subscribers. The nodes themselves are connected via two 10 Gbps rings and are expandable to 100 Gbps as necessary. The network also features fully redundant equipment.

The proposed project will connect to the existing infrastructure at multiple points and be served from at least 5 of the existing nodes. This FTTH project uses GPON technology to reduce capital costs, however, the only locations that share bandwidth occurs either at the fiber concentration cabinet or at the network core where there is substantial capacity for scalability.

The network passes 5,350 households and serves approximately 3,000 subscribers as well as 13 active hot spots that provide free internet access for unserved residents. The FiberLync network is specifically designed and built to meet the extremely high reliability and availability standards for critical communication systems. The FiberLync fiber network currently provides back haul fiber for Public Safety Communications in Orange County, and serves other key facilities such as Fire Stations, Orange County Government operations, the Orange County School System, and Libraries.

A 100% fiber optic network offers many benefits to our community including increased home values, greater economic development, tax revenues, as well as life work balance such as the ability to work and study from home. While the initial capital cost of an all fiber, underground network is somewhat higher than aerial fiber or wireless systems, FiberLync believes that the long-term benefits of lower routine maintenance costs, improved reliability and reduced vulnerability to weather interruptions justifies the initial investment.

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9. 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 100/20 Mbps. (up to 10 points)

#### Answer:

The proposed project will expand FiberLync's existing all-fiber network and support gigabit-level speeds, scalable to 10 Gbps. FiberLync offers 3 residential packages, a Bronze tier of 100/50 Mbps (down/up) for \$49.99 per month, a Silver tier of 500/250 Mbps for \$64.95 a month, a Gold tier of 1,000/500 for \$79.99 per month. FiberLync's Business offerings are Business Bronze tier of 100/100 Mbps for \$79.99 per month, Business Silver 500/500Mbps \$149.99 and a Business Gold tier of 1,000/1,000 Mbps for \$249.99 per month. Residential and business packages do not have data caps. Residential packages include a complementary wireless router valued at \$100. These speeds are a product of the proposed project's design and FiberLync's existing high-performance fiber network. The network will utilize Gigabit Passive Optical Network (GPON) topology, the predominant topology for delivering and scaling cost-effective FTTP services due to its efficient use of the optical distribution network investment.

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:

The objective of the Orange County Broadband Authority (FiberLync) when it was established on April 26, 2016, was to "PROVIDE NEXT GENERATION BROADBAND ACCESS AT A REASONABLE PRICE TO THE UNSERVED AND UNDERSERVED AREAS OF OUR RURAL COMMUNITY". Substantial progress toward the goal of assuring that "EVERYONE HAS ACCESS", has been made. The project being proposed for VATI funding is the last significant piece of the network needed to complete that plan. As described below, Orange County considers that the coverage achieved by FiberLync to date, combined with the additional passings of the proposed project, is universal broadband coverage.

As of August 2022, there are approximately 18,000 addresses in Orange County. About 10,200 of those addresses are in relatively densely populated areas such as the Towns of Orange and Gordonsville, and the eastern tip of the County along Rt. 3. These addresses have been served for many years by other providers, primarily Comcast. FiberLync currently passes 5,350 rural addresses and has an additional 641 passings under construction. Together these networks will pass 16,191 addresses or nearly 90% coverage. Combined with the approximately 697 passings proposed for VATI funding assistance, the coverage would increase to almost 94%. Of the 1,000 remaining unserved addresses, 425 passings are on the 250 named "driveways", with 2 or less homes, that exist across the County. The other significant group of unserved addresses are at least 350 homes that are orphaned, on 30 or so subdivision streets, bordering Comcast served main roads. The County and FiberLync are committed to serving the remaining unserved addresses and their Boards have directed that all FiberLync excess revenues continue to be used to expand the network until everyone has access.

Having already built fiber in all areas of the County and connected 3,000 households and businesses with affordable, future-proof internet access, FiberLync has proven it has the capability to aggressively meet the growing demands of the community's digital future.

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#### 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 are encouraged to extensively discuss, where applicable, easements relating to railroad crossings, federally-owned lands and parks, partnerships with the Virginia Department of Transportation, and mobile home parks. 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 10 points)

#### Answer:

FiberLync has consistently demonstrated, over the course of 6 years, the capability to meet demanding project deadlines. In the early days of the Covid-19 pandemic, Orange County secured \$2 million in CARES Act funding to immediately establish 13 Wi-Fi hotspots around the County. To support that deployment, FiberLync and its contractor team built over 30 miles of permanent, underground fiber network in just 40 days.

FiberLync and Orange County have a successful history of working together and have continued their relationship in preparation for this application and project.

FiberLync has confidence in its ability to complete the proposed project within 18-month award period as specified in the VATI Guidelines and Criteria. FiberLync has a qualified team comprised of full-time staff as well as contractors, operating under multi-year contracts, to support implementation of the proposed network expansion.

Byers Engineering, and SourceOne Corporation were selected via previous competitive procurements and are currently providing engineering and design services to FiberLync. The combined capabilities of these firms ensures that all design and inspection resources needed are immediately available. The planning and preliminary engineering of public road segments, passings, and associated costs have been finalized. For several years, FiberLync has been successful working with the Virginia Department of Transportation (VDOT) to obtain permits for underground installation in the VDOT right of way. On private roads, FiberLync has developed a process for obtaining the necessary easements from private property owners to install fiber infrastructure.

Furthermore, FiberLync currently has an extensive inventory of fiber and other network build materials on hand. The OCBA has enough materials on hand in our 50,000 square feet warehouse to support the early months of construction and has in place a program that provides regular monthly shipments of critical materials and equipment.

A complete project timeline including key milestones has been included in this application package as Attachment 7: Timeline/Project Management Plan and the executed MOU between the Applicant and CoApplicant as Attachment 8.

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:

Orange County and/or FiberLync submitted unsuccessful VATI grant requests in 2019 and 2021.

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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. If applicants and co-applicants are seeking to include prior expended funds as matching funds, Attachment 11 must be completed. Label Attachments: Attachment 9 - Funding Sources Table; Attachment 10 – Documentation of Match Funding; Attachment 11 - Prior Expended Match Form

#### Answer:

Orange County has provided \$4,000,000 in ARPA monies to expand the broadband network. These funds were appropriated by the Board of Supervisors on June 21, 2021, April 12, 2022, and May 24, 2022. FiberLync has invested \$3,891,058 in capital, qualifying as matching funds, to expand its network since December 13, 2021. Attachment 11- Prior Expended Match Form, provides the documentation related to these match funds. The total expended match funds from ARPA and bond proceeds since June 2, 2021, are \$13,978,908. Attachment 9- Funding Sources Table and Attachment 10- Documentation of Match Funding are at the end of this application.

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 proposed project is technically and financially feasible only because it can leverage FiberLync's existing 316 miles of fiber, the existing 9 nodes, and existing redundant transport pathways. The value of these network assets is over \$23,000,000.

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- 15. Communications Plan: Describe efforts to keep the public informed of project progress and the broadband adoption plan.
  - a. Explain how you plan on communicating the project status to stakeholders, including but not limited to County leadership, project areas residents, etc. (Up to 10 points)
  - b. 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)
  - c. 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. FiberLync updates stakeholders and community leaders of progress every Friday in a weekly update by email. FiberLync uses social media platforms, the FiberLync website, postcards, doorhangers, newsletters, local newspaper, public meetings, and radio to update residents on FiberLync's progress. b. FiberLync has performed extensive marketing campaigns to update and inform residents and businesses. FiberLync will use past marketing platforms as well as new marketing materials to reach the residents and businesses in the project area. FiberLync utilizes the FiberLync website, social media platforms, newsletters, doorhangers, postcards, the local newspaper, public meetings, and radio to announce service availability in new areas. This marketing plan has resulted in FiberLync's current 54% take rate. FiberLync expects a 50% or more take rate in the project area based on the take rate we currently serve in the areas surrounding the project area.
- c. FiberLync utilizes many efforts for digital literacy within Orange County and surrounding communities. FiberLync partners with Orange County Public Schools to provide school-sponsored internet to every family that meets eligibility criteria. FiberLync also partners with the public libraries to provide each facility with broadband internet service and partners to provide digital literacy information, the Affordable Connectivity Program information, and digital literacy classes. FiberLync proudly participates in the Affordable Connectivity Program (ACP). FiberLync also partners with the Department of Social Services, the Orange County Office of Youth, and Virginia Career Works to provide ACP program information to citizens in need.
- 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.

#### Answer:

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Orange County Broadband Authority was created in 2016 for the purpose of facilitating and provisioning affordable broadband service to businesses, government agencies, and residents. In May 2020, the Broadband Authority Board of Directors voted to form an ISP (FiberLync) and began developing the network and capabilities to serve the unserved areas of Orange County. Since that decision, FiberLync has constructed a network that, as of August 2022, consists of 316 miles of fiber owned by FiberLync, passes 5,350 addresses, and serves 3,000 subscribers.

FiberLync key staff members bring years of expertise, experience, and state of the art technology in the fiber broadband industry. Our staff members and contract teams comprise a total solution capability that is making affordable, high speed internet service available to thousands of households and businesses.

- James K. White FiberLync Chairman and CEO since 2016, has a B.S. in Engineering and an M.B.A. Mr. White has over 50 years of experience in corporate management in various areas of technology. He has been an elected official with the local governing body for 10 years.
- Brandon Searcy- FiberLync Construction Manager since 2019, has been involved with the engineering, designed deployment of fiber networks for over 15 years. He has overseen the construction of FiberLync's 316-mile underground fiber network and its continued expansion. He manages a 50+ person team of main line fiber installers, service drop installers, splicers and asset locators.
- Keith Settle- FiberLync Installation Manager since 2021, has been involved with customer premise installation services for over 30 years. He has managed the connection of nearly 3,000 FiberLync Fiber to the Premise (FTTP) households in just over a year. He oversees a team of premise installers that are averaging between 30-40 new connections per week.
- Nick Hamner –FiberLync Network Engineer since early 2021, maintains FiberLync's Core Juniper and ADTRAN FTTH Distribution Networks, provides escalation support for customer premise networks and activations, manages technical vendors, and support systems. He has 17 years of hands-on enterprise and carrier network infrastructure design, deployment, and support. Areas of specialty include: Layer2/3 networking, storage, virtualization, Microsoft network administration, information security, Fiber to the Home, GPON, metro ethernet, cloud infrastructure, and Next Generation firewalls. Nick holds a B.S. in Chemistry from the University of Mary Washington.
- Barbara Tilley FiberLync Financial Controller since 2020. Barbara has experience in many business settings as Controller for over 15 years. She has over 20 years experience in accounting. Barbara holds a B.S. in Accounting from Cameron University in Lawton, Oklahoma, and an M.B.A with a concentration in Accounting from The University of Northern Virginia in Annandale.
- Jenny Cord FiberLync Business Development since 2020. Jenny specializes in easements on private roads, permitting with VDOT, Procurement, Marketing, and Public Relations. Jenny holds a B.S. in Business Administration from the University of Kentucky. She has over 20 years' experience in both City and County governments as well as business experience in the private sector.
- Mark Munn LLC a small business in Virginia. FiberLync has a multiyear contact with Mark Munn LLC. Mark Munn has over 23 years of fiber splicing experience. Mark is certified in Fiber Optic Splicing from Corning. Mark Munn LLC has spliced over 300 miles of fiber for FiberLync.
- Ayla Construction- A small minority owned business. FiberLync has a multi-year contract with Ayala Construction for fiber optic cable main line construction as well as for fiber home drop cables
- Source One FiberLync has a multiyear contact with Source One, a Certified Woman Owned Business (WBE) for fielding and engineering. Source One has over 20 years' experience in utility fielding and engineering.
- Byers Engineering- FiberLync has a multiyear contract for fielding and engineering. Byers is one of the leading fiber engineering firms in the U.S.
- FiberLync has contracts with Planters Communications and Cogent Communications to provide two separate 10g fiber optic Dedicated Internet Access (DIA) services terminated at Equinix CU4 in Culpeper, Virginia.

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#### 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:

As presented at Attachment 9- Funding Sources, the proposed project is a continuation of the ongoing efforts of Orange County and FiberLync to build a broadband network that reaches the unserved areas of the County. Since June 2, 2021, Orange County and FiberLync combined have expended over \$7,891,000 to build a fiber network that will provide connection points to each of the proposed VATI funded routes. This application requests VATI funds in the amount of \$2,568,000 equating to 23.4% of the funding.

The total cost of the proposed project is \$3,068,000, which comprises only the labor and materials to expand the fiber network. These costs were derived from in-house and contract engineering to specify the type and quantities of materials and labor. The unit prices for each component is based on contracted rates, recent actual invoices as well as current quotes from active vendors. Attachment 12-Derivation of Costs, list the bill of materials and costs.

- 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. Total VATI funding request: \$2,568,000

b. Number of serviceable units: 697

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#### 19. Commonwealth Priorities (Up to 50 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 100/20 mbps, include information regarding the internet service provider's participation in the Affordable Connectivity Program
- d. The co-applicant's efforts to mitigate supply chain constraints, including labor shortages and order-to-delivery delays on telecommunications materials required to construct broadband networks.
- e. The applicant's and co-applicant's efforts to promote broadband adoption, including, but not limited to: telehealth, smart farming, e-entrepreneurship, and distance learning.

#### Answer:

- a. FiberLync currently serves many anchor institutions including schools, libraries, businesses both large and small, farm operations, and public safety in the current service area. FiberLync plans to serve the most rural residents and businesses in the project area that will include residents who wish to telework, students, small businesses, and family farms. FiberLync plans to work with small rural family farms on innovative ways to use broadband in agriculture. FiberLync will pass 6 businesses and 3 places of worship in the project area.
- b. FiberLync has a current partnership with Rappahannock Electric Cooperative to provide fiber backbone to FiberLync with a connection to the Equinix peering point and data center in Culpeper. FiberLync has a relationship to the County of Orange and the county's initiative to be a dedicated steward of the community's digital future.
- c. FiberLync has a partnership with Orange County Schools to provide students and their families who qualify, with broadband service that meet the speeds of 100/20. FiberLync offers the tier of service with speeds of 100/50 at no cost to qualifying students and families. FiberLync is dedicated to continuing to provide our community, particularly those in need, with affordable, and reliable broadband internet service. FiberLync proudly participates in the Affordable Connectivity Program (ACP). FiberLync work in conjunction with the public libraries, the Department of Social Services, the Orange County Office of Youth, and Virginia Career Works to help disseminate information about the ACP program to citizens in need.
- d. FiberLync has enough materials on hand in a 50,000 square foot warehouse to supply the early months of the fiber build for this project. FiberLync has an inventory re-order program in place that provides regular monthly shipments of materials and equipment. FiberLync has a dedicated contractor with a successful record of building the majority of the 316 miles of fiber currently deployed and who continues to work on main line construction and FTTP drop construction.
- e. FiberLync and Orange County share strategic initiatives to promote the adoption of broadband in the community. Both are dedicated to serving the community for telehealth, in providing speeds that allow patients to see a doctor from home. FiberLync is currently working to provide family farms with the latest information on smart farming. FiberLync is working with Economic Development and The Chamber of Commerce in Orange County to provide marketing materials to attract and retain businesses for the success of entrepreneurship and the community. FiberLync has a successful partnership with Orange County Schools to provide broadband access to students and families who qualify to promote digital equity and distance learning in the community. FiberLync is working with Orange County on the future additions to education and technology programs in Orange County.

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Orange County, VA
Orange County FiberLync VATI FY23 Project

#### 20. Additional Information

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 14 – Letters of Support.

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 15 –Two most recent Form 477 submitted to the FCC or equivalent
- b. Attachment 16 Point and Polygon shapefiles, in.zip file form, showing proposed passings and project area
- c. Attachment 17 For wireless applicants: shapefiles, in .zip file form, indicating RSSI projections in the application area
- d. Attachment 18 XXXXXXX
- e. Attachment 19 XXXXXXX
- f. Attachment 20 XXXXXXX

#### Answer:

See attached:

Attachment 14 – Letters of Support

Attachment 15 -Two most recent Form 477 submitted to the FCC or equivalent

Attachment 16 - Point and Polygon shapefiles, in.zip file form, showing proposed passings and project area

Attachment 17 - N/A

Attachment 18 - N/A

Attachment 19 - N/A

Attachment 20 - N/A

#### Attachments:

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Orange County, VA
Orange County FiberLync VATI FY23 Project

Map(s) of project area, including proposed infrastructure

VATIATTACHMENT1Map81122002824202261113.pdf

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

VATIATTACHMENT2FederalFundingMap824202261437.pdf

Documentation that proposed project area is unserved based on VATI criteria

Attachement3824202262013.zip

Passings Form (Use template provided)

VATIATTACHMENT4PassingForm824202261514.pdf

Documentation of RDOF awarded area in VATI project Area (Use template provided)

VATIATTACHMENT5RDOFinVATI824202261538.pdf

Timeline/Project Management Plan

VATIATTACHMENT7TimelineProjectManagementPlan824202261557.pdf

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

VATIATTACHMENT8MOUbetweenApplicantandCoApplicant824202261606.pdf

Funding Sources Table (Use template provided)

VATIATTACHMENT9FundingSources824202261716.pdf

**Documentation of Match Funding** 

Attachement10824202262107.zip

Prior Expended Match Form (use template provided)

VATIATTACHMENT11PriorExpendedMatchTable824202261735.pdf

Derivation of Cost/Project Budget (Use template provided)

VATIATTACHMENT12DerivationofCosts824202261747.pdf

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Orange County, VA
Orange County FiberLync VATI FY23 Project

**Documentation of Supporting Cost Estimates** 

VATIATTACHMENT13DocumentationofSupportingCostEstimates824202261757.pdf

Letters of Support

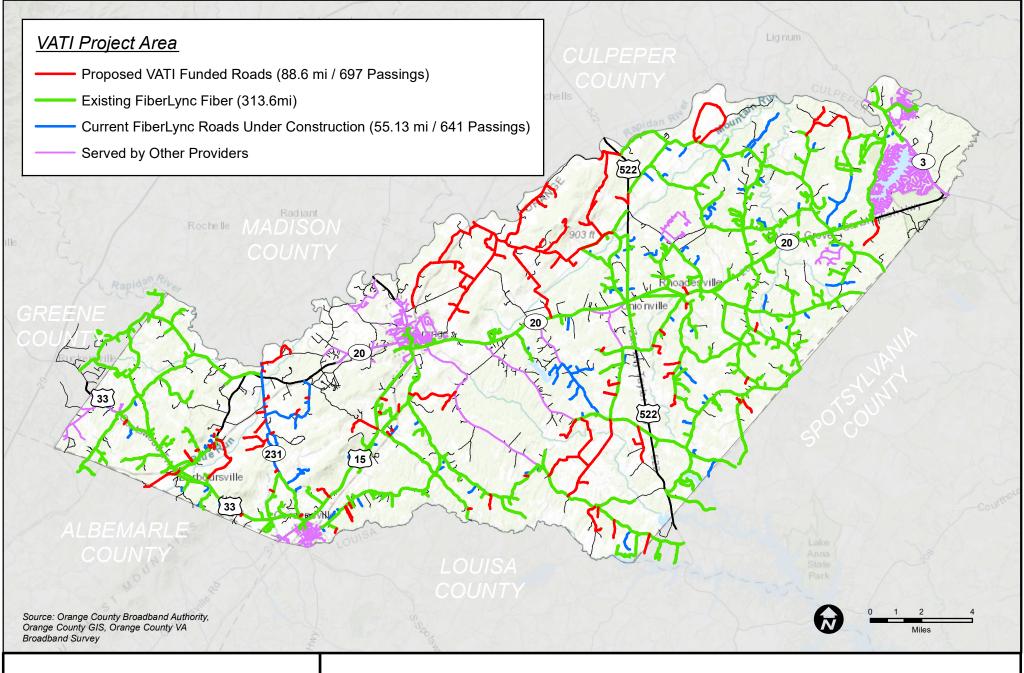
VATIATTACHMENT14LettersofSupport824202261153.pdf

Two most recent Form 477 submitted to the FCC or equivalent Attachement15824202262202.zip

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

VATIAttachment16PointandPolygonShapefiles824202261823.zip

8/26/2022 8:48:57 AM Pages: 16 of 16





### **Orange County GIS**

Public Safety Building 11282 Government Center Dr Orange, VA 22960

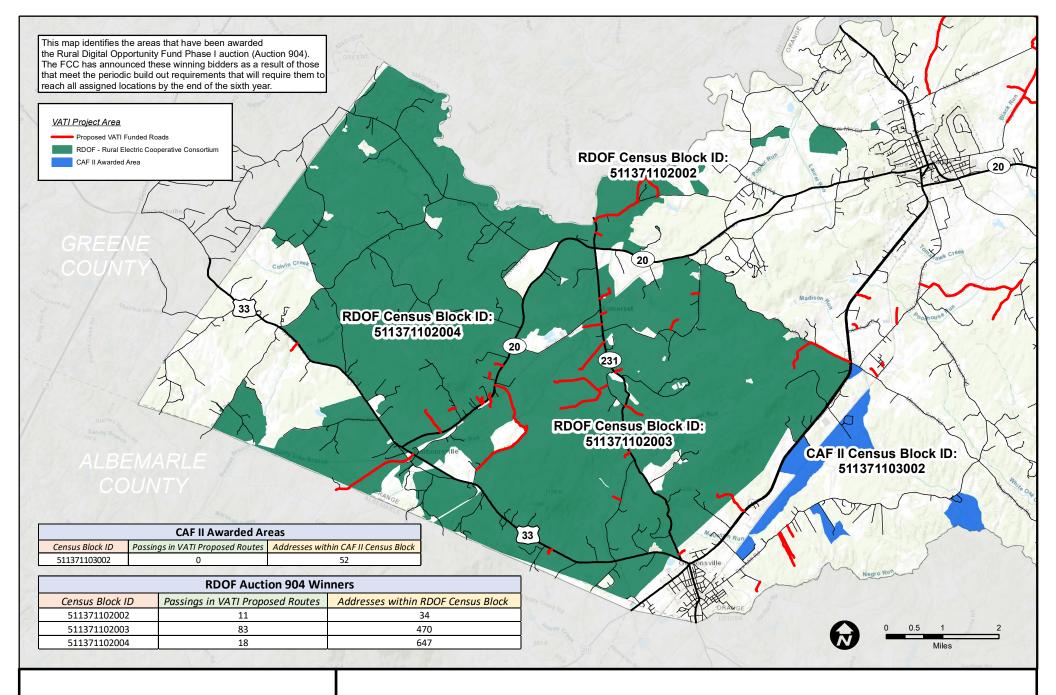
# VATI 2023 Project Area Map

COMMISSIONED JKW DRAWN JHW DATE 08/11/22

Current Status - August 11, 2022

Figure:

1





### **Orange County GIS**

Public Safety Building 11282 Government Center Dr Orange, VA 22960

# **Documentation of Federal Funding Area**

COMMISSIONED JKW DRAWN JHW DATE 08/11/22

Current Status - August 11, 2022

Figure:

1



Find Address

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**ABOUT** 

Mapping Virginia's Expanding Broadband Access



### Speed Test

Download Speed, Upload Speed, and Latency



### **Broadband Coverage**

FCC vs. Virginia Broadband, Speed, Technology



#### **Boundaries**

Census, Counties/Cities, Government Districts

### **Population**

- Census Blocks 2010
- O Counties and Incorporated Cities

#### Government Districts

- O Federal Congressional Districts
- O VA State Senate Districts
- VA House of Delegates Districts
- O School Districts



### Assets and Programs

WiFi, Towers, State and Non-Profit Programs

**Privacy Policy** 

## Census Block (2010)

ID: 511371101025030

All broadband information is reported based on coverage at the census block level.

VA Collected • Dec 2021

FCC Form 477 • Dec 2020



(i)

0% of addresses in this Census block are served

## 器 Internet Service Providers

There is no reported broadband service in this area.





Locality: Orange County >>

Virginia State Senate: State Senate District 17 >>>

Virginia House of Delegates: State House District 30 >> US Congressional District: Congressional District 7 >>>

School: Orange County Public Schools >>

**LEGEND** 





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Mapping Virginia's Expanding Broadband Access



### Speed Test

Download Speed, Upload Speed, and Latency



### **Broadband Coverage**

FCC vs. Virginia Broadband, Speed, Technology

Broadband coverage is based on the amount of addresses served within a Census Block.

→ Virginia Collected DEC.2021

☐ At least one address served.

Minimum Percentage Served in Census Block

**□** 95% **□** 85% **□** 80%

FCC Form 477 DEC.2020

☐ At least one address served

#### **FILTERS FOR COVERAGE**



 ↓ 25 mbps 1 3 mbps

 ↓ 100 mbps **†** 20 mbps

 ↓ 100 mbps 1 Any

 ↓ 250 mbps 1 Anv

↓ 1000 mbps ↑ Anv

\* Coverage in layer is for speeds that are equal or greater than speed displayed.

### Broadband Technology

Anv Broadband Technology

○ Cable ○ DSL/Copper

#### Boundaries

Census, Counties/Cities, Government Districts

## ((<u>A</u>))

### Assets and Programs

WiFi, Towers, State and Non-Profit Programs

## Census Block (2010)

ID: 511371101021015

All broadband information is reported based on coverage at the census block level.

VA Collected • Dec 2021

FCC Form 477 • Dec 2020

## Broadband Coverage

0% of addresses in this Census block are served

## 器 Internet Service Providers

There is no reported broadband service in this area.

### **tocalities & Jurisdictions**

Locality: Orange County >>

Virginia State Senate: State Senate District 17 >>>

Virginia House of Delegates: State House District 30 >>

US Congressional District: Congressional District 7 >>>

School: Orange County Public Schools >>

**LEGEND** 





## COMMONWEALTH CONNECTION

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**ABOUT** 

Mapping Virginia's Expanding Broadband Access

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### Speed Test

Download Speed, Upload Speed, and Latency



### **Broadband Coverage**

FCC vs. Virginia Broadband, Speed, Technology

Broadband coverage is based on the amount of addresses served within a Census Block.

→ Virginia Collected DEC.2021

☐ At least one address served

Minimum Percentage Served in Census Block

**□ 95% □ 85% □ 80%** 

FCC Form 477 DEC.2020

☐ At least one address served

#### **FILTERS FOR COVERAGE**



↓ 25 mbps ↑ 3 mbps

○ ↓ 100 mbps ↑ 20 mbps

↓ 100 mbps ↑ Any

↓ 250 mbps ↑ Anv

\* Coverage in layer is for speeds that are equal or greater than speed displayed.

### Broadband Technology

Anv Broadband Technology

○ Cable ○ DSL/Copper

#### **Boundaries**

Census, Counties/Cities, Government Districts

## ((<u>A</u>))

### **Assets and Programs**

WiFi, Towers, State and Non-Profit Programs

## 🖒 Census Block (2010)

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ID: 511371101023049

All broadband information is reported based on coverage (at the census block level.

VA Collected • Dec 2021

FCC Form 477 • Dec 2020

## Broadband Coverage

(i)

0% of addresses in this Census block are served

## 器 Internet Service Providers

There is no reported broadband service in this area.

### **☎** Localities & Jurisdictions

(i)

Locality: Orange County >>

Virginia State Senate: State Senate District 17 >>>

Virginia House of Delegates: State House District 30 >>

US Congressional District: Congressional District 7 >>

School: Orange County Public Schools >>





## COMMONWEALTH CONNECTION

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Mapping Virginia's Expanding Broadband Access

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### Speed Test

Download Speed, Upload Speed, and Latency



### **Broadband Coverage**

FCC vs. Virginia Broadband, Speed, Technology

Broadband coverage is based on the amount of addresses served within a Census Block.

→ Virginia Collected DEC.2021

☐ At least one address served

Minimum Percentage Served in Census Block

**□ 95% □ 85% □ 80%** 

FC FCC Form 477 DEC.2020

☐ At least one address served

#### **FILTERS FOR COVERAGE**



↓ 25 mbps ↑ 3 mbps

○ ↓ 100 mbps ↑ 20 mbps

↓ 100 mbps ↑ Any

↓ 250 mbps ↑ Any

\* Coverage in layer is for speeds that are equal or greater than speed displayed.

### Broadband Technology

Anv Broadband Technology

○ Cable ○ DSL/Copper

28

### **Boundaries**

Census, Counties/Cities, Government Districts

((<u>A</u>))

### **Assets and Programs**

WiFi, Towers, State and Non-Profit Programs

## Census Block (2010)

ID: 511371102001016

All broadband information is reported based on coverage (at the census block level.

VA Collected • Dec 2021

FCC Form 477 • Dec 2020

## Broadband Coverage

0% of addresses in this Census block are served

## 器 Internet Service Providers

There is no reported broadband service in this area.

### **☎** Localities & Jurisdictions

Locality: Orange County >>

Virginia State Senate: State Senate District 17 >>>

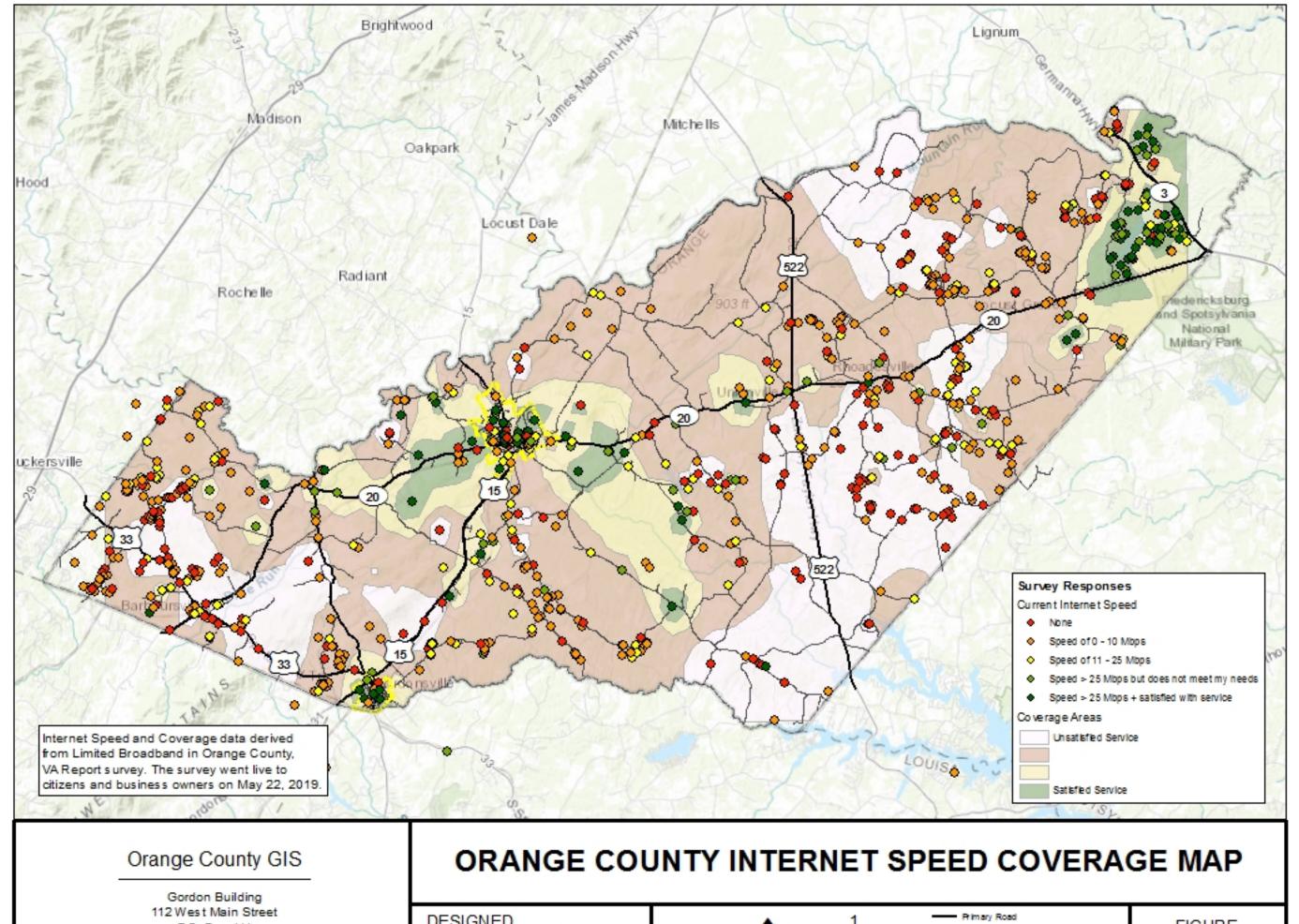
Virginia House of Delegates: State House District 30 >>

US Congressional District: Congressional District 7 >>

School: Orange County Public Schools >>

LEGEND





P.O. Box 111 Orange, VA 22960

DESIGNED DRAWN JHW 04/23/20 DATE



Secondary Road County Boundary Town Boundaries

**FIGURE** 

Exhibit C:

OCBA Orange County Plant Survey Findings

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494 TOMS ROAD         51079030200303         Site Visit no Comcast presence           72 HEIGHTS HILL         51079030200303         Site Visit no Comcast presence           ROAD         9         Site Visit no Comcast presence           98 Toms Rd         51079030200303         Site Visit no Comcast presence           Lees Ct         51079030200309         Site Visit and no Comcast presence           322 HEIGHTS HILL         51079030200309         Site Visit and no Comcast           ROAD         3         Site Visit and no Comcast           ROAD         3         Site Visit and no Comcast           416 HEIGHTS HILL         51079030200309         Site Visit and no Comcast           ROAD         3         Site Visit and no Comcast           674 HEIGHTS HILL         51079030200309         Site Visit and no Comcast           ROAD         3         Site Visit and no Comcast           80AD         3         Site Visit and no Comcast	340 TOTTIS KOdu		Site visit no conicast presence
9            72 HEIGHTS HILL         51079030200303         Site Visit no Comcast presence           98 Toms Rd         51079030200303         Site Visit no Comcast presence           Lees Ct         51079030200303         Site Visit no Comcast presence           322 HEIGHTS HILL         51079030200309         Site Visit and no Comcast           ROAD         3         Site Visit and no Comcast           80AD         3         Site Visit and no Comcast	ADA TOMS POAD		Site Visit no Compast presence
72 HEIGHTS HILL         51079030200303         Site Visit no Comcast presence           80AD         9         Site Visit no Comcast presence           98 Toms Rd         51079030200303         Site Visit no Comcast presence           Lees Ct         51079030200309         Site Visit and no Comcast           80AD         3         Site Visit and no Comcast	434 TOWIS NOAD		Site visit no conicast presence
ROAD         9           98 Toms Rd         51079030200303 9           Lees Ct         51079030200303 9           322 HEIGHTS HILL ROAD         51079030200309 3           392 HEIGHTS HILL FORD         51079030200309 3           416 HEIGHTS HILL ROAD         51079030200309 3           416 HEIGHTS HILL FORD         51079030200309 3           442 HEIGHTS HILL FORD         51079030200309 3           80AD         3           674 HEIGHTS HILL FORD         51079030200309 3           674 HEIGHTS HILL FORD         51079030200309 3           80AD         3           708 HEIGHTS HILL FORD         51079030200309 3           80AD Site Visit and no Comcast 3	72 HEIGHTS HILL		Site Visit no Comcast presence
98 Toms Rd         51079030200303 9         Site Visit no Comcast presence           Lees Ct         51079030200309 9         Site Visit no Comcast presence           322 HEIGHTS HILL ROAD         51079030200309 3         Site Visit and no Comcast           80AD         3         Site Visit and no Comcast			Site visit no conteast presence
Site Visit no Comcast presence   Site Visit and no Comcast			Site Visit no Comcast presence
Lees Ct         51079030200303 9         Site Visit no Comcast presence           322 HEIGHTS HILL ROAD         51079030200309 3         Site Visit and no Comcast           392 HEIGHTS HILL ROAD         51079030200309 3         Site Visit and no Comcast           416 HEIGHTS HILL ROAD         51079030200309 3         Site Visit and no Comcast           ROAD         3         Site Visit and no Comcast           80AD         3         Site Visit and no Comcast			Cita tial no comoust processes
9 Site Visit and no Comcast  ROAD 3  392 HEIGHTS HILL 51079030200309 Site Visit and no Comcast  ROAD 3  416 HEIGHTS HILL 51079030200309 Site Visit and no Comcast  ROAD 3  442 HEIGHTS HILL 51079030200309 Site Visit and no Comcast  ROAD 3  674 HEIGHTS HILL 51079030200309 Site Visit and no Comcast  ROAD 3  674 HEIGHTS HILL 51079030200309 Site Visit and no Comcast  ROAD 3  708 HEIGHTS HILL 51079030200309 Site Visit and no Comcast	Lees Ct		Site Visit no Comcast presence
ROAD       3         392 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         416 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         442 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         674 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         708 HEIGHTS HILL       51079030200309       Site Visit and no Comcast			
ROAD       3         392 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         416 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         442 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         674 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         708 HEIGHTS HILL       51079030200309       Site Visit and no Comcast	322 HEIGHTS HILL	51079030200309	Site Visit and no Comcast
ROAD       3         416 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         442 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         674 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         708 HEIGHTS HILL       51079030200309       Site Visit and no Comcast			
ROAD       3         416 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         442 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         674 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         708 HEIGHTS HILL       51079030200309       Site Visit and no Comcast	392 HEIGHTS HILL	51079030200309	Site Visit and no Comcast
ROAD         3           442 HEIGHTS HILL         51079030200309         Site Visit and no Comcast           ROAD         3           674 HEIGHTS HILL         51079030200309         Site Visit and no Comcast           ROAD         3           708 HEIGHTS HILL         51079030200309         Site Visit and no Comcast	ROAD		
442 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         674 HEIGHTS HILL       51079030200309       Site Visit and no Comcast         ROAD       3         708 HEIGHTS HILL       51079030200309       Site Visit and no Comcast	416 HEIGHTS HILL	51079030200309	Site Visit and no Comcast
ROAD         3           674 HEIGHTS HILL         51079030200309         Site Visit and no Comcast           ROAD         3           708 HEIGHTS HILL         51079030200309         Site Visit and no Comcast	ROAD	3	
674 HEIGHTS HILL         51079030200309         Site Visit and no Comcast           ROAD         3           708 HEIGHTS HILL         51079030200309         Site Visit and no Comcast	442 HEIGHTS HILL	51079030200309	Site Visit and no Comcast
ROAD 3 708 HEIGHTS HILL 51079030200309 Site Visit and no Comcast	ROAD	3	
708 HEIGHTS HILL 51079030200309 Site Visit and no Comcast	674 HEIGHTS HILL	51079030200309	Site Visit and no Comcast
	ROAD	3	
DOAD.	708 HEIGHTS HILL	51079030200309	Site Visit and no Comcast
KUAU 3	ROAD	3	
16735 SPOTSWOOD 51079030200309 Site Visit no Comcast presence	16735 SPOTSWOOD	51079030200309	Site Visit no Comcast presence
TRAIL 8	TRAIL	8	

16965 SPOTSWOOD	51079030200309	Site Visit no Comcast presence
TRAIL	8	
17001 SPOTSWOOD	51079030200309	Site Visit no Comcast presence
TR	8	
17025 SPOTSWOOD	51079030200309	Site Visit no Comcast presence
TR	8	Cita Visita a Consent museum
17061 SPOTSWOOD	51079030200309 8	Site Visit no Comcast presence
TR Lees Ct	51079030200309	Site visit and talked to residents
Lees Ct	8	Site visit and tarked to residents
1282 MOORE ROAD	51079030202200	Site Visit and no Comcast
	7	
1330 MOORE ROAD	51079030202200	Site Visit and no Comcast
	7	
15421 SPOTSWOOD	51079030202200	Site Visit and no Comcast
TRAIL	7	
Abe Rd	51079030202200	Site Visit and no Comcast
	7	
LONDON CT	51079030202200	Site Visit and see email from Greene County
	7	
Rippin Run Rd	51079030202200	Site Visit and No Comcast see email from homeowners
Mind Dides DD	7	price quote
Wind Ridge DR	51079030202200 7	Site Visit and see email from Greene County
1131 TOMS ROAD	51079030202200	Site Visit and no Comcast
TIST TOWIS NOAD	8	Site visit and no comeast
1727 TOMS ROAD	51079030202200	Site Visit and no Comcast
	8	
385 TOMS ROAD	51079030202200	Site Visit and no Comcast
	8	
407 TOMS ROAD	51079030202200	Site Visit and no Comcast
	8	
455 TOMS ROAD	51079030202200	Site Visit and no Comcast
	8	
733 TOMS ROAD	51079030202200	Site Visit and no Comcast
Croonwood Forms CT	5107002020200	Site Visit and no Compact
Greenwood Farms CT	51079030202200	Site Visit and no Comcast
Greenwood Farms Rd	8 51079030202200	Site Visit and no Comcast
Siccitivood rainis itu	8	Site visit and no confedst
KELSEY LN	51079030202200	Site Visit and no Comcast
	8	
Morton LN	51079030202200	Site Visit and no Comcast
	8	
Toms Rd	51079030202200	Site Visit and no Comcast
	8	

Windsong RD	51079030202200 8	Site Visit and no Comcast
Woodfield DR	51079030202200 8	Site Visit and no Comcast
15337 SPOTSWOOD TRAIL	51079030202202 2	Site Visit and no Comcast
480 MOORE ROAD	51079030202202 2	Site Visit and no Comcast
522 MOORE ROAD	51079030202202 2	Site Visit and no Comcast
578 MOORE ROAD	51079030202202 2	Site Visit and no Comcast
28464 OLD OFFICE RD	51137110102107 4	No Comcast site visit
28496 OLD OFFICE RD	51137110102107 4	No Comcast site visit
7170 BURR HILL RD	51137110102107 4	No Comcast site visit
7222 BURR HILL RD	51137110102107 4	No Comcast site visit
7315 HOLMAN DR	51137110102107 4	No Comcast site visit
7454 BURR HILL RD	51137110102107 4	No Comcast site visit
25133 Boling Lane	51137110102200 1	Talked to homeowners, Surveys, site visit
8015 Wilderness Woods Ln	51137110102200 1	No Comcast site visit and surveys
8020 Wilderness Woods LN	51137110102200 1	No Comcast site visit and surveys
Boiling Ln	51137110102200 1	No Comcast site visit
CLAUDES DR	51137110102200 1	No Comcast site visit and surveys
GRANT DR	51137110102200 1	No Comcast site visit
8288 Logging Road	51137110102201 1	Talked to homeowners, Surveys, site visit
Mountain View	51137110102201 1	Talked to homeowners, Surveys, site visit
Piedmont LN	51137110102201 1	Talked to homeowners, Surveys, site visit
Pine Stake RD	51137110102201 1	No Comcast site visit
PINE TREE RD	51137110102201 1	No Comcast site visit

Tower Rd	51137110102201	No Comcast site visit
Tower Nu	3	NO Conicast site visit
10510 Tower Road	51137110102201	No Compact site visit and surveys
10310 TOWER ROAU	3	No Comcast site visit and surveys
10660 Tower Dd	51137110102201	No Compost site visit and surveys
10660 Tower Rd		No Comcast site visit and surveys
40350 TOWER DD	3	No Comment of the 1971
10358 TOWER RD	51137110102201	No Comcast site visit
40520 TOWER DD	3	No Comment of the College
10530 TOWER RD	51137110102201	No Comcast site visit
44204 TOWER RD	3	No Comment of the College
11304 TOWER RD	51137110102201	No Comcast site visit
25520 MAA CNIOLIA	3	No Comment of the College
25529 MAGNOLIA	51137110102201	No Comcast site visit
RIDGE DR	3	No Constant the State of the St
11367 Boston rd	51137110102201	No Comcast site visit and surveys
25260	3	No Compact site visit
25268	51137110102201	No Comcast site visit
INDEPENDENCE RD	3	No Company stancists
11436 BOSTON RD	51137110102201	No Comcast site visit
44.426 BINIFINIOOD IN	3	No Comment of the College
11436 PINEWOOD LN	51137110102201	No Comcast site visit
424547bTl	3	No Constant the State of the St
12154 Zachary Taylor	51137110102202	No Comcast site visit and surveys
Hwy.	1	No Comment of the College
12205 ZACHARY	51137110102202	No Comcast site visit
TAYLOR HWY	1	11.0
12211 ZACHARY	51137110102202	No Comcast site visit
TAYLOR HWY	1	T-III a la la la la companya Companya (la companya la companya (la companya (la companya la companya (la
24336 EDDIES WALK	51137110102202	Talked to homeowners, Surveys, site visit
WAY	1	T-III - I I - I - I - I - I - I - I - I
24375 Eddies Walk	51137110102202	Talked to homeowners, Surveys, site visit
Way	T	No Company site visit and surveys
10361 Zachary Taylor	51137110102202	No Comcast site visit and surveys
hwy	4	No Composit site visit
11129 ZACHARY TAYLOR HWY	51137110102202	No Comcast site visit
24220 CONSTITUTION	4 F1127110102202	No Comcast site visit
	51137110102202	No Comcast site visit
HWY	51137110102202	No Compact site visit
24273 CREEKWOOD RD		No Comcast site visit
	4 51127110102202	No Compact site visit
25249 INDEPENDENCE RD	51137110102202 4	No Comcast site visit
25325	51137110102202	No Comcast site visit
INDEPENDENCE RD	4	INO CONICASE SILE VISIL
25393	51137110102202	No Comcast site visit
INDEPENDENCE RD	4	INO COMICASE SILE VISIL

44202 746114814	5440744040000	TN 0
11392 ZACHARY	51137110102300	No Comcast site visit
TAYLOR HWY	2	
11424 ZACHARY	51137110102300	No Comcast site visit
TAYLOR HWY	2	N. 0
24195	51137110102300	No Comcast site visit
INDEPENDENCE RD	2	
22999 Independence	51137110102300	No Comcast site visit and surveys
rd.	5	N. 0
23045 LITTLE CREEK	51137110102300	No Comcast site visit
LN	5	No Constant of the College
23062	51137110102300	No Comcast site visit
INDEPENDENCE RD	5	No Comment of the College
23415	51137110102300	No Comcast site visit
INDEPENDENCE RD	5	No Company site visit
23479	51137110102300	No Comcast site visit
INDEPENDENCE RD Barr Ln	5 51137110102300	No Comcast site visit
Barr Lii	7	No Comcast site visit
Quarter Horse Ln	51137110102300	No Comcast site visit
Quarter Horse Lif	7	No Conicast site visit
12035 PORTER RD	51137110102300	Site Visit no Comcast and survey
12033 FORTER RD	9	Site visit no comeast and survey
12271 PORTER RD	51137110102300	Site Visit no Comcast and survey
	9	Site visit no conteast and survey
20076 BRIANS CT	51137110102300	Site Visit no Comcast and survey
	9	3.00 1.00 1.00 00
20079 BRIANS CT	51137110102300	Site Visit no Comcast and survey
	9	, ,
12261 MARQUIS RD	51137110102301	No Comcast site visit
	7	
12321 LAFAYETTE TRL	51137110102301	No Comcast site visit
	7	
14189 MARQUIS RD	51137110102301	No Comcast site visit
	7	
14311 MARQUIS RD	51137110102301	No Comcast site visit
	7	
14374 ZACHARY	51137110102301	No Comcast site visit
TAYLOR HWY	7	
24077 LAHORE RD	51137110102301	No Comcast site visit
	7	
24161 COCKRILL	51137110102301	No Comcast site visit
FARM LN	7	
24431 LAHORE RD	51137110102301	No Comcast site visit
	7	
11362 Porter Rd	51137110102302	Site Visit no Comcast and survey
	0	

12294 PORTER RD	51137110102302	Site Visit no Comcast and survey
	0	·
12340 PORTER RD	51137110102302 0	Site Visit no Comcast and survey
20507 Gum Tree Road	51137110102302 0	No Comcast site visit and survey
Gum Tree Rd	51137110102302 0	Partial Comcast Served
Porter Rd	51137110102302 0	Stops at Sheriff Office 11350 PORTER RD
Sunfish Ln	51137110102302 0	No Comcast site visit
21435 BERRY RUN RD	51137110102302 3	No Comcast site visit
21489 BERRY RUN RD	51137110102302 3	No Comcast site visit
22043 BERRY RUN RD	51137110102302 3	No Comcast site visit
22161 BERRY RUN RD	51137110102302 3	No Comcast site visit
22209 BERRY RUN RD	51137110102302 3	No Comcast site visit
22243 BERRY RUN RD	51137110102302 3	No Comcast site visit
Berry Run Rd	51137110102302 3	No Comcast site visit
STONER LN	51137110102302 3	No Comcast site visit
Walking Deer Ln	51137110102302 3	Site Visit no Comcast and survey
Harbor RD	51137110102302 6	Site Visit no Comcast
Lake Front CT	51137110102302 6	No Comcast site visit
Lake Ridge Ct	51137110102302 6	Site Visit no Comcast and survey
Lake Ridge Ct	51137110102302 6	No Comcast site visit
Lakeview Ln	51137110102302 6	Site Visit no Comcast
Shore Dr	51137110102302 6	Site Visit no Comcast and survey
13096 Kendall Road	51137110102303 2	No Comcast site visit and survey
PRATT LN	51137110102303 2	No Comcast site visit

SUNNYNOOK LN	51137110102303 2	No Comcast site visit
14003 RED FEATHER WAY	51137110102303 3	No Comcast site visit
14011 RED FEATHER WAY	51137110102303 3	No Comcast site visit
22127 LAHORE RD	51137110102303 3	No Comcast site visit
22297 LAHORE RD	51137110102303 3	No Comcast site visit
22319 LAHORE RD	51137110102303 3	No Comcast site visit
17325 MARQUIS RD	51137110102304 9	No Comcast site visit
18043 MARQUIS RD	51137110102304 9	No Comcast site visit
21545 MONROVIA RD	51137110102304 9	No Comcast site visit
22005 MONROVIA RD	51137110102304 9	No Comcast site visit
22250 DOUBLE W	51137110102304	No Comcast site visit
FARM RD	9	
22285 DOUBLE W	51137110102304	No Comcast site visit
FARM RD 22495 Thornhill Rd	9 51137110102304	No Comcast site visit and talked to citizen, email
22493 Mommin Ku	9	No comeast site visit and tained to citizen, email
23114 THORNHILL RD	51137110102305 0	No Comcast site visit
23131 Monrovia Rd.	51137110102305 0	No Comcast site visit and talked to citizen, email
23176 THORNHILL RD	51137110102305 0	No Comcast site visit
23283 MONROVIA RD	51137110102305 0	No Comcast site visit
23514 THORNHILL RD	51137110102305 0	No Comcast site visit
15098 Viney way	51137110102401 3	No Comcast site visit and survey
15284 Poplar Rd	51137110102401 3	No Comcast site visit and talked to citizen
Pamunkey LN	51137110102401 3	No Comcast site visit, email, talked to residences
Rocky Ln	51137110102401 3	No Comcast site visit and survey
ROCKY LN	51137110102401 3	No Comcast site visit and survey

Sassafas LN	51137110102401	No Comcast site visit
Serenity Pass LN	3 51137110102401	No Comcast site visit
Seremey rass Err	3	The definition of the state of
Viney Way	51137110102401	No Comcast site visit
454041	3	No Constant in the state of the
15484 kerbydrive	51137110102401 4	No Comcast site visit and survey
17106 Cinders Ln	51137110102401	No Comcast site visit and survey
	4	·
Kirby DR	51137110102401 4	No Comcast site visit and survey
Matthew Mill RD	51137110102401	No Comcast site visit and survey
Dia an Marada Dal	4	No Company distribution
Piney Woods Rd	51137110102401 4	No Comcast site visit
TRAPPERS LN	51137110102401	No Comcast site visit and survey
	4	
Tyson Center Rd	51137110102401	No Comcast site visit
17106 Cinders Ln	51137110102402	No Comcast site visit and survey
17100 Ciliders Lii	2	NO Comcast site visit and survey
20313 SHADE GROVE	51137110102402	No Comcast site visit
LN	2	
20447 SHADY GROVE	51137110102402	No Comcast site visit
LN	2	
20560 MONROVIA RD	51137110102402 2	No Comcast site visit
20688 MONROVIA RD	51137110102402	No Comcast site visit
	2	
20718 MONROVIA RD	51137110102402	No Comcast site visit
20720 MONDOVIA DD	2	No Composit site visit
20738 MONROVIA RD	51137110102402 2	No Comcast site visit
Boogie Ln	51137110102402	No Comcast site visit, survey Information, talked to
	3	residence, email
16395 MOUNTAIN	51137110102402	No Comcast site visit
TRACK RD	5	
16437 MOUNTAIN	51137110102402	No Comcast site visit
TRACK RD	5	
16557 MOUNTAIN	51137110102402	No Comcast site visit
TRACK RD	5	No Company distribution
Black Oak RD	51137110102402 5	No Comcast site visit
14194 Green Acres	51137110102402	Site Visit and no Comcast and survey
RD	7	·

14044 005511 40056	F1127110102102	
14311 GREEN ACRES	51137110102402	Site Visit and no Comcast and survey
RD	7	
15566 TOMAHAWK	51137110102402	Site Visit no Comcast
CREEK RD	7	
GREEN ACRES RD	51137110102402	Site Visit and no Comcast and survey
	7	
Green Acres RD	51137110102402	No Comcast site visit and survey
	7	,
OAKSHADE CT	51137110102402	No Comcast site visit
	7	
OakShade RD	51137110102402	No Comcast site visit
Gukshade KB	7	No comeast site visit
20031 ELLISVILLE RD	51137110102404	No Comcast site visit
20031 ELLISVIELE ND	3	NO Conicast site visit
22282 MONROVIA RD	51137110102404	No Comcast site visit
22202 IVIOINKOVIA KD	3	NO COMCast site visit
2220C MONDOVIA DD		No Compost site visit
22286 MONROVIA RD	51137110102404	No Comcast site visit
22 42 4 5 11 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3	
22481 PINETREE LN	51137110102404	No Comcast site visit
	3	
22491 FARMERS LN	51137110102404	No Comcast site visit
	3	
18457 HENDERSON	51137110102404	No Comcast site visit
LN	6	
22440 BRIARWOOD	51137110102404	No Comcast site visit
RD	6	
22478 LANEWOOD	51137110102404	No Comcast site visit
RD	6	
20251 Bennett Way	51137110102404	No Comcast site visit and survey
	9	
20294 Bennett Way	51137110102404	No Comcast site visit and survey
	9	
BENNET FARM RD	51137110102404	No Comcast site visit and survey
	9	·
LANDS END DR	51137110102404	No Comcast site visit and survey
	9	,
LANDS END DR	51137110102404	No Comcast site visit and survey
	9	33.75
23204 Deertrail Ln	51137110102504	No Comcast site visit and survey
	0	The desired visite and survey
23290 HAWFIELD RD	51137110102504	No Comcast site visit
23230 HAVVIILLD ND	0	TWO Corneast site visit
23292 HAWFIELD RD	51137110102504	No Comcast site visit
ZOZOZ HAWFIELD KD	_	INO COMICASE SILE VISIL
0350 51/50014 00	0	No Compact site visit
9250 EVERONA RD	51137110102504	No Comcast site visit
	0	

Hawfield RD  51137110102504 0  10138 Everona Rd  51137110102504 1  23375 BERNICE LN  51137110102504 1  9380 EVERONA RD  51137110102504 1  9502 EVERONA RD  51137110102504 1  9560 EVERONA RD  51137110102504 1  LOVETT LN  51137110102504 No Comcast site visit and survey 1  No Comcast site visit and survey 1	
10138 Everona Rd	
1	
1	
1 9502 EVERONA RD 51137110102504 No Comcast site visit and survey 1 9560 EVERONA RD 51137110102504 No Comcast site visit and survey 1 LOVETT LN 51137110102504 No Comcast site visit and survey 1	
9502 EVERONA RD 51137110102504 No Comcast site visit and survey  9560 EVERONA RD 51137110102504 No Comcast site visit and survey  1  LOVETT LN 51137110102504 No Comcast site visit and survey  1	
9560 EVERONA RD 51137110102504 No Comcast site visit and survey 1 LOVETT LN 51137110102504 No Comcast site visit and survey 1	
LOVETT LN 51137110102504 No Comcast site visit and survey	
<del>-</del>	
1	
1 F1127110102504 No Compact site visit	
Whiney LN 51137110102504 No Comcast site visit	
17335 Quarles 51137110102506 No Comcast site visit and survey	
Mountain 7	
19251 Constitution	
Hwy 3	
SPRING VALE LN 51137110102507 No Comcast site visit and survey 3	
Babbling Brook Ln 51137110102509 No Comcast site visit	
Krystal DR 51137110102509 No Comcast site visit	
Germanna DR 51137110103100 No Comcast site visit, email and survey	
Pilgrim Church Rd 51137110103103 No Comcast site visit	
Vaucluse Rd 51137110103103 No Comcast site visit	
33215 CROWN 51137110103106 No Comcast site visit	
VICTORIA LN 3	
4515 GOVERNOR 51137110103106 No Comcast site visit	
ALMOND RD 3	
5281 GOVERNOR 51137110103106 No Comcast site visit	
ALMOND RD 3	
6176 LOUISIANNA RD 51137110103106 No Comcast site visit	
6349 LOUISIANNA RD 51137110103106 No Comcast site visit	

7045 GOVERNOR	51137110103106	No Comcast site visit
ALMOND RD	3	TWO CONTRACTS SILE VISIT
CROWN VICTORIA LN	51137110103106	No Comcast site visit
	3	
Louisanna Rd	51137110103106	No Comcast site visit
	3	
3064 GERMANNA	51137110103300	Site Visit and no Comcast and survey
HWY	2	·
3130 GERMANNA	51137110103300	Site Visit and no Comcast and survey
HWY	2	
3215 FLAT RUN RD	51137110103300	Site Visit and no Comcast and survey
	2	
3217 FLAT RUN RD	51137110103300	Site Visit and no Comcast and survey
	2	
3281 FLAT RUN RD	51137110103300	Site Visit and no Comcast and survey
	2	
3283 FLAT RUN RD	51137110103300	Site Visit and no Comcast and survey
	2	
3313 FLAT RUN RD	51137110103300	Site Visit and no Comcast and survey
	2	
3369 FLAT RUN RD	51137110103300	Site Visit and no Comcast and survey
2277 (1	2	
3377 flat run rd	51137110103300	Site Visit and no Comcast and survey
2202 FLAT DUN DD	2	Site Visit and as Compact and survey
3393 FLAT RUN RD	51137110103300	Site Visit and no Comcast and survey
3437 FLAT RUN RD	51137110103300	Site Visit and no Comcast and survey
3437 I LAT KON KD	2	Site visit and no conicast and survey
34444 PEPPYS LN	51137110103300	Site Visit and no Comcast and survey
34441 211 13 211	2	Site visit and no conteast and salvey
34515 PEPPYS LN	51137110103300	Site Visit and no Comcast and survey
	2	
35009 BURNT MILL	51137110103300	Site Visit and no Comcast and survey
RD	2	,
35065 BURNT MILL	51137110103300	Site Visit and no Comcast and survey
RD	2	,
34271 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	
34425 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	
34477 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	
34481 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	
34493 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	

		,
34973 CONSTITUTION		Site Visit and no Comcast talked to residence
HWY	1	
34991 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	Cita Visit and no Composit talked to residence
35047 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY 35141 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	Site visit and no conicast talked to residence
35347 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	Site visit and no conicast taiked to residence
36525 CONSTITUTION	51137110103400	Site Visit and no Comcast talked to residence
HWY	1	Site visit and no comeast tained to residence
6182 WILLIAM	51137110103400	Site Visit and no Comcast talked to residence
RANDOLPH DR	1	
6204 WILLIAM	51137110103400	Site Visit and no Comcast talked to residence
RANDOLPH DR	1	
6261 WILLIAM	51137110103400	Site Visit and no Comcast talked to residence
RANDOLPH DR	1	
30100 NEW	51137110104106	No Comcast site visit
HAMPSHIRE RD	5	
30182 NEW	51137110104106	No Comcast site visit
HAMPSHIRE RD	5	The compast site visit
30396 OLD OFFICE RD	51137110104106	No Comcast site visit
	5	
6467 DIAMOND GLEN	51137110104106	No Comcast site visit
LN	5	
7045 Sierra way	51137110104106	Site Visit and no Comcast and survey
	5	
7077 Sierra Way	51137110104106	Site Visit and no Comcast and survey
	5	
7186 TANNERY RD	51137110104106	No Comcast site visit
7044 7444-754	5	11.0
7211 TANNERY RD	51137110104106	No Comcast site visit
7465 041/4/005	5	No Compact site visit
7465 OAKWOOD	51137110104106	No Comcast site visit
TAKE DR 7710 VERMONT RD	5 5 5 1 1 2 7 1 1 0 1 0 4 1 0 6	No Comcast site visit
1110 AEVINIONI KD	51137110104106 5	INO COILICASE SILE VISIL
7775 OAKWOOD	51137110104106	No Comcast site visit
LAKE DR	5	To comease site visit
31300 CONSTITUTION	51137110104106	No Comcast site visit
HWY	7	
31440 FUNERAL	51137110104106	No Comcast site visit
HOME RD	7	
31506 CONSTITUTION	51137110104106	No Comcast site visit
	3113/11010 1100	No contease site visit
HWY	7	The commense site visit

32100 CONSTITUTION	51137110104106	No Comcast site visit
HWY	7	
32268 CONSTITUTION	51137110104106	No Comcast site visit
HWY	7	
7294 GOLD DALE RD	51137110104106	No Comcast site visit
	7	
7324 GOLD DALE RD	51137110104106	No Comcast site visit
	7	
7374 HOPPY LN	51137110104106	No Comcast site visit
	7	
7447 HOPPY LN	51137110104106	No Comcast site visit
	7	
32495 JACOB LN	51137110104106	No Comcast site visit
	9	
33006 CONSTITUTION	51137110104106	No Comcast site visit
HWY	9	
33227 COLONIAL LN	51137110104106	No Comcast site visit
	9	
33237 PATRIOT CT	51137110104106	No Comcast site visit
	9	
33333 PARKER RD	51137110104106	No Comcast site visit
	9	
33340 Constitution	51137110104106	Site Visit and no Comcast and survey
Hwy	9	·
33349 PARKER RD	51137110104106	No Comcast site visit
	9	
	<i>J</i>	
7235 Gold Dale Rd	51137110104106	No Comcast site visit
7235 Gold Dale Rd	_	No Comcast site visit
7235 Gold Dale Rd 7367 GOLD DALE RD	51137110104106	No Comcast site visit  No Comcast site visit
	51137110104106 9	
	51137110104106 9 51137110104106	
7367 GOLD DALE RD	51137110104106 9 51137110104106 9	No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN	51137110104106 9 51137110104106 9 51137110104106	No Comcast site visit  No Comcast site visit
7367 GOLD DALE RD	51137110104106 9 51137110104106 9 51137110104106 9	No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9	No Comcast site visit  No Comcast site visit  No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106	No Comcast site visit  No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106	No Comcast site visit  No Comcast site visit  No Comcast site visit  No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106	No Comcast site visit  No Comcast site visit  No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD 8165 GOLD DALE RD	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106	No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104109	No Comcast site visit  No Comcast site visit  No Comcast site visit  No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD 8165 GOLD DALE RD 12218 kathleen ct,	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104109 8	No Comcast site visit  Site Visit and no Comcast and survey
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD 8165 GOLD DALE RD	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104109 8 51137110104109	No Comcast site visit
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD 8165 GOLD DALE RD 12218 kathleen ct, 12386 ORCHARD ST	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104109 8 51137110104109 8	No Comcast site visit  Site Visit and no Comcast and survey  Site Visit and no Comcast and survey
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD 8165 GOLD DALE RD 12218 kathleen ct,	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104109 8 51137110104109 8	No Comcast site visit  Site Visit and no Comcast and survey
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD 8165 GOLD DALE RD 12218 kathleen ct, 12386 ORCHARD ST	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104109 8 51137110104109 8 51137110104109	No Comcast site visit  Site Visit and no Comcast and survey  Site Visit and no Comcast and survey  Site Visit and no Comcast and survey
7367 GOLD DALE RD 7562 BEAGLE RUN LN 8085 GOLD DALE RD 8117 GOLD DALE RD 8165 GOLD DALE RD 12218 kathleen ct, 12386 ORCHARD ST	51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104106 9 51137110104109 8 51137110104109 8	No Comcast site visit  Site Visit and no Comcast and survey  Site Visit and no Comcast and survey

30502 Catharpin Road	51137110104109 8	Site Visit and no Comcast and survey
31028 CATHARPIN RD	51137110104109 8	No Comcast site visit
31136 Catharpin Rd	51137110104109 8	Site Visit and no Comcast and survey
32178 OLD PLANK RD	51137110104110	No Comcast site visit
32301 OLD PLANK RD	51137110104110 1	No Comcast site visit
32330 CHILDRESS RD	51137110104110 1	No Comcast site visit
32343 old plank rd	51137110104110 1	Site Visit and no Comcast and survey
32362 Settles Lane,	51137110104110 1	Site Visit and no Comcast and survey
32384 SETTLES LN	51137110104110 1	No Comcast site visit
32538 CHILDRESS RD	51137110104110 1	No Comcast site visit
33281	51137110104110	No Comcast site visit
HUMMINGBIRD LN	1	
9034 GOLD DALE RD	51137110104110 1	No Comcast site visit
9392 REYNOLDS RD	51137110104110 1	No Comcast site visit
9441 BARNES RD	51137110104110 1	No Comcast site visit
9442 BARNES RD	51137110104110 1	No Comcast site visit
32282 SINGLETON RD	51137110104110 9	No Comcast site visit
32315 WHITE OAK DR	51137110104110 9	No Comcast site visit
32324 WHITE OAK DR	51137110104110 9	No Comcast site visit
32324 White Oak	51137110104110	Site Visit and no Comcast and survey
Drive	9	
32283 SINGLETON RD	51137110104111 0	No Comcast site visit
32329 SINGLETON RD	51137110104111 0	No Comcast site visit
7392 GOLD DALE RD	51137110104111 0	No Comcast site visit
11564 Robins Ridge Rd	51137110104111 1	Site Visit and no Comcast and survey

11572 ROBINS RIDGE	51137110104111	No Comcast site visit
RD	1	The semination of the seminati
12218 KATHLEEN CT	51137110104111	No Comcast site visit
	1	
29128 ST JUST DR	51137110104111	No Comcast site visit
	1	
29138 St. Just Dr	51137110104111	Site Visit and no Comcast and survey
	1	
29329 st. Just dr	51137110104111	Site Visit and no Comcast and survey
	1	
15595 MONTEBELLO	51137110200102	No Comcast site visit
DR	4	
16433 TRIMMERS RD	51137110200102	No Comcast site visit
	4	
16451 ELMWOOD	51137110200102	No Comcast site visit
FARM RD	4	
17205 HOMEWOOD	51137110200102	No Comcast site visit
DR	4	
9538 RAPIDAN RD	51137110200102	No Comcast site visit
0640 BABIBANI BB	4	11.0
9610 RAPIDAN RD	51137110200102	No Comcast site visit
0164 148456	<u>4</u>	No Compact site visit
9164 JAMES	51137110200200 0	No Comcast site visit
MADISON HWY  12488 Walnut Hills	51137110200200	No Comcast site visit see email and price quote from
Drive	0	Comcast
11385 Benden River	51137110200204	No Comcast site visit
Rd	3	No comeast site visit
12323 SPICERS MILL	51137110200204	No Comcast site visit talked to homeowner and email
RD	3	
12401 SPICERS MILL	51137110200204	No Comcast site visit
RD	3	
12248 SPICERS MILL	51137110200204	No Comcast site visit
RD	7	
12320 SPICERS MILL	51137110200204	No Comcast site visit
RD	7	
12550 SPICERS MILL	51137110200204	No Comcast site visit
RD	7	
HOLLY LN	51137110200204	No Comcast site visit
	7	
11449 MONTFORD	51137110200205	No Comcast site visit
RD	8	
11487 SPICERS MILL	51137110200205	No Comcast site visit
RD	8	No Company distribution
11539 SPICERS MILL	51137110200205	No Comcast site visit
RD	8	

12167 SPICERS MILL	E112711020020E	No Compact site visit
	51137110200205	No Comcast site visit
RD	8	No Compart site visit and supply
11127 MONTFORD LN	51137110200206	No Comcast site visit, email and survey
11221 Mantfaud Daad	4	See email from home owner
11221 Montford Road	51137110200206	See email from nome owner
44222 442475000	4	
11223 MONTFORD	51137110200206	No Comcast site visit
RD	4	No Constant the 19th and 19th and
Montford LN	51137110200206	No Comcast site visit, email and survey
4.405.4.1150410.041.141	4	No Comment of the College
14054 HERNDON LN	51137110300107	No Comcast site visit
4.4420.1150010.001.101	2	No Comment of the College
14138 HERNDON LN	51137110300107	No Comcast site visit
4.4200 LITCUELE D. CT	2	No Company site wileit
14298 LITCHFIELD CT	51137110300107	No Comcast site visit
122 FAIRCROUND DD	2	No Composit site visit
133 FAIRGROUND RD	51137110300107	No Comcast site visit
15214 LITTLE COVDT	4 51127110200107	No Composit site visit
15214 LITTLE EGYPT	51137110300107	No Comcast site visit
RD	8	No Compost site visit
15281 BROADMOOR	51137110300107	No Comcast site visit
LN 15330 LITTLE EGYPT	8 51137110300107	No Comcast site visit
RD	8	No Conicast site visit
15420 kristeen lane	51137110300107	No Comcast site visit
13420 KIISLEEH IAHE	8	NO Conicast site visit
15429 Kristeen lane	51137110300107	No Comcast site visit and survey
15425 Kristeen lane	8	Two conteast site visit and survey
15634 MOUNTAIN	51137110300107	No Comcast site visit
TRACK RD	8	TWO CONTRACTS SIZE VISIT
15766 MOUNTAIN	51137110300107	No Comcast site visit
TRACK RD	8	
16136 MOUNTAIN	51137110300107	No Comcast site visit
TRACK RD	8	
16264 WOODLANDS	51137110300107	No Comcast site visit
DR	8	
16348 WOODLANDS	51137110300107	No Comcast site visit
DR	8	
15048 MADISON RUN	51137110300200	No Comcast site visit
RD	2	
14609 MADISON RUN	51137110300200	No Comcast site visit
RD	3	
13262 gun club road	51137110300202	No Comcast site visit and survey
	3	·
18079 cloverleaf lane	51137110300202	No Comcast site visit and survey
	3	

18120 Granite Dr	51137110300202 4	No Comcast site visit and survey EMAIL
18141 Granite Dr	51137110300202	Site Visit and no Comcast and survey
Granite DR	51137110300202 4	No Comcast site visit
GRANITE DR	51137110300202 4	No Comcast site visit and survey
Slate Hill Ln	51137110300202 4	No Comcast site visit
SLATE HILL LN	51137110300202 4	No Comcast site visit and survey
Johnson Way	51137110300203 2	No Comcast site visit
12178 COX MILL RD	51137110300203 7	No Comcast site visit AND SURVEY
CHAPMAN LN	51137110300203 7	No Comcast site visit
DEEP WOODS LN	51137110300203 7	No Comcast site visit
GREGORY DR	51137110300203 7	No Comcast site visit
JUSTICE DR	51137110300203 7	No Comcast site visit and survey
18689 JAMES MADISON HWY	51137110300204 6	No Comcast site visit
19017 JAMES MADISON HWY	51137110300204 6	No Comcast site visit
19051 JAMES MADISON HWY	51137110300204 6	No Comcast site visit
Browntown DR	51137110300208 6	No Comcast site visit
Browntown RD	51137110300208 6	No Comcast site visit
Jim CT	51137110300208 6	No Comcast site visit
Juno LN	51137110300208 6	No Comcast site visit
11511 COX MILL RD	51137110300208 7	No Comcast site visit
11535 COX MILL RD	51137110300208 7	No Comcast site visit
11511 GRANDVIEW FARM RD	51137110300208 9	No Comcast site visit
BLACK LEVEL LN	51137110300208 9	No Comcast site visit and survey

GREEN HILL LN	51137110300208 9	No Comcast site visit
18148 James Madison Hwy	51137110300305 6	No Comcast site visit and survey
17364 ROCKLANDS FARM DR	51137110300305 9	No Comcast site visit
17439 ROCKLANDS DR	51137110300305 9	No Comcast site visit
11232 CEDAR HILL RD	51137110300306 0	No Comcast site visit
18534 JAMES MADISON HWY	51137110300306 0	No Comcast site visit
Cedar Hill Rd	51137110300306 0	No Comcast site visit
11255 JORDON FARM RD	51137110300306 1	No Comcast site visit
11355 CEDAR HILL RD	51137110300306 1	No Comcast site visit
11421 CEDAR HILL RD	51137110300306 1	No Comcast site visit
11487 CEDAR HILL RD	51137110300306 1	No Comcast site visit
Jordan Farm RD	51137110300306 1	No Comcast site visit
ROCKLANDS FARM RD	51137110300306 4	No Comcast site visit
19286 Briar Patch Drive	51137110300308 5	Site Visit and no Comcast and survey
19297 Lovers Lane,	51137110300308 5	Site Visit and no Comcast and survey
9155 THUMPER LN	51137110300308 5	Site Visit and no Comcast
9156 THUMPER LN	51137110300308 5	Site Visit and no Comcast
6015 Old Barboursville Road	51137110300311 1	Site Visit and no Comcast and survey
6055 Old	51137110300311	Site Visit and no Comcast and survey
Barboursville Rd	1	,
17568 Woodroof	51137110300311	Site Visit and no Comcast and survey
Road	4	Charles Consider the
6333 Spotswood Trl	51137110300311 4	Site Visit and no Comcast and survey
6379 Spotswood TRL	51137110300311 4	Site Visit and no Comcast and survey
6399 Spotswood Trl	51137110300311 4	Site Visit and no Comcast and survey

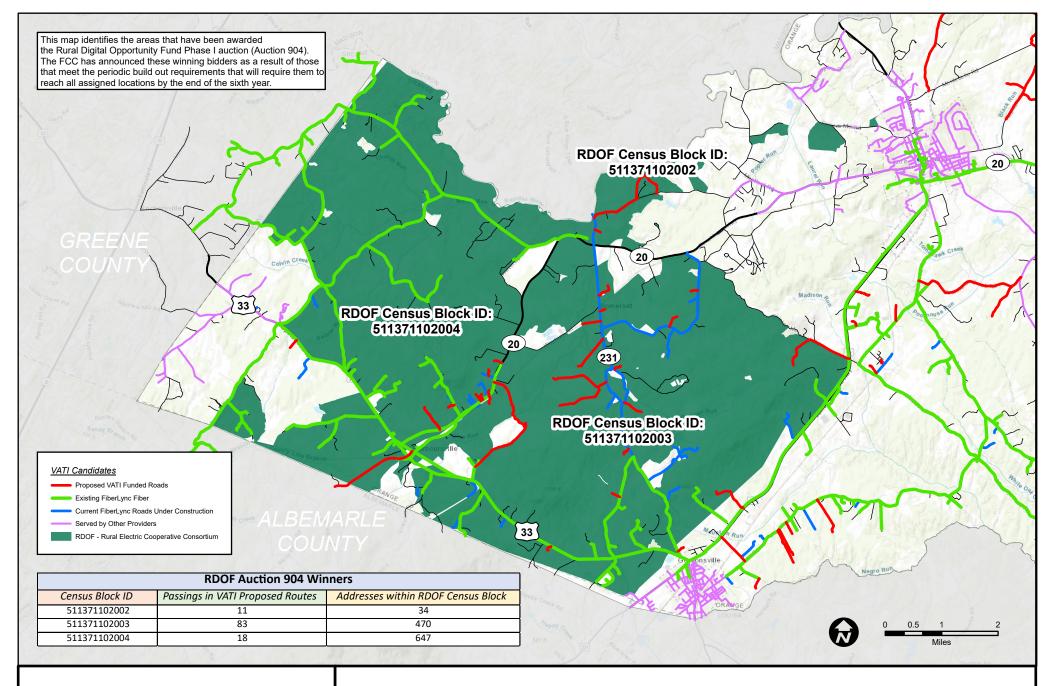
5614 Spotswood Trail	51137110300311 9	Site Visit and no Comcast and survey
HEN AND BACON RD	51137110300315 4	No Comcast site visit
14112 Spotswood Ridge Dr.	51137110300401 7	Survey results
1449 Lees Ct.	51137110300401 7	Survey and site Viist
2039 SPOTSWOOD TRL	51137110300401 7	Site Visit
Dogwood Ln	51137110300401 7	Site Visit no Comcast presence
Lees Ct	51137110300401 7	Site Visit no Comcast presence
3501 RIDGE RD	51137110300402 0	Site viist and survey
Alabno Rd	51137110300402 0	Site visit and survey
13356 Albano Rd	51137110300402 0	Site visit and survey
Ridge Rd	51137110300402 0	Comcast onky serves Mobile Home Park - see photos and documentation
4645 SPOTSWOOD TRL	51137110300403 7	Site Visit and no Comcast and survey
5088 Vineyard Lane	51137110300403 7	Site Visit and no Comcast and survey
15321 Dragon Hill drive	51137110300404 6	Site Visit and no Comcast
15483 Dragon Hill Drive	51137110300404 6	Site Visit and no Comcast
3394 SPOTSWOOD TRL	51137110300404 6	Site Visit and no Comcast
3486 Hamm Road,	51137110300404 6	Site Visit and no Comcast and survey
3495 HAMM RD	51137110300404 6	Site Visit and no Comcast
3556 Spotswood Trail	51137110300404 6	Site Visit and no Comcast and survey
3556 Spotswood Trail	51137110300404 6	Site Visit and no Comcast
4151 HAMM RD	51137110300404 6	Site Visit and no Comcast
4158 SPOTSWOOD TRL	51137110300404 6	Site Visit and no Comcast
4348 SPOTSWOOD TRL	51137110300404 6	Site Visit and no Comcast

4422 Spotswood Trail	51137110300404 6	Site Visit and no Comcast and survey
14479 Twin Brook	51137110300405	Survey, Site Visit and email cost for construction
Drive	6	Comcast
14518 Harvey Road	51137110300405	Survey and Site Visit
,	6	
15384 McWilliams	51137110300405	Survey, Site Visit and email cost for construction
Drive	6	Comcast
Arto RD	51137110300405	Site Visit
	6	
Burnley Rd	51137110300405	No Comcast Surveys and site visit
	6	
Harvey Road	51137110300405	Comcast only serves 2 houses
	6	
HILLCREST LN	51137110300405	No Comcast Surveys and site visit
	6	
Kokopelli Lane	51137110300405	Site Visit
	6	
McWilliams Drive	51137110300405	Comcast stop at 15260 McWilliams Dr
	6	
Miser DR	51137110300405	Site Visit
	6	
Twin Brook Drive	51137110300405	Site Visit
	6	
Willie Miser DR	51137110300405	Site Viist
	6	
Willie Miser LN	51137110300405	Comcast stop at 15323 Willie Miser Ln
	6	
Willy Dr	51137110300405	Site Visit
	6	
2028 SPOTSWOOD	51137110300406	Site Visit no Comcast presence
TRL	4	
2080 SPOTSWOOD	51137110300406	Site Visit no Comcast presence
TRL	4	
2094 SPOTSWOOD	51137110300406	Site Visit no Comcast presence
TRL	4	
2132 SPOTSWOOD	51137110300406	Site Visit no Comcast presence
TRL	4	
2154 SPOTSWOOD	51137110300406	Site Visit no Comcast presence
TRL	4	
11411 Albano Rd	51137110300407 2	Site Visit and no Comcast and survey
BLACK WALNUT RUN	Multiple	
RD		
Cox Mill RD	Multiple	Comcast stops 11418 Cox Mill RD near Brown RD
L		1

## ATTACHMENT 4 2023 Virginia Telecommunication Initiative (VATI) Passing Form

	Total Number of Passings in the Project Area <sup>1</sup>	Passings in the Project Area, without Special Construction Costs Required <sup>2</sup>	Construction Costs budgeted	Number of Passings with Speeds at 25/3 or below in Project Area <sup>4</sup>
Residential	688	688	0	688
Businesses (non-home based)	6	6	0	6
Businesses (home-based)	0	0	0	0
Community Anchors	0	0	0	0
Non-residential	3	3	0	3
Total	697	697	0	697

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





#### **Orange County GIS**

Public Safety Building 11282 Government Center Dr Orange, VA 22960

#### **RDOF Awarded Areas in VATI Area**

COMMISSIONED **DRAWN** DATE

JKW JHW 08/09/22

Current Status - August 9, 2022

Figure:

#### ATTACHMENT 7- TIMELINE PROJECT MANAGEMENT PLAN

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
VATI Release of Funds																		
Final Engineering																		
VDOT Permit																		
Applications/Acquisition																		
Private Road Easements																		
Acquisition																		
Inventory Assignment &																		
Reorder Alerts																		
Marketing/Customer																		
Outreach/Preregistration																		
Outside Plant Fiber Build																		
Subscriber Sign-up																		
FTTH Service																		
Drop/Customer Premise																		
Equipment Installs																		
24/7 Customer																		
Service/Network																		
Performance Monitoring																		

#### Memorandum of Understanding

#### Between

#### **ORANGE COUNTY**

#### And

#### **Orange County Broadband Authority**

This Memorandum of Understanding (MOU) is made and entered into, effective this [Date] (Effective Date) by and between Orange County, Virginia located at 112 W. Main Street, Orange, Virginia; and Orange County Broadband Authority (FiberLync) located at 323 N Madison Road, Suite C, Orange, Virginia.

WHEREAS Orange County, Virginia, and FiberLync desire to cooperate as co-applicants for the Virginia Telecommunication Initiative (VATI) grant, referred to herein as the Orange County Broadband Network Expansion.

**NOW, THEREFORE,** in recognition of the mutual interests and desires, Orange County and FiberLync hereby express the desire to agree to the following:

**INTENT,** Orange County and FiberLync will collaborate as co-applicants on a VATI grant to support the building of fiber in the area identified on a map attached hereto as Exhibit A and incorporated by reference herein.

Upon the grant award, Orange County intends to function as the conduit of funds for the Orange County Broadband Network Expansion. FiberLync will build and solely own the fiber network, provide the labor and materials necessary, service the customer base, and maintain the fiber network for the Orange County Broadband Network Expansion.

This MOU is not intended to create a binding contractual relationship between Orange County and FiberLync. Orange County and FiberLync agree that it would be in the best interest to negotiate a binding agreement should a grant for the Orange County Broadband Network Expansion be awarded to Orange County by VATI.

**EXPIRATION,** this MOU expires upon the earlier occurrence of (I) two (2) years from the Effective Date above; (II) execution by Orange County and FiberLync of a mutually agreed upon and fully negotiated binding agreement; (III) an official announcement by VATI that the grant opportunity has been canceled; or (IV) Orange County, Virginia does not receive a grant award from VATI.

**ENTIRE AGREEMENT,** the foregoing paragraphs and references contain the entire MOU between Orange County and FiberLync, and supersedes any previous understandings, commitments, or agreements with respect to Orange County Broadband Network Expansion referenced herein. Neither this MOU, or any single portion thereof, shall be deemed binding upon Orange County and FiberLync, unless and until incorporated into a binding agreement is properly executed by representatives of both Orange County and FiberLync each acting within the scope of the property authorized delegation of authority. Notwithstanding the foregoing, the representatives of Orange County and FiberLync executing this document warrant by their signatures that they will do so in good faith and diligence to achieve the intent manifested herein.

Orange County and FiberLync have caused this MOU to be executed by their authorized representative as set forth on the following page.

Signatures Appear on the next page

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#### **Orange County**

By:

Name: Theodore L. Voorhees

Title: County Administrator

Date: 8 23 22

Orange County Broadband Authority (FiberLync)

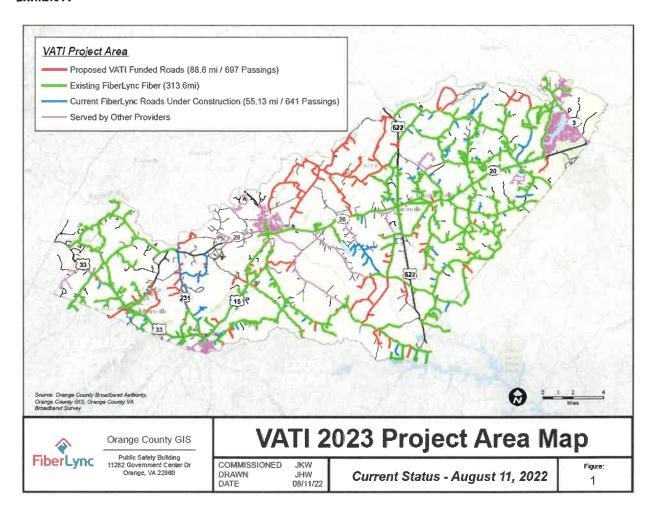
Ву:

Name: James K. White

Title: Board Chairman and CEO

Date: 8

#### **Exhibit A**



#### **ATTACHMENT 9-FUNDING SOURCES**

SOURCE	AMOUNT	PERCENTAGE	STATUS
REQUESTED VATI	\$2,568,000	23.4%	PENDING
ORANGE COUNTY			
PREVIOUS MATCH	\$4,000,000	36.5%	EXPENDED
(Covid/ARPA Funds)			
FIBERLYNC PREVIOUS	\$3,891,058	35.5%	EXPENDED
MATCH			
FIBERLYNC NEW			
MATCH	\$500,000	4.6%	CASH ON HAND
TOTAL	\$10,959,058	100%	



#### COUNTY ADMINISTRATOR'S OFFICE P. O. BOX 111 ORANGE, VIRGINIA 22960

#### **EXTRACT FROM THE MINUTES**

At a Regular Meeting of the Orange County Board of Supervisors held on Tuesday, April 12, 2022, beginning at 5:00 p.m., in the Meeting Room of the Public Safety Building, 11282 Government Center Drive, Orange, Virginia. Present: R. Mark Johnson, Chairman; James P. Crozier, Vice Chairman; James K. White; Keith F. Marshall; and Lee H. Frame. Also present: Theodore L. Voorhees, County Administrator; Thomas E. Lacheney, County Attorney; and Alyson A. Simpson, Chief Deputy Clerk.

#### RE: FY22 BUDGET AMENDMENTS (SUPPLEMENTALS AND TRANSFERS)

On the motion of Mr. Frame, seconded by Mr. Crozier, which carried by a vote of 5-0, the Board approved the following budget amendments, as presented:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	PREVIOUS BUDGET	BUDGET CHANGE	AMENDED BUDGET
30030002-33625	Donations - Triad	\$ (14,866.06)	(1,500.00)	(16,366.06)
43177001-46000	Office Supplies	10,189.00	1,500.00	11,689.00
30045004-33250	Miscellaneous	0.00	(1,578.00)	(1,578.00)
43120006-46800	Forfeited Asset Expenses	28,579.00	1,578.00	30,157.00
30030006-33500	Donations - Animal Shelter	(17,814.00)	(894.00)	(18,708.00)
43520003-43115	Prof. Serv Emergency Vet	161,825.00	894.00	162,719.00
49310006-47740 C1025	Contribution to FiberLync	0.00	1,000,000.00	1,000,000.00
30051003-39290	Trans. from COVID-19 Fund	0.00	(1,000,000.00)	(1,000,000.00)
43551006-45900	Contingency	2,673,867.00	(1,000,000.00)	1,673,867.00
49310015-47312	Trans. to Cty. Capital Project	0.00	1,000,000.00	1,000,000.00
30033507-33250	Miscellaneous	(100.00)	(2,000.00)	(2,100.00)
43231011-46015	Computer Software	25,000.00	2,000.00	27,000.00
30033505-33100	Fundraiser - OOY	0.00	(4,918.00)	(4,918.00)
45370101-46000	Office Supplies	2,000.00	418.00	2,418.00
45374201-46803	Donated Program Expenses	358.00	4,500.00	4,858.00
30033505-33101	Donations - School Supplies	0.00	(1,000.00)	(1,000.00)
45370101-46806	School Supplies Program	0.00	1,000.00	1,000.00
30033505-33105	Vending Machine Proceeds	0.00	(318.00)	(318.00)
45370101-43300	Vending Items for Resale	0.00	318.00	318.00
30033505-33250	VFHY Miscellaneous	0.00	(500.00)	(500.00)

· · · · · · · ·		Ψ	2,000,012.04	Ψ	0.00	Ψ	2,000,312.94
TOTALS	-	\$	2,888,512.94	\$	0.00	\$	2,888,512.94
45374101-46800	Program Expenses		5,750.00		5,750.00		11,500.00
30033505-33230	DSS - Strthg. Families Grant		0.00		(5,750.00)		(5,750.00)
45342402-46800	LES Childcare Expenses		0.00		101.00		101.00
30033515-31797	LES - Fundraising		0.00		(101.00)		(101.00)
45342302-46800	LGES Childcare Expenses		0.00		101.00		101.00
30033515-31785	LGES - Fundraising		0.00		(101.00)		(101.00)
45342202-46800	OES Sp. Evts. Expenses		0.00		101.00		101.00
30033515-31750	OES - Fundraising		0.00		(101.00)		(101.00)
45342102-46800	GBES Sp. Evts. Expenses		0.00		101.00		101.00
30033515-31675	GBES - Fundraising		0.00		(101.00)		(101.00)
45370102-46800	Michael's Gift Expenses		13,367.00		1,621.00		14,988.00
30033506-33250	Michael's Gift Donations		0.00		(1,621.00)		(1,621.00)
45374201-46803	Donated Program Expenses		358.00		500.00		858.00

Alyson A. Simpson Chief Deputy Clerk

I, the undersigned, being the duly appointed Chief Deputy Clerk to the Board of Supervisors of Orange County, Virginia, do hereby certify the foregoing extract of minutes of a Regular Meeting of said Board held on the 12<sup>th</sup> day of April, 2022, with the original thereof on file in the Office of the County Administrator.

#### Attachment 10 - FiberLync Matching Fund

240.00 1,650.00 275.00 10,749.40 36,630.70 7,500.00
275.00 10,749.40 36,630.70
10,749.40 36,630.70
36,630.70
7,500.00
526.95
125.20
41,248.90
2,155.22
19,954.00
3,680.00
42,120.50
201,949.00
11,652.80
5,086.20
17,195.60
85,846.10
2,956.00
9,972.70
8,785.80
11,337.80
7,244.00
26,111.27
945.00
34,853.40
3,800.00
2,173.62
64,410.28
10,247.09
1,200.00
1,072.00
11,532.00
937.49
2,160.00
392.38
47,015.04
-9,600.00
4,334.00
34,920.68
1,440.00
188.39
207.47
941.95
3,120.00
2,586.14
4,104.08
61,600.00
31,661.38
16,560.25
11,896.90
480.00
1,920.00
1,839.95
3,303.49
3,485.00
50,400.00
61,600.00
3,496.17
2,670.96
223.96
1,295.75
3,665.49
3,218.32
4,960.43
56,299.92
47,015.04

Bill	01/31/2022 1042	Mark Munn LLC		1,440.00
Bill	01/31/2022 Jan 2022	Bank of America		858.20
Bill	02/01/2022 IN01048479	Walker & Assc		4,772.67
Bill	02/01/2022 IN01048477	Walker & Assc		1,432.29
Bill	02/01/2022 IN01048478	Walker & Assc		4,951.51
Bill	02/10/2022 7187264-05	Power & Tel	AUC - FTTP - Bond 1800	28,634.77
Bill	02/11/2022 IN01049324	Walker & Assc		1,299.66
Bill	02/11/2022 290950	Utilicom Supply Associates	AUC - FTTP - Bond 1800	670.00
Deposit	02/11/2022 53517	Millennium	refund on overpayment	-49,336.03
Bill	02/13/2022 2022017	Mark Munn LLC		1,272.00
Bill	02/16/2022 7187264-06	Power & Tel	AUC - FTTP - Bond 1800	10,321.14
Bill	02/17/2022 7187264-07	Power & Tel	AUC - FTTP - Bond 1800	998.82
Bill	02/21/2022 1043	Mark Munn LLC		2,400.00
Bill	02/24/2022 IN01050347	Walker & Assc		2,214.76
Bill	02/28/2022 1044	Mark Munn LLC		1,200.00
Bill	02/28/2022 Feb 2022 Cap	Bank of America		220.00
Bill	03/01/2022 289877	Utilicom Supply Associates		950.00
Bill	03/04/2022 IN01051220	Walker & Assc		2,176.85
Bill	03/07/2022 IN01051274	Walker & Assc		1,295.75
Bill	03/07/2022 1045	Mark Munn LLC		1,920.00
Bill	03/07/2022 IN01051300	Walker & Assc		4,514.07
Bill	03/07/2022 IN01051277	Walker & Assc		4,766.81
Bill Bill	03/07/2022 IN01051276	Walker & Assc Walker & Assc		4,766.81 4,765.12
Bill	03/07/2022 IN01051278			4,752.30
Bill	03/07/2022 IN01051279 03/07/2022 IN01051275	Walker & Assc Walker & Assc		1,086.81
Bill	03/13/2022 1046	Mark Munn LLC		2,400.00
Bill	03/21/2022 1047	Mark Munn LLC		1,680.00
Bill	05/08/2022 2022051	Mark Munn LLC		557.20
Bill	05/08/2022 1051	Mark Munn LLC		1,200.00
Bill	05/22/2022 1053	Mark Munn LLC		720.00
General Journal	05/31/2022 138	The state of the s	IN01043077 Walker Invoice	-3,892.70
General Journal	05/31/2022 138		286621 Utilicom	-4,457.00
General Journal	05/31/2022 138		2021064 Mark Munn	-4,020.00
Bill	06/06/2022 1055	Mark Munn LLC		3,120.00
Bill	06/13/2022 1056	Mark Munn LLC		3,600.00
Bill	06/26/2022 1057	Mark Munn LLC		1,440.00
Bill	06/30/2022 June 2022	Bank of America	Rainbow tech, Budco INc, Sedwick	2,379.85
Total 17200 · FTT	P & Trans Electr - Bond 2021			1,194,638 82
17300 · Working	Capítal - Bond 2021			
Bill	12/13/2021 21-58438-1	Millennium		12,942.65
Bill	01/16/2022 2022004	Mark Munn LLC	Fiber Splicing	24,787.73
Bill	01/18/2022 1438	Ayala Construction, LLC	Drop installation	86,140.00
Bill	01/26/2022 1439	Ayala Construction, LLC	Fiber Installation -Monrovia Rd	211,465.40
Bill	01/30/2022 2022005	Mark Munn LLC	Fiber Splicing -Lafayette Drive to connect Constitution to Black Walnut Run Rd.	3,537.22
Bill	02/02/2022 2022008	Mark Munn LLC	Fiber Splicing - Terry Run Rd - From Orange Springs Rd to Isabelle Drive	2,113.60
Bill	02/03/2022 9032005	Byers Engineering Company		5,987.87
Bill	02/06/2022 2022006	Mark Munn LLC	Fiber Splicing - Iron Horse Lane	1,628.60
Bill	02/06/2022 2022007	Mark Munn LLC	Fiber Splicing -Orange Springs Rd- From 522 to Terry Run Rd	3,431.40
Bill	02/06/2022 2022009	Mark Munn LLC	Fiber Splicing - Isabelle Drive	1,983.00
Bill	02/06/2022 2022010	Mark Munn LLC	Fiber Splicing - Gun Club Rd	2,601.20
Bill Bill	02/06/2022 2022011 02/07/2022 1441	Mark Munn LLC  Ayala Construction, LLC	Fiber Splicing -Wolf Trap Ct  Fiber Installation - Big H Ranch Rd	1,235.60 42,474.80
Bill	02/07/2022 1441	Ayala Construction, LLC	Drop installation	55,840.00
Bill	02/08/2022 1442	Ayala Construction, LLC	Steve - GPS and labeling	1,440.00
Bill	02/08/2022 1443	Ayala Construction, LLC	Fiber Installation - Muster Field Rd	65,606.80
Bill	02/13/2022 2022013	Mark Munn LLC	Fiber Splicing - Miss Mollys Lane	1,070.60
Bill	02/13/2022 2022014	Mark Munn LLC		393.00
Bill	02/13/2022 2022015	Mark Munn LLC	Fiber Splicing - Albano Rd/Fredericksburg Rd - Greene	636.00
Bill	02/13/2022 2022016	Mark Munn LLC	· · · · · · · · · · · · · · · · · · ·	1,258.80
Bill	02/13/2022 2022012	Mark Munn LLC	Fiber Splicing - Pennfields Drive	4,920.00
Bill	02/15/2022 2021-05	SourceOne Corp		143,098.20
Bill	02/17/2022 9033337	Byers Engineering Company		3,676.40
Bill	02/20/2022 2022018	Mark Munn LLC	Fiber Splicing - Greenwood Farms Rd	4,363.40
Bill	02/23/2022 2022019	Mark Munn LLC	Fiber Splicing - Greenwood Farms CT	1,665.00
Bill	02/27/2022 2022020	Mark Munn LLC	Fiber Splicing - Shirley Rd	6,007.20
Bill	02/28/2022 Mountain View Drive	VDOT	Fiber Installation - Fees & Permits	372.00
Bill	02/28/2022 Piedmont Lane	VDOT	Fiber Installation - Fees & Permits	256.00

Bill	02/28/2022 Pine Stake Rd	VDOT	Fiber Installation - Fees & Permits	1,228.00
Bill	02/28/2022 Mallorys Ford Rd	VDOT	Fiber Installation - Fees & Permits	1,285.00
Bill	03/06/2022 2022022	Mark Munn LLC	Fiber Splicing - Black Walnut Run Rd	12,574.56
Bill	03/06/2022 2022021	Mark Munn LLC	Fiber Splicing - Pine Tree Rd	1,674.80
Bill	03/10/2022 1451	Ayala Construction, LLC	Fiber Installation - Daniels Point Drive	31,902.40
Bill	03/10/2022 1446	Ayala Construction, LLC	Drop installation	81,737.00
Bill	03/10/2022 1444	Ayala Construction, LLC	Steve - GPS and labeling	2,880.00
Bill	03/10/2022 1449	Ayala Construction, LLC	Fiber Installation - Boling Lane	15,639.90
Bill	03/10/2022 1448	Ayala Construction, LLC	Fiber Installation - Col Drake Lane	4,424.60
Bill	03/10/2022 1445	Ayala Construction, LLC	Fiber Installation -Muster Field Rd	4,368.00
Bill	03/10/2022 1450	Ayala Construction, LLC	Fiber Installation - Boston Rd	7,975.20
Bill	03/10/2022 1447	Ayala Construction, LLC	Fiber Installation - Bridlewood Drive	16,320.70
Bill	03/11/2022 IN01051843	Walker & Assc		23,074.35
Bill	03/11/2022 IN01051844	Walker & Assc	OTE - 21	25,877.40
Bill	03/11/2022 IN01051844	Walker & Assc	OTE - 17	20,042.30
Bill	03/11/2022 IN01051844	Walker & Assc	OTE - 19	1,775.90
Bill	03/11/2022 IN01051844	Walker & Assc	Fiber Installation - Working Capital	396.43
Bill	03/13/2022 2022026	Mark Munn LLC	Splicing - OTE in Handhole 629-21	599.60
Bill	03/13/2022 2022025	Mark Munn LLC	Fiber Splicing -Lahor Rd-From Marquis Rd to 522	1,871.60
Bill	03/13/2022 2022024	Mark Munn LLC	Fiber Splicing - Janes Lane	1,553.60
Bill	03/13/2022 2022023	Mark Munn LLC	Splicing additional MST that we need to add in Handhole 617-20 on Everona Rd	453.40
Bill	03/14/2022 291739	Utilicom Supply Associates	3" PVC 10' lengths	5,365.00
Bill	03/17/2022 9036512	Byers Engineering Company		10,725.00
Bill	03/20/2022 2022027	Mark Munn LLC	Splicing - OTE in Handhole 687-09	599.60
Bill	03/20/2022 2022028	Mark Munn LLC	Splicing - MST in Handhole on Deertrail in off of Everona Rd	888.60
Bill	03/30/2022 Thomhill Rd	VDOT	Fiber Installation - Fees & Permits	547.00
Bill	03/30/2022 Old Summerset Rd	VDOT	Fiber Installation - Fees & Permits	220.00
Bill	03/31/2022 Blue Ridge TurnPike	VDOT	Fiber Installation - Fees & Permits	1,192.00
Bill	04/04/2022 True Blue Rd	VDOT	Fiber Installation - Fees & Permits	1,110.00
Bill	04/04/2022 True Blue Road	VDOT	Fiber Installation - Fees & Permits	462.00
Bill	04/12/2022 Gordonsville Library	Battlefield Land Surveying, PLLC		2,500.00
Bill	04/12/2022 IN01055385	Walker & Assc	Fiber Installation - Working Capital	46,252.31
Bill	04/12/2022 IN01055386	Walker & Assc	Fiber Installation - Working Capital	18,921.20
Bill	04/13/2022 Const Hwy to Maudes	VDOT	Fiber Installation - Fees & Permits	1,247.00
Bill	04/13/2022 IN01055560	Walker & Assc	AUC - FTTP - Bond 1800 ADTRAN Subscriber CPE Equipment	27,467.13
Bill	04/14/2022 Zachery Taylor Hwy 1	VDOT	Fiber Installation - Fees & Permits	1,105.00
Bill	04/14/2022 Zachery Taylor Hwy 2	VDOT	Fiber Installation - Fees & Permits	485.00
Bill	04/14/2022 IN01055667	Walker & Assc	OLT Cards (16)	19,526.38
Bill	04/19/2022 Lands End	VDOT	Fiber Installation - Fees & Permits	1,014.00
Bill	04/19/2022 Wildemess Woods Ln	VDOT	Fiber Installation - Fees & Permits	646.00
Bill	04/22/2022 IN01056413	Walker & Assc	Handholes 17/30/24, 24/36/24	10,935.92
Bill	04/22/2022 IN01056412	Walker & Assc	500 NIDS, 40k 12 flat drop	11,811.93
Bill	04/25/2022 1468	Ayala Construction, LLC	Fiber Installation - Hardwick Mountain	57,395.55
Bill	04/25/2022 1469	Ayala Construction, LLC	Fiber Installation - Pine Stake Rd	80,085.90
Bill	04/25/2022 1470	Ayala Construction, LLC	Fiber Installation - Constitution Hwy(33 to Maudes Lane)	76,365.45
Bill	04/25/2022 1471	Ayala Construction, LLC	Fiber Installation - Cedar Hill Rd	43,037.30
Bill	04/25/2022 1472	Ayala Construction, LLC	Fiber Installation - Wood Berry Farm Rd	44,405.40
Bill	04/25/2022 1473	Ayala Construction, LLC	Fiber Install - Comfield Ln	3,537.50
Bill	04/25/2022 1474	Ayala Construction, LLC	Fiber Installation - Logging Rd	1,371.00
Bill	04/25/2022 1475	Ayala Construction, LLC	Fiber Install - Shady Forest Ln	1,119.00
Bill	04/25/2022 1476	Ayala Construction, LLC	Fiber Install - Burrell Dr	3,500.00
Bill	04/25/2022 1477	Ayala Construction, LLC	Fiber Installation - Sierra Way	4,957.50
Bill	04/25/2022 1478	Ayala Construction, LLC	Fiber Install - Babbling Brook Ln	1,506.00
Bill	04/25/2022 1479	Ayala Construction, LLC	Fiber Install - Cinders Ln	2,225.00
Bill	04/25/2022 1480	Ayala Construction, LLC	Fiber Install - Durango Ln	1,552.50
Bill	04/25/2022 1481	Ayala Construction, LLC	Inspector - 6 weeks	2,880.00
Bill	04/25/2022 1482	Ayala Construction, LLC	Drop installation	89,790.00
Bill	04/25/2022 1483	Ayala Construction, LLC	Fiber Install - Bridlewood Ln Rd Crossing	2,352.00
Bill	04/25/2022 1050	Mark Munn LLC		1,200.00
Bill	04/26/2022 1467	Ayala Construction, LLC	Fiber Installation - Mallory's Ford Rd	76,232.40
Bill	04/28/2022 Constitution HWY	VDOT	Fiber Installation - Fees & Permits	277.00
Bill	04/28/2022 Belmont Rd	VDOT	Fiber Installation - Fees & Permits	398.00
Bill	04/28/2022 33 Overbuild	VDOT	Fiber Installation - Fees & Permits	100.00
Bill	04/28/2022 9040421	Byers Engineering Company	Engineering & KMZ file updates	4,940.00
Bill	04/28/2022 9040424	Byers Engineering Company	Engineering & KMZ file updates *	969.99
Bill	04/28/2022 292868	Utilicom Supply Associates	Handhole 24x36x24	27,494.83
Bill	04/28/2022 7295601-01	Power & Tel	Fiber Installation - Working Capital	15,359.25
Bill	04/28/2022 7295602-00	Power & Tel	Fiber Installation - Working Capital	81,815.44

Bill	04/29/2022 IN01057388	Walker & Assc	Orange vault Marker Poles	4,062.00
Bill	04/29/2022 IN01057388	Walker & Assc	Fiber Installation - Working Capital	207.50
Bill	05/01/2022 2022050	Mark Munn LLC	Splicing - Rigid Products Plant	1,343.60
Bill	05/02/2022 IN01056603	Walker & Assc	Fiber Drop Cables	42.50
Bill	05/03/2022 0360699-IN	Georgia Underground Supply	Handholes 24 x 36 x 18	45,297.97
Bill	05/06/2022 Terrys Run Road	VDOT	Fiber Installation - Fees & Permits	516.00
Bill	05/06/2022 IN01057970	Walker & Assc	Orange vault Marker Poles, Flower Pot 16"	5,469.88
Bill	05/08/2022 2022052	Mark Munn LLC	Splicing Wisdom Tree Lane	992.60
Bill	05/08/2022 2022053	Mark Munn LLC	Splicing - Sierra Way	1,235.60
Bill	05/08/2022 2022054	Mark Munn LLC	Splicing - Add OTE in Handhole 1055-001 Rapidan Run St	599.60
Bill	05/08/2022 2022055	Mark Munn LLC	Splicing Piney Woods Rd	1,719.40
Bill	05/08/2022 1495	Ayala Construction, LLC	Steve - GPS and labeling	1,920.00
Bill	05/08/2022 1494	Ayala Construction, LLC	Drop installation	62,381.00
Bill	05/08/2022 1493	Ayala Construction, LLC	Fiber Install - 24050 Lahore Rd	1,877.50
Bill	05/08/2022 1492	Ayala Construction, LLC	Fiber Install - Winding Creek Ln	1,990.00
Bill	05/08/2022 1491	Ayala Construction, LLC	Fiber Install - Honah Lee Vineyards	5,393.00
Bill	05/08/2022 1490	Ayala Construction, LLC	Fiber Install - Lands End Drive	80,773.45
Bill	05/08/2022 1489	Ayala Construction, LLC	Fiber Install - Wilderness Woods Ln	18,854.70
Bill	05/08/2022 1488	Ayala Construction, LLC	Fiber Installation - Thomhill Lane	52,891.80
Bill	05/08/2022 1487	Ayala Construction, LLC	Fiber Install - Dog Patch Ln	2,032.50
Bill	05/08/2022 1486	Ayala Construction, LLC	Fiber Installation - Kylies Lane	13,195.95
Bill	05/08/2022 1485	Ayala Construction, LLC	Fiber Installation - Jabo Lane	15,843.90
Bill	05/08/2022 1484	Ayala Construction, LLC	Fiber Installation - True Blue Rd	89,041.85
Bill	05/09/2022 1052	Mark Munn LLC		1,920.00
Bill	05/12/2022 52731	SourceOne Corp	Engineering and Design	6,494.46
Bill	05/12/2022 293211	Utilicom Supply Associates	Couplings 1.25, 1.5 an Copper Grounding rods	7,293.72
Bill	05/15/2022 2022056	Mark Munn LLC	Splicing - Pine Stake Rd	9,144.76
Bill	05/15/2022 2022057	Mark Munn LLC	Fiber Splicing - Kristeen Lane	917.60
Bill	05/15/2022 2022060	Mark Munn LLC	Splicing - Wilderness Library	1,388.80
Bill	05/15/2022 2022061	Mark Munn LLC	Splicing Boling Lane	2,264.60
Bill	05/15/2022 2022062	Mark Munn LLC	Splicing - Logging Rd	599.60
Bill	05/15/2022 2022063	Mark Munn LLC	Splicing - Old Office Rd	19,562.92
Bill	05/16/2022 Clarks Mtn Rd	VDOT	Fiber Installation - Fees & Permits	554.00
Bill	05/17/2022 Transco Road SR 701	VDOT	Fiber Installation - Fees & Permits	238.00
Bill	05/20/2022 Faulconer St	VDOT	Fiber Installation - Fees & Permits	248.00
Bill	05/22/2022 2022067	Mark Munn LLC	Splicing - Musterfield Rd	9,059.56
Bill	05/22/2022 2022068	Mark Munn LLC	Splicing Cooke Lane	1,235.60
Bill	05/23/2022 1510	Ayala Construction, LLC	Drop installation	38,829.75
Bill	05/23/2022 1507	Ayala Construction, LLC	Fiber Install - Constitution Hwy (Scuffletown Rd to Old Somerset Rd)	18,388.80
Bill	05/23/2022 1506	Ayala Construction, LLC	Fiber Installation - Cloverleaf Lane	3,537.50
Bill	05/23/2022 1509	Ayala Construction, LLC	Steve - GPS and labeling	1,920.00
Bill	05/26/2022 9042961	Byers Engineering Company	Engineering & KMZ file updates	3,575.00
Bill	05/27/2022 IN01060013	Walker & Assc	B enclosures, Marker Poles, Handholes	20,988.29
Bill	05/29/2022 2022070	Mark Munn LLC	Splicing- Berrywood Ln	1,235.60
General Journal	05/31/2022 138		286584 Utilicom	-4,360.00
General Journal	05/31/2022 138		21-58438-1 Millennium	-117.53
Bill	05/31/2022 May 2022	Bank of America	Comstar, Newyork cables, Cable & Wireless	3,316.07
Bill	06/05/2022 2022073	Mark Munn LLC	Splicing- Tibbstown Rd	954.00
Bill	06/06/2022 Hawfield Rd (SR 666)	VDOT	Fiber Installation - Fees & Permits	847.00
Bill	06/08/2022 Crescent Point Drive	VDOT	Fiber Installation - Fees & Permits	430.00
Bill	06/10/2022 Drummers Lane	VDOT	Fiber Installation - Fees & Permits	266.00
Bill	06/10/2022 Old Dickerson Rd	VDOT	Fiber Installation - Fees & Permits	380.00
Bill	06/10/2022 Days Bridge Rd	VDOT	Fiber Installation - Fees & Permits	812.00
Bill	06/10/2022 Orange Springs Rd	VDOT	Fiber Installation - Fees & Permits	830.00
Bill	08/12/2022 2022074	Mark Munn LLC	Splicing Big H Ranch Rd	4,650.40
Bill	06/13/2022 52966	SourceOne Corp	Engineering and Design	15,918.00
Bill	06/13/2022 1515	Ayala Construction, LLC	Drop installation	77,472.50
Bill	06/13/2022 1514	Ayala Construction, LLC	Steve - GPS and labeling	2,640.00
Bill	06/14/2022 53250	SourceOne Corp	Engineering and Design	11,913.72
Bill	06/17/2022 Sugar Hollow Road	VDOT	Fiber Installation - Fees & Permits	213.00
Bill	06/17/2022 Sugar Hollow Road 06/17/2022 Orange Springs Rd	VDOT	Fiber Installation - Fees & Permits	819.00
Bill	06/17/2022 Crange Springs Rd 06/17/2022 Castaway Beach Rd	VDOT	Fiber Installation - Fees & Permits	212.00
Bill	06/17/2022 Castaway Beach Rd 06/17/2022 Deerhill Road	VDOT	Fiber Installation - Fees & Permits  Fiber Installation - Fees & Permits	175.00
Bill		Mark Munn LLC	Splicing - Twin Lakes	1,185.00
	06/19/2022 2022081	Mark Munn LLC	Splicing - Twin Lakes Splicing- Old Musterfield Ln	599,60
Bill	06/19/2022 2022078	Byers Engineering Company	Splicing. Old Musterneld Ln  Engineering & KMZ file updates	3,867.50
Bill Bill	06/23/2022 9046116 06/26/2022 2022089	Mark Munn LLC	Splicing- Long Ridge Ln	992.60
Bill	07/07/2022 White Shop Lane	VDOT	Fiber Installation - Fees & Permits	140.00
Oil Oil	ATTACKE AND OLIOP COLO		· · · · · · · · · · · · · · · · · · ·	

Bill	07/14/2022 Arrow Point	VDOT	Fiber Installation - Fees & Permits	712.00
Bill	07/14/2022 Springfield Farm Lan	VDOT	Fiber Installation - Fees & Permits	264.00
Bill	07/14/2022 Dairy Drive	VDOT	Fiber Installation - Fees & Permits	248.00
Bill	07/14/2022 Blue Ridge Rd	VDOT	Fiber Installation - Fees & Permits	339.00
Bill	07/14/2022 Derrick Circle	VDOT	Fiber Installation - Fees & Permits	124.00
Bill	07/14/2022 Edgewood Dr	VDOT	Fiber Installation - Fees & Permits	134.00
Bill	07/14/2022 Oakwood Dr	VDOT	Fiber Installation - Fees & Permits	424.00
Bill	07/14/2022 Hidden Brook Rd	VDOT	Fiber Installation - Fees & Permits	196.00
Bill	07/14/2022 Cedar Lane	VDOT	Fiber Installation - Fees & Permits	176.00
Bill	07/14/2022 Poplar Ct	VDOT	Fiber Installation - Fees & Permits	157.00
Bill	07/21/2022 1520	Ayala Construction, LLC	Fiber Install - Crescent Point Dr. ( Spotsy)	30,779.40
Bill	07/25/2022 Serenity Ct	VDOT	Fiber Installation - Fees & Permits	137.00
Bill	07/25/2022 2022106	Mark Munn LLC	Splicing Cresent point (Spotsy)	4,883.60
Bill	07/26/2022 Chickahominy Ct	VDOT	Fiber Installation - Fees & Permits	200.00
Total 17300	· Working Capital - Bond 2021			2,458,484 01
Bill	05/23/2022 1505	Ayala Construction, LLC	Fiber Install- Waverly Dr	3,310.00
Bill	05/23/2022 1504	Ayala Construction, LLC	Fiber Install- 15416 Shirley Rd	3,132.50
Bill	05/23/2022 1503	Ayala Construction, LLC	Fiber Install- Vine Mountain Vista	2,027.50
Bill	05/23/2022 1502	Ayala Construction, LLC	Fiber Install- Cherry Grove	2,125.25
Bill	05/23/2022 1501	Ayala Construction, LLC	Fiber Install- Old Musterfield Ln	985.50
Bill	05/23/2022 1500	Ayala Construction, LLC	Fiber Install- Berrywood Ln	13,478.40
Bill	05/23/2022 1499	Ayala Construction, LLC	Fiber Install- Long Ridge Ln	2,825.00
Bill	05/23/2022 1498	Ayala Construction, LLC	Fiber Install - Springer Lane	2,255.00
Bill	05/23/2022 1496	Ayala Construction, LLC	Fiber Install- American Color	4,515.00
Bill	05/23/2022 1497	Ayala Construction, LLC	Fiber Install- Rigid Plant	2,688.30
Bill	05/23/2022 1054	Mark Munn LLC		1,440.00
Bill	05/29/2022 2022071	Mark Munn LLC	Splicing - Gornfield Lane	917.60
Bill	05/31/2022 89599	IFiber Optix	Jumper Cables	7,508.72
Bill	06/06/2022 293765	Utilicom Supply Associates	Handholes 24 x 36 x 24	12,071.10
Bill	06/12/2022 2022075	Mark Munn LLC	Splicing - Mallory Ford Rd	7,901.16
Bill	06/13/2022 1511	Ayala Construction, LLC	Fiber Install - Belmont Rd	35,538.75
Bill	06/13/2022 1513	Ayala Construction, LLC	Fiber Install- Zachary Taylor Hwy	103,161.70
Bill	06/13/2022 293949	Utilicom Supply Associates	12 count, 6 Count fiber	16,958.55
Bill	06/16/2022 294047	Utilicom Supply Associates	bolts and nuts	689.64
Bill	06/19/2022 2022084	Mark Munn LLC	Splicing- Springer Ln	525.40
Bill	06/19/2022 2022080	Mark Munn LLC	Splicing- Burrell Drive	917.60
Bill	06/19/2022 2022079	Mark Munn LLC	Splicing- Thomas Byrd Lane	599.60
Bill	07/21/2022 1534	Ayala Construction, LLC	Fiber Install- Zachary Taylor Hwy	14,362.95
				239,935 22
				\$3,891,058



#### COUNTY ADMINISTRATOR'S OFFICE P. O. BOX 111 ORANGE, VIRGINIA 22960

#### **EXTRACT FROM THE MINUTES**

At a Regular Meeting of the Orange County Board of Supervisors held on Tuesday, May 24, 2022, beginning at 5:00 p.m., in the Meeting Room of the Public Safety Building, 11282 Government Center Drive, Orange, Virginia. Present: R. Mark Johnson, Chairman; James P. Crozier, Vice Chairman; James K. White; Keith F. Marshall; and Lee H. Frame. Also present: Theodore L. Voorhees, County Administrator; Thomas E. Lacheney, County Attorney; and Alyson A. Simpson, Chief Deputy Clerk.

#### RE: FY22 BUDGET AMENDMENTS (SUPPLEMENTALS AND TRANSFERS)

On the motion of Mr. Frame, seconded by Mr. Crozier, which carried by a vote of 5-0, the Board approved the following budget amendments, as presented:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	PREVIOUS BUDGET		BUDGET CHANGE	AMENDED BUDGET
30044002-35650 42160002-48110	Comp Bd Tech. Trust Fnd EDP Equipment	\$ 0.00 0.00	\$	(19,014.00) 19,014.00	\$ (19,014.00) 19,014.00
49310006-47740 C1025	Contribution to FiberLync	1,000,000.00		1,000,000.00	2,000,000.00
30051003-39290	Trans. from COVID-19 Fund	(1,000,000.00)	(	1,000,000.00)	(2,000,000.00)
43551006-45900	Contingency	1,673,867.00	('	1,000,000.00)	673,867.00
49310015-47312	Trans. to Cty. Capital Project	1,000,000.00		1,000,000.00	2,000,000.00
30030006-33500	Donations - Animal Shelter	(33,476.00)		(612.00)	(34,088.00)
43520003-43115	Prof. Serv Emergency Vet	177,487.00		612.00	178,099.00
TOTALS	- , ,	\$ 2,817,878.00	\$	0.00	\$ 2,817,878.00

I, the undersigned, being the duly appointed Chief Deputy Clerk to the Board of Supervisors of Orange County, Virginia, do hereby certify the foregoing extract of minutes of a Regular Meeting of said Board held on the 24<sup>th</sup> day of May, 2022, with the original thereof on file in the Office of the County Administrator.

Alyson A. Simpson Chief Deputy Clerk

#### ORANGE COUNTY, VIRGINIA

#### BOARD OF SUPERVISORS

R. MARK JOHNSON, DISTRICT ONE JAMES K. WHITE, DISTRICT TWO KEITH F. MARSHALL, DISTRICT THREE JAMES P. CROZIER, DISTRICT FOUR LEE H. FRAME, DISTRICT FIVE

THEODORE L. VOORHEES COUNTY ADMINISTRATOR

**PHONE:** (540) 672-3313 **FAX:** (540) 672-1679



MAILING ADDRESS: P. O. BOX 111 ORANGE, VA 22960

PHYSICAL ADDRESS: R. LINDSAY GORDON III BUILDING 112 WEST MAIN STREET ORANGE, VIRGINIA 22960

orangecountyva.gov

MOTION: FRAME

SECOND: WHITE

June 22, 2021 Regular Meeting Res. No. 210622 – 4D

RE: RESOLUTION TO RESOLVE AND RECLASSIFY THE LINE OF CREDIT

EXTENDED TO THE ORANGE COUNTY BROADBAND AUTHORITY

WHEREAS, on January 27, 2021, the Board of Supervisors ("Board") and the Orange County Broadband Authority ("Authority") entered into an agreement in which the Board extended to the Authority a line of credit of \$2,000,000 (two million dollars) (the "Line of Credit") to finance the installation and maintenance of broadband infrastructure throughout Orange County, and for other purposes consistent with the Virginia Wireless Services Authorities Act (Va. Code §15.2-5431.1 et seq.) that benefit Orange County and its citizens; and

WHEREAS, Coronavirus State and Local Fiscal Recovery Funds may be used to make necessary investments in broadband when such projects were planned or started prior to March 3, 2021; and

**WHEREAS**, the funds expended by the Broadband Authority were consistent with the above-described purposes under the American Rescue Plan Act (ARPA);

**NOW, THEREFORE, BE IT RESOLVED,** on this 22<sup>nd</sup> day of June, 2021, that the Orange County Board of Supervisors hereby resolves the balance of the Line of Credit (\$2,000,000) and forgives any accrued interest on the Line of Credit as of July 1, 2021, by reclassifying the receivable balance (\$2,000,000) as a contribution from ARPA proceeds that were appropriated as part of the Fiscal Year 2022 Adopted Budget, representing a reimbursement for broadband construction expenses incurred after March 3, 2021.

Votes:

Johnson: Aye White: Aye Marshall: Aye Crozier: Aye Frame: Aye

For Information: Thomas E. Lacheney, County Attorney

Glenda E. Bradley, Assistant County Administrator

for Management Services

CERTIFIED COPY

Clerk to the Board of Supervisors

Page 1 of 1 Res. No. 210622 – 4D



#### **ATTACHMENT 11-PRIOR EXPENDED MATCH TABLE\***

Expense	Source:	Amount:	Brief	How relates to
Incurred By:			Description:	VATI project?
Orange County	Covid/ARPA	\$4,000,000	Fiber	Built fiber routes
			Construction,	that will be used
			Labor, Materials,	to connect
			Permits	proposed VATI
				routes to
				FiberLync
				network
FiberLync	VRA Revenue	\$3,891,058	Fiber	Built fiber routes
	Bonds		Construction,	that will be used
			Labor, Materials,	to connect
			Permits	proposed VATI
				routes to
				FiberLync
				network

<sup>\*</sup>In total Orange County and FiberLync have expended \$13,978,908 in ARPA and VRA Bond funds since June 2, 2021

#### **ATTACHMENT 12 – DERIVATION OF COSTS**

MATERIALS	UNIT OF MEASURE	UNITS	UNIT COSTS	PROJECT COST
Conduit 1 ½ inch	feet	325,248	\$1.0200	\$331,753
Fiber 48 Count	feet	153,120	\$0.3907	\$59,824
Fiber 24 Count	feet	168,960	\$0.4714	\$79.648
Fiber 6 Count	feet	142,560	\$0.2464	\$35,127
Handholes	count	407	\$427.85	\$173,947
POTS	count	285	\$32.00	\$9,124
OTE's	count	203	\$265.45	\$53,961
Total Materials				\$743,383
LABOR	UNIT OF MEASURE	UNITS	UNIT COSTS	PROJECT COST
Trenching/Plowing	feet	388,450	\$4.20	\$1,421,482
Pull Fiber thru Duct	feet	388,450	\$0.75	\$253,836
Direct Bury Fiber	feet	142,560	\$1.92	\$273,715
Boring	feet	16,925	\$9.60	\$162,455
Placing Handholes	count	407	\$275	\$111,804
Splicing	count	203	\$500	\$101,640
Total Labor				\$2,324,932
TOTAL PROJECT				\$3,068,315



Please Remit To:

Walker and Associates Inc.

Dept 720078 PO Box 1335

Charlotte, NC 28201-1335

USA

Sold To:

ORANGE COUNTY BROADBAND AUTHORITY

323 NORTH MADISON RD

SUITE C

ORANGE VA 22960

USA

Invoice # IN01056413

Invoice Date:

April 22, 2022 W0134891

Customer Number: Order Number:

S010745929

PO Number: Reference #:

Original Invoice:

IN01056413

3248

Prior Adjustment:

Payment Terms:

Net 30

Due Date:

May 22, 2022

TOTAL DUE: \$10,935.92

LINE NO	PART NO.	WAREHOUSE	QTY	PRICE	EXTENDED PRICE
1	Walker/Mfg Part #: BULKU1730240062333  Description: BULK 17X30X24 DEPTH SHIELD COV	NC	16	\$325.00EA	\$5,200.00
2	Walker/Mfg Part #: BULKU2436240062333  Description: BULK 24X36X24 SINGLE PSHIELD C	NC	12	\$450.00EA	\$5,400.00

Shipped To:

ORANGE COUNTY BROADBAND 315 WAUGH BLVD ORANGE, VA 22960

TRACKING NO 609579132

CARRIER CNWY SERVICE TYPE LTL

**Bill Notes:** 

3248

Attn Ashley Bosford 540-360-0585

For billing inquiries contact: Linda Hurak linda.hurak@walkerfirst.com

or call: 800-472-1746

Subtotal: \$10,600.00

Orange County Tax 1%: \$0.00 Shipping and Handling: \$335.92 Virginia State Tax 4.3%: \$0.00

TOTAL DUE: \$10,935.92



Invoice # IN01065576

Invoice Date:

July 21, 2022 W0134891

Customer Number: Order Number: PO Number:

S010750265 BS07012022

Reference #:

Original Invoice:

IN01065576

Prior Adjustment:

Payment Terms: No

Net 30

Due Date:

August 20, 2022

Sold To:

Charlotte, NC 28201-1335

Walker and Associates Inc.

Please Remit To:

Dept 720078

PO Box 1335

USA

ORANGE COUNTY BROADBAND AUTHORITY

323 NORTH MADISON RD

SUITE C

ORANGE VA 22960

USA

TOTAL DUE: \$25,517.85

<u>LINE NO</u>	PART NO.	WAREHOUSE	QTY	PRICE	EXTENDED PRICE
1	Walker/Mfg Part #: OTE-08MH-14-07TG03  Description: 4 DROP PORT MINI-OTE HARDENED	NC	53	\$240.75EA	\$12,759.75
2	Walker/Mfg Part #: OTE-08MH-14-110G03  Description: 4 DROP PORT MINI OTE HARDENED	NC	2	\$265.45EA	\$530.90
3	Walker/Mfg Part #: OTE-08MH-14-130G03  Description: 4 DROP PORT MINI OTE HARDENED	NC	43	\$265.45EA	\$11,414.3
4	Walker/Mfg Part #: OTE-08MH-14-150G03  Description: 4 DROP PORT MINI OTE HARDENED	NC	2	\$265.45EA	\$530.96

Shipped To:

ORANGE COUNTY BROADBAND 315 WAUGH BLVD ORANGE, VA 22960

> TRACKING NO 609716343

CARRIER CNWY SERVICE TYPE LTL

**Bill Notes:** 

BS07012022

Attn Brandon Searcy

For billing inquiries contact: Logan Kepley logan.kepley@walkerfirst.com or call: 800-472-1746 Subtotal: \$25,235.90
Orange County Tax 1%: \$0.00
Shipping and Handling: \$281.95

Virginia State Tax 4.3%: \$0.00

TOTAL DUE: \$25,517.85



# Walker Quote# WB-0001398464

Quote Date: 2022-08-15

Quote Expires: 2022-08-20

Quote Name: 6/24/48 fiber

## Contact Information

Requested By: Ashley Bosford	Phone:	540.360.0585	Fax:		Сотрапу:	ORANGE COUNTY BROADBAND AUTHORITY
Submitted By: Matthew Cooney	Phone:	336-731-5383	Fax:	800-822-1058	Email:	matthew.cooney@walkerfirst.com

	Part Number	Alias	MON	UOM Contract ID	Available	Qty	Oty Unit Price	Ext Total
<del></del>	* 8107298/DB		EA			_	0.3907	0.3907
	Manufacturer Part Number: D-024-LA-8W-F12NS	D-024-LA-8W-F12NS						
	Manufacturer: Commscope Fiber	Fiber						
	Item Description: 24F SNG	Item Description: 24F SNGL JKT/ARMR GEL-FREE SM OUTDR STRNDED LOOSE TB CBL	OUTDR	STRNDED LOOSE TB CBL				
2.	* 8107300/DB		EA			-	0.4714	0.4714
	Manufacturer Part Number: D-048-LA-8W-F12NS	D-048-LA-8W-F12NS						
	Manufacturer: Commscope Fiber	Fiber						
	Item Description: 48F SNG	Item Description: 48F SNGL JKT/ARMR GEL-FREE SM OUTDR STRNDED LOOSE TB CBL	OUTDR	STRNDED LOOSE TB CBL				

Manufacturer Part Number: O-006-DF-HY-F06NS/8W006/1X24AWG

\* 8108200/DB

3

Manufacturer: Commscope Fiber

Item Description: HYBRID FIBER +TONE WIRE FLATDRPCBL 6 FIBER ARID CORE CNTRL L

Quote Total:

0.2464

0.2464

**3-4 WEEKS** 

\*\*Minimum Order Fee of \$20,0000 will be waived\*\*

# Standard Terms & Conditions apply which are available upon request and at www.walkerfirst.com.

### These include:

- ALL Parts marked with an asterisk (\*) are NON CANCELABLE and NON RETURNABLE.
- Minimum order size \$500,00.
- Should Walker and Assoc Inc choose to accept an order under the minimum order size, a \$20.00 minimum order fee will be applied to the order.
- Credit card orders are subject to a 3% processing fee
- If Fiber Reel Lengths are specified other than current inventoried lengths, which require Walker to cut to length, a \$275 Cut Fee will be applied per cut.
  - Subject to credit approval, payment terms are net 30 days.
- Appropriate state sales tax will be added unless Walker is provided a Sales Tax Certificate prior to shipment.
  - Shipping Charge is "Prepaid by Shipper Add to Bill".
- All shipments in the state of WA will be billed a Business Occupation fee.
  - Items are subject to Vendor expedite fees.
- Availability of products provided by Seller, verbal or written, are approximate and subject to change. Information is based on current inventory and estimations of time periods required to obtain ordered goods from the manufacturer.

# \*New Special Notes added to All Quotes\*

5-day quote period. This quote is valid for 5 business days unless extended in writing from Seller upon expiration. This quote/proposal does not reflect any potential adverse impacts to include but not limited to; pricing increases for materials or delivery schedules resulting from the pandemic on Seller's performance or obligations herein. Seller reserves the right to make any adjustments on pricing or delivery schedules to offset the effects of adverse impacts imposed by the supply chain without fault or penalty of any kind.

Surcharges and tariffs. Any surcharges or tariffs imposed on Seller by a supplier or manufacturer will be added to the Buyer's order price at the time of shipment.

Buyer agrees to pay the overage charges applied to Walker's invoices. In the event a cable or fiber reel exceeds 4% of footage ordered, Walker will request a revised purchase order from Buyer. Purchases of Fiber Cable. Seller reserves the right to ship and invoice up to 4% overage in footage per reel of cable or fiber purchased by Buyer. By ordering cable or fiber reels from Walker,

# © Walker and Associates, Inc

#### INVOICE

DATE

June 13, 2022

INVOICE NO

1511

**Ayala Construction LLC** 

6513 S ROXBURY MILL RD SPOTSYLVANIA, VA

(540) 295-8858

AyalaConstructionLLC@Gmail.com

FIBERLYNC 323 N MADISON RD ORANGE, VA 22960

JOSE AYALA

CONTRACT/PO

Belmont Rd

CCT-00-20OCBA Net 30

PO# 3321

QUANTITY	DESCRIPTION	UNIT PRICE	LINE TOTAL

5,450'	Plow In Duct	4.20 FT	22,890.00
495'	Bore and Pullback Duct	9.60 FT	4,752.00
9	Place 24x36x24 Handhole	275.00	2,475.00
9	Place Ground Rod	25.00	225.00
9	Place Marker Post	25.00	225.00
6,629'	Pull In Fiber Thru Duct	.75 FT	4,971.75

Subtotal \$35,538.75
Sales Tax
Total \$35,538.75

#### INVOICE

DATE

May 8, 2022

INVOICE NO 1488

**Ayala Construction LLC** 

6513 S ROXBURY MILL RD SPOTSYLVANIA, VA (540) 295-8858

AyalaConstructionLLC@Gmail.com

**INVOICE TO FIBERLYNC** 323 N MADISON RD ORANGE, VA 22960

> JOSE AYALA CONTRACT/PO PAYMENT TERMS **DUE DATE** Thornhill Rd CCT-00-200CBA Net 30 PO# 3227

QUANTITY	DESCRIPTION	UNIT PRICE	LINE TOTAL
9,720'	Pull 24 Fiber in 2" Duct	.75 Ft	7,290.00
675'	Bore and Pull Back 2" Duct	9.60 Ft	6,480.00
8,209'	Plow In 2" Duct	4.20 Ft	34,477.80
11	Place 24"x36"x24" Handhole	275.00	3,025.00
11	Place Ground Rod	25.00	275.00
4	Road Crossings @ 35' (140')	9.60 Ft	1,344.00
		Subtotal Sales Tax	\$52,891.80
		Total	\$52,891.80

#### **INVOICE 2021174**

#### Mark Munn LLC

17092 Lakemont Drive Culpeper, VA 22701 540 219-9409 | cablesplicer540@gmail.com

BILL TO

Orange County Broadband Authority Work Date: 11/8/21 to 11/12/21

Invoice Date: 11/14/21

Details	Quantity	Unit Price	•	Total	
Place OTE		4	300	0	1200
ReEnter Enclosure		4	150	0	600
Place B Enclosure		5	150	0	750
Add Fiber		5	3(	0	150
Splice Fiber (1-12)		3	46	0	120
Splice Fiber (13-24)		44	2	5	3600
Place Patch Panel		1	150	0	150
			SUBTOTAL	\$6,570.00	
			TOTAL	\$6,570.00	

Fiberoptic Splicing

This invoice is for all work completed to splice overbuild along Rt 20 between Public Safety and the intersection of Rt 20 and Rt 15. This includes splicing fibers to the BlueBell building, Volunteer Fire Dept and 4 OTEs along that route. This also includes splicing in the new fiber at SkyDive Orange

Please ACH Deposit to:
Mark Munn LLC
17092 Lakemont Dr
Culpeper, VA 22701

#### **INVOICE #2021152**

#### Mark Munn LLC

17092 Lakemont Drive Culpeper, VA 22701 540 219-9409 | cablesplicer540@gmail.com

#### **BILL TO**

Orange County Broadband Authority

Work Date: 9/27/21 Invoice Date: 10/3/21 Fiberoptic Splicing

Details	Quantity	Unit Price	Total	
OTE		2	300	600
RE-Enter		2	150	300
Add Fiber		2	30	60
Splice Fiber (1-12)		4	40	160
			SUBTOTAL \$1,120.00	
			TOTAL \$1,120.00	

This invoice is for all work completed to splice in the OTEs on Llama Ln and Glendale Ln

Please ACH Deposit to:
Mark Munn LLC
17092 Lakemont Dr
Culpeper, VA 22701

#### SENATE OF VIRGINIA

BRYCE E. REEVES

17TH SENATORIAL DISTRICT
ALL OF ORANGE COUNTY; ALL OF THE
CITY OF FREDERICKSBURG; AND PART OF
ALBEMARLE, CULPEER, LOUISEA,
AND SPOTSYLVANIA COUNTIES,
POST OFFICE BOX 7021
FREDERICKSBURG, VIRGINIA 22604



COMMITTEE ASSIGNMENTS: REHABILITATION AND SOCIAL SERVICES, CHAIR COURTS OF JUSTICE GENERAL LAWS AND TECHNOLOGY PRIVILEGES AND ELECTIONS

Tamarah Holmes, Ph.D.
Director
Virginia Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

Dear Dr. Holmes,

I am writing to voice my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding would allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County, and would help provide internet to approximately 700 families within Orange Co. This, I'm sure, would have a monumental positive impact on the quality of life of these households.

It is my understanding that the goal of VATI is to create well-informed, competitive communities throughout the Commonwealth by preparing those communities to capitalize on telecommunications infrastructure. This project is essential to the residents of my district as it would provide increased access to affordable healthcare via telemedicine, refine the availability of educational opportunities for students in the area, and encourage up-and-coming entrepreneurs and business owners to advertise themselves and utilize the new tools available to them.

The internet has quickly become a vital resource for many of my constituents. The lack of internet accessibility in certain rural areas can be a major barrier for students, young professionals, and established local businesses looking to modernize themselves. This grant could very well be lifechanging for families within my Senate district, and would take our Commonwealth one step closer to having accessible internet for all.

Yours in service,

Bryce E. Reeves

Senator

17th Senatorial District, Virginia

### Congress of the United States House of Representatives

August 17, 2022

Dear Dr. Holmes,

I am writing to request you provide full and fair consideration of the application submitted by FiberLync, a fiber optic internet service provider owned and operated by the Orange County Broadband Authority, for the Virginia Telecommunication Initiative funding opportunity as awarded by the Virginia Department of Housing and Community Development.

As I understand it, the purpose of this program 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.

If awarded, FiberLync intends to use funds for installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County, Virginia. Specifically, FiberLync states the project area consists of approximately 88.5 miles of fiber build where roughly 700 currently unserved homes will gain access to fiber broadband service. To date, FiberLync has constructed 316 miles of fiber, reaching unserved areas of Orange County and surrounding counties.

Furthermore, FiberLync believes this project is essential to the community because it will provide needed access to healthcare via telemedicine, increased educational opportunities through distance learning, and opportunities for work-at-home employees, and will also encourage an entrepreneurial economy where existing and start-up home-based and small businesses can compete globally.

Expanding high-speed broadband access has been a key priority of mine while serving in Congress. I thank you for your time and attention to this grant application, as well as your service to the constituents of Virginia's Seventh District, as we work to close the digital divide across the Commonwealth.

Kind Regards,

Abigail Spanberger Member of Congress

Strijen & Ofrenkerze



MAIL: PO Box 111, Orange, VA 22960 | PHONE: (540) 672-3313

PHYSICAL: 112 West Main Street, Orange, VA 22960

August 22, 2022

Tamarah Holmes, Ph.D.
Director
Virginia Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 – Orange County and FiberLync

Dear Dr. Holmes,

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

As I understand it, the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community by providing access to healthcare via telemedicine, increased educational opportunities through distance learning, provide opportunity for work at home employees, and encouraging entrepreneurial economy where existing and start-up home-based and small business can compete globally.

Orange County has committed more local funding to this effort than any other county in the Commonwealth, yet we have received very little support from the Commonwealth. Please consider the fairness of this circumstance when evaluating applications for this round.

Sincerely,

Theodore L. Voorhees, ICMA-CM, MPA

County Administrator



Office of the Town Manager

Post Office Box 276 112 South Main Street Gordonsville, Virginia 22942 Phone: (540) 832-2233; Fax: (540) 832-2449 E-mail: dkendal@gordonsville.org

August 22, 2022

Tamarah Holmes, Ph.D.
Director
Virginia Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 - Orange County and FiberLync

Dear Dr. Holmes:

I am writing on behalf of the Town of Gordonsville to convey our support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. Thus far, FiberLync has constructed 316 miles of fiber to reach the unserved areas of Orange County and surrounding counties.

We understand that the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. VATI funding will enable FiberLync to continue its expansion of broadband throughout Orange County, affording its citizens much needed access to internet service.

Gordonsville offers its full support to Orange County's project as it will provide access to healthcare via telemedicine, increased educational opportunities through distance learning, opportunities for work-at-home employees, and encourage entrepreneurial economy where existing and start-up home-based and small businesses can compete globally.

Lendall

Thank you for your favourable consideration in this regard.

Sincerely,

TOWN OF GORDONSVILLE

Deborah S. Kendall, ICMA-CM, AICP

Town Manager



Tamarah Holmes, Ph.D.
Director
Virginia Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 – Orange County and FiberLync

Dear Dr. Holmes,

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

As I understand it, the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community by providing access to healthcare via telemedicine, increased educational opportunities through distance learning, provide opportunity for work at home employees, and encouraging entrepreneurial economy where existing and start-up home-based and small business can compete globally.

Partnerships between Internet service providers and electric utilities create the opportunity to simultaneously address the critical need to modernize and harden electric infrastructure while making broadband access universally available. REC is proud to be contributing to these important projects and looks forward to continuing our work through these partnerships.

Thank you for your consideration of these important projects.

Sincerely,

Mark Ponton

Mark Ponton

Director of Broadband and Fiber Services

Rappahannock Electric Cooperative



August 18, 2022

Tamarah Holmes, Ph.D.

Director

Virginia Department of Housing and Community Development
600 East Main Street, Suite 300

Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 - Orange County and FiberLync

Dear Dr. Holmes,

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

I understand that the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community; it provides access to healthcare via telemedicine, increases educational opportunities through distance learning, creates opportunity for work from home employees, and encourages an entrepreneurial economy where home-based and small business can compete globally and start-ups have the infrastructure they need to thrive.

Access to reliable internet is critical to student success at Germanna Community College. Expanding broadband access within Orange County will improve outcomes across our student population and enhance our talent pipeline, with more skilled graduates filling high-demand jobs in our region. Beyond increasing access to knowledge for students in Orange County, this partnership will also bolster our community by giving current and future students access to the resources they need to obtain skills and credentials and get to work.

Sincerely,

Dr. Janet Gullickson

President

Germanna Community College

pres Sullickson



August 11, 2022

Tamarah Holmes, Ph.D.
Director
Virginia Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 - Orange County and FiberLync

Dear Dr. Holmes,

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

As I understand it, the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community by providing access to healthcare via telemedicine, enhanced educational platforms through distance learning, and increased opportunities for work-at-home employees. Additionally, this project will help encourage the entrepreneurial economy by affording existing, start-up, home-based, and small businesses the ability compete globally.

Fast and reliable internet is essential for the 21<sup>st</sup> century. As a school leader through COVID, it has become abundantly clear that the most historically underserved students suffered tremendously. This project will help level the playing field and increase opportunity and access for all of our students, regardless of their zip code or family economic status. Therefore, I am eager to provide my full support behind these efforts.

Sincerely,

Daniel P. Hornick, Ed.D.

Superintendent

**Orange County Public Schools** 



Date 08/18/22

Tamarah Holmes, Ph.D. Director Virginia Department of Housing and Community Development 600 East Main Street, Suite 300 Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 – Orange County and FiberLync

Dear Dr. Holmes,

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

As I understand it, the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community by providing access to healthcare via telemedicine, increased educational opportunities through distance learning, provide opportunity for work at home employees, and encouraging entrepreneurial economy where existing and start-up home-based and small business can compete globally.

Reliable High speed connectivity is vital to the educational mission of Orange County Public Schools (OCPS). Increasingly, more educational resources are accessible only through an internet connection. Having every student connected at home as well as at school helps minimize the impact of weather events, and students who are unable to attend for health or other reasons. It would also provide the ability for parents to help reinforce learning at home through access to online resources. OCPS has invested in instructional technology and network connectivity to enhance learning opportunities at school for all students, please help improve at home learning opportunities by supporting this grant application.

Sincerely, Greg Hill Director of Technology

The Orange County School Board does not discriminate on the basis of race, color, creed, religion, national origin, encestry, political afficiation, sex, sexual orientation, gender, gender identify, age, pregnancy, childbirth or related medical conditions, marital status, status as a vataran, genetic information, disability, or any other characteristics protected by law in its employment practices or educational program and activities. Compliance inquiries should be directed to the Director of Human Resources, 200 Dailay Drive, Orange, VA 22960 or by phone at 540-661-4550.





MAIL: PO Box 111, Orange, VA 22960 | PHONE: (540) 672-7044

PHYSICAL: 11282 Government Center Drive, Orange, VA 22960

08/17/2022

Tamarah Holmes, Ph.D. Director Virginia Department of Housing and Community Development 600 East Main Street, Suite 300 Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 – Orange County and FiberLync

Dear Dr. Holmes,

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

As I understand it, the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community by providing access to healthcare via telemedicine, increased educational opportunities through distance learning, provide opportunity for work at home employees, and encouraging entrepreneurial economy where existing and start-up home-based and small business can compete globally.

Social media platforms have become one of the methods in which emergency services is able to notify residents of events happening within the county. During winter storm Frida the county utilized social media as well as phone alerts to notify the community of warming shelters and emergency planning. While 80% of the county was without power and landline capabilities FiberLync was still up and running. With cell towers and landline phones down across the county many residents were able to power their routers using generators to utilize their phones and computers to stay up to date on the response and mitigation functions occurring during the winter storm. Many of the county's underserved areas do not have reliable cell service coverage and commercial fiber companies refuse to build out their infrastructure in these areas resulting in spotty coverage across the county. One of the goals of any Fire and EMS service is to educate and provide crucial information to our community. By providing reliable internet services to the underserved population FiberLync will help us support this goal.

The county also has residents within the 10-mile Emergency Protective zone of North Anna Nuclear Powerplant. The alerting of an emergency at the powerplant will soon include WIA alerts that are received over resident's cell phones advising them to tune in to a radio station and internet-based communications. Having the infrastructure to send people to an internet-based

information source will allow the county to provide more meaningful information in the event of an emergency.

Sincerely,

Nathan K Mort,

Chief/Emergency Manager

County of Orange Fire and EMS

#### **EMERGENCY COMMUNICATIONS**



MAIL: PO Box 42, Orange, VA 22960 PHONE: (540) 661-5433 PHYSICAL: 11282 Government Center Drive, Orange, VA 22960

August 17, 2022

Tamarah Holmes, Ph.D.
Director
Virginia Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 – Orange County and FiberLync

Dear Dr. Holmes,

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

As I understand it, the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community by providing access to healthcare via telemedicine, increased educational opportunities through distance learning, provide opportunity for work at home employees, and encouraging entrepreneurial economy where existing and start-up home-based and small business can compete globally.

The Orange County Emergency Communications Center is a customer of FiberLync. Part of our public safety communications network was built with and by FiberLync. Its robustness has been demonstrated during severe weather and proved vital in providing communications between first responders and citizens to our emergency communications center.

Sincerely,

Chris Cord, CPE

**Emergency Communications Center Director** 



ROSE DEAL DIRECTOR

Phone: (540) 672-1238 Fax: (540) 672-4762

Email: rdeal@orangecountyva.gov

P. O. Box 111 109 West Main Street Orange, Virginia 22960 thinkorangeva.com

August 17, 2022

Tamarah Holmes, Ph.D.
Director
Virginia Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

RE: Virginia Telecommunications Initiative (VATI) 2023 – Orange County and FiberLync

Dear Dr. Holmes,

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

As I understand it, the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community by providing access to healthcare via telemedicine, increased educational opportunities through distance learning, provide opportunity for work at home employees, and encouraging entrepreneurial economy where existing and start-up home-based and small business can compete globally.

Reliable and affordable high-speed internet is fundamental for economic activity and growth. It is a vital tool for industries and small businesses alike to enable efficient, modern communications between markets and customers, both locally and around the world.

Thank you in advance for your favorable consideration of this proposal. Please contact me directly at (540) 672-1238 or rdeal@orangecountyva.gov if you have any questions about our commitment to this project.

Sincerely,

Rose Deal

**Economic Development Director** 



127 Belleview Ave • Orange, VA 22960 540.661.4654 • www.FredGoodwill.org

August 18, 2022

Tamarah Holmes, Ph.D.
Director
Virginia Department of Housing and Community Development
600 East Main Street, Suite 300
Richmond, Virginia 23219

 $\mbox{\it RE:}$  Virginia Telecommunications Initiative (VATI) 2023 – Orange County and FiberLync

Dear Dr. Holmes.

I am writing to convey my support of the application submitted by FiberLync (Orange County Broadband Authority) in partnership with Orange County. This funding will allow installation of a Fiber to the Premise (FTTP) network to provide broadband service in the remaining unserved areas of Orange County. In the project area that consists of approximately 88.5 miles of fiber build, approximately 700 currently unserved homes will have access to fiber broadband service. FiberLync has constructed 316 miles of fiber so far to reach these unserved areas of Orange County and surrounding counties.

As I understand it, the goal of VATI is to create strong, competitive communities throughout the Commonwealth by preparing those communities to build, utilize, and capitalize on telecommunications infrastructure. This project is essential to our community by providing access to healthcare via telemedicine, increased educational opportunities through distance learning, provide opportunity for work at home employees, and encouraging entrepreneurial economy where existing and start-up home-based and small business can compete globally.

As the Center Manager of Virginia Career Works Orange office, I am acutely aware of the impact broadband service has on creating and maintaining employment opportunities and industry expansion to ensure sustainable, healthy communities now and in the future. Our company's mission is to create jobs locally, prepare people to succeed at work, and help them overcome barriers to employment. Post-pandemic, broadband service will be critical to rural Orange County now more than ever. For all these reasons, I urge you to fully fund FiberLync and Orange County's VATI 2023 grant application.

Sincerely,

Jenny Biche, Center Manager VA Career Works – Orange Office

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# Form 477 Filing Summary

FRN: 0030435416 **Data as of:** Dec 31, 2021 Operations: Non-ILEC **Submission Status:**Original - Submitted

Last Updated: Feb 11, 2022 10:54 AM

### Filer Identification

Section	Field	Response
Filer Information	Company Name	Orange County Broadband Authority
	Holding Company Name	Orange County Broadband Authority
	Filing Type	Non-ILEC
	SAC ID	N/A
	499 ID	N/A
Data Contact Information	Data Contact Name	Lewis Foster
	Data Contact Phone Number	(540) 360-0998
	Data Contact E-mail	lfoster@fiberlync.net
Emergency Operations Contact Information	Emergency Operations Name	Lewis Foster
	Emergency Operations Phone Number	(540) 360-0998
	Emergency Operations E-mail	lfoster@fiberlync.net
Certifying Official Contact Information	Certifying Official Name	Lewis Foster
	Certifying Official Phone Number	(540) 360-0998
	Certifying Official E-mail	lfoster@fiberlync.net

### **Data Submitted**

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	FiberLync_Deployment_02112022.csv	Feb 11, 2022 10:51 AM	640
Fixed Broadband Subscription	3-1- 22_Filing_FiberLync_FCC_477_Fixed_Broadband_Subscription_02102022.csv	Feb 11, 2022 09:56 AM	36

# **Fixed Broadband Deployment**

Census Block Counts by State, DBA Name and Technology

State	DBA Name	Technology	Blocks
Virginia	FiberLync	Optical Carrier/Fiber to the End User	640
Total			640

# **Fixed Broadband Subscription**

### Fixed Broadband Subscriptions by State, Technology and End User Type

			Subscriptions		
State	Technology	Census Tracts	Consumer	Business/Govt.	Total
Virginia	Optical Carrier/Fiber to the End User	36	1,829	10	1,839
Total		36	1,829	10	1,839

### Fixed Broadband Subscriptions by Bandwidths and End User Type

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
100.000	50.000	455	0	455
100.000	100.000	1	2	3
500.000	250.000	504	0	504
500.000	500.000	0	4	4
1,024.000	500.000	869	1	870
1,024.000	1,024.000	0	3	3
Total		1,829	10	1,839

# Fixed Broadband Subscriptions by Technology, Bandwidths and End User Type

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
Optical Carrier/Fiber to the End User	100.000	50.000	455	0	455
	100.000	100.000	1	2	3
	500.000	250.000	504	0	504
	500.000	500.000	0	4	4
	1,024.000	500.000	869	1	870
	1,024.000	1,024.000	0	3	3
Total			1,829	10	1,839

# Form 477 Filing Summary

FRN: 0030435416 **Data as of:** Jun 30, 2022 Operations: Non-ILEC **Submission Status:** Original - Submitted Last Updated: Aug 16, 2022 01:46 PM

### Filer Identification

Section	Field	Response
Filer Information	Company Name	Orange County Broadband Authority
	Holding Company Name	Orange County Broadband Authority
	Filing Type	Non-ILEC
	SAC ID	N/A
	499 ID	N/A
Data Contact Information	Data Contact Name	Nick Hamner
	Data Contact Phone Number	(571) 926-3642
	Data Contact E-mail	nhamner@fiberlync.net
Emergency Operations Contact Information	Emergency Operations Name	Nick Hamner
	Emergency Operations Phone Number	(571) 926-3642
	Emergency Operations E-mail	nhamner@fiberlync.net
Certifying Official Contact Information	Certifying Official Name	Jim White
	Certifying Official Phone Number	(540) 360-0585
	Certifying Official E-mail	jwhite@fiberlync.net

### **Data Submitted**

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	fiberlync_June_2022_fbd.csv	Aug 16, 2022 01:30 PM	359
Fixed Broadband Subscription	fiberlync_2020_census_tract_fbs.csv	Aug 16, 2022 01:32 PM	38

# **Fixed Broadband Deployment**

### Census Block Counts by State, DBA Name and Technology

State	DBA Name	Technology	Blocks
Virginia	FiberLync	Optical Carrier/Fiber to the End User	359

Total 359

## **Fixed Broadband Subscription**

### Fixed Broadband Subscriptions by State, Technology and End User Type

			Subscriptions		
State	Technology	Census Tracts	Consumer	Business/Govt.	Total
Virginia	Optical Carrier/Fiber to the End User	38	2,796	17	2,813
Total		38	2,796	17	2,813

### Fixed Broadband Subscriptions by Bandwidths and End User Type

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
100.000	50.000	752	0	752
100.000	100.000	0	3	3
500.000	250.000	784	0	784
500.000	500.000	0	8	8
1,000.000	500.000	1,260	0	1,260
1,000.000	1,000.000	0	6	6
Total		2,796	17	2,813

### Fixed Broadband Subscriptions by Technology, Bandwidths and End User Type

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
Optical Carrier/Fiber to the End User	100.000	50.000	752	0	752
	100.000	100.000	0	3	3
	500.000	250.000	784	0	784
	500.000	500.000	0	8	8
	1,000.000	500.000	1,260	0	1,260
	1,000.000	1,000.000	0	6	6
Total			2,796	17	2,813