County of Floyd Floyd County VATI 2022

**Application ID:** 86509012021120355

Application Status: Pending

Program Name: Virginia Telecommunications Initiative 2022

**Organization Name:** County of Floyd

Organization Address: 120 West Oxford Street

Floyd, VA 24091-2222

Profile Manager Name: Lydeana Martin
Profile Manager Phone: (540) 745-9300

Profile Manager Email: Imartin@floydcova.org

Project Name: Floyd County VATI 2022

Project Contact Name: Lydeana Martin
Project Contact Phone: (540) 745-9300

Project Contact Email: Imartin@floydcova.org

Project Location: PO Box 218

Floyd, VA 24091-2222

Project Service Area: Floyd County

**Total Requested Amount:** \$1,310,267.00 **Required Annual Audit Status:** Accepted

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## **Budget Information:**

Cost/Activity Category	DHCD Request	Other Funding	Total
Telecommunications	\$1,310,267.00	\$1,111,725.00	\$2,421,992.00
Construction	\$1,310,267.00	\$1,111,725.00	\$2,421,992.00
Total:	\$1,310,267.00	\$1,111,725.00	\$2,421,992.00

## **Budget Narrative:**

This budget is fully developed, explained and supported in Attachments 12 and 13. Costs are divided between the two parts of the project--the 3% Unserved areas and the Long Driveways (Special Construction for LMI.) Linear footage calculations were completed by Citizens Telephone engineering department. Material and labor estimates were based on very recent invoices for similar work.

## **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:

The remaining telecommunication needs in Floyd County are two-fold:

- 1) Extending fiber along state roads to the last 3 percent of the County not already planned (and scheduled) to be passed by the end of 2022 by Citizens Telephone Cooperative. These "3 percent areas" are small areas in the farthest corners of Floyd County. In the Meadows of Dan area (includes 3 addresses in Laurel Fork), the roads to be served are Burnette Rd, Danville Pike (1 in Laurel Fork), Fork Mountain Rd, Hoot Owl Hollow Rd, Hosta Lane, Mabry Mill Rd, Sollie Drive (Laurel Fork), Terry Trail and Turnip Patch. In Indian Valley, the roads to be served are Berry Creek and Macks Mountain. In Copper Hill, the roads to be served are Autumn Dr, Daniel Road, and Sugar Run. In Pilot/Riner, the roads to be served are Barker Lane, Dobbins Hollow, Laurel Ridge, and Otey. See Attachment 1 for the "3% Unserved Project Area Map" for these areas.
- 2) Extending fiber down long private driveways for those who are income eligible. Even though about 60% of Floyd County is already passed by fiber along the state roads and another 37% will be by the end of 2022, many households still don't have broadband because they have very long driveways that neither they nor Citizens Telephone Cooperative can afford to cover. Citizens will pay for the first 500 ft, but even that cost takes many years of service to recover, and many households can't afford to pay for the rest of the driveway length. There are over 1,600 households in Floyd County with driveways that are 1,000 ft or longer (out of a total of about 8,100 households). Since the announcement of the new VATI funds, we have been working hard with Citizens' staff and partners to identify income eligible households for the "special construction" assistance. We also surveyed residents with long driveways who lacked service and 309 responded (see Attachment 17 Long Driveway Survey Responses.) We have identified 227 residences (43 include home-based businesses) who are income eligible and interested. Plus by extending to them, due to shared driveways, it will get within the Citizens 500 ft reach of an additional 382 households, many of these are also likely income eligible, but not verified.) See Attachment 1 for the "Eligible Long Driveways Project Area" map.

In total, 723 addresses (all households except 1 major community anchor) would be passed.

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

#### Answer:

We used broadbandmap.fcc.gov to access the latest information from providers (based on 477) and speeds listed as offered at each address. Unfortunately, this information overstates the availability of services. It appears that if a provider serves one address in a Census block, they show up as serving the entire Census block. So for example, the fcc site indicates Citizens Telephone Cooperative provides fiber services (1 Gbps/500 Mbps) to addresses in the 8400-8800 range of Autumn Drive in Copper Hill, but they do not. Similarly Virginia Everywhere (Allpoints) and Fastlink Communications are listed as providing 25/3 and 30/5 services, respectively, via fixed wireless in a few parts of the County; but when technical support was contacted for Allpoints, for example, about the Dobbins Hollow/Otey area in Riner/Pilot, they indicated that actually it appears they can offer only around 10 MB to that area, and that could be further inhibited by trees and hills. So while we are providing here the summary as listed on the FCC site, in #5 below we will adjust those numbers based on Citizens actual offerings at each address and the barriers to the maximum fixed-point wireless offerings (see also Attachment 4). The providers vary somewhat, but excluding satellite the providers area and speeds generally are as follows. Listed providers often just serve parts of the listed area. For address level information, please see Attachment 4. For the 3% areas...number indicate Up/Down MBPS...

- Meadows of Dan area providers are Citizens (2.6/0.768 to 10/1.5; Telephone and Data System (TDS 2/0.064);
   Century Link (from 10/1 to 15/0.75 to 25/2); Fastlink Communications (30/5, though given it's fixed point wireless, with tree cover and topography, this is likely not available at most listed addresses).
- Indian Valley area providers are Citizens (10/1.5); Telephone and Data System (TDS 2/0.064); Virginia Everywhere (15/3 to 25/3, though given it's fixed point wireless, with tree cover and topography, this is likely not available at most listed addresses.)
- Copper Hill area providers are Citizens (10/1 to to 50/10 to 1,000/500, though latter is not actually available at the addresses we've included in our application); Telephone and Data System (TDS 2/0.064); Verizon (3/0.768), Virginia Everywhere (15/3, though given it's fixed point wireless, with tree cover and topography, this is likely not available at most listed addresses.)
- Pilot/Riner area providers are Citizens (1.5/0.768); Telephone and Data System (TDS 2/0.064); Verizon (3/0.768), Virginia Everywhere (25/3, though given it's fixed point wireless, with tree cover and topography, this is likely not available at most listed addresses.)

For the remainder of Floyd County (long driveway and private road fiber drops), the offerings are varied and similar to those above except that Citizens either already has 1,000/500 along state roads in 60% of the County and will cover another 37% by the end of 2022. But these LMI households proposed to be served here cannot afford to connect to the fiber because of their long driveways. In addition to Citizens, Comcast is listed as serving about 9 addresses with 987/35 service and Cox Communications is listed as serving one of the addresses with 1,000/35.

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

### Answer:

The "3% areas" did not receive federal grant funds. But most of Floyd County has been aided by ACAM funds via Citizens Telephone Cooperative. The areas shown as already served, or to be served in 2021 and 2022 are receiving ACAM funds. The areas eligible and receiving ACAM are the entire County except where we did our first VATI grant in Copper Hill and this proposed 3% area. Note that ACAM does not pay for fiber to be extended up driveways. See Attachment 2-Documentation of Federal Funding Area (Map of Floyd County Areas served with ACAMS, plus past and proposed VATI areas.)

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

#### Answer:

None

5. Overlap: To be eligible for VATI, applicants must demonstrate that the proposed project area(s) is unserved. An unserved area is defined as an area with speeds below 25/3 mbps and with less than 25% service overlap within the project area for wireless projects and 10% for wireline projects. Describe any anticipated service overlap with current providers within the project area. Provide a detailed explanation as to how you determined the percentage overlap. Label Attachment: Attachment 4 – Documentation Unserved Area VATI Criteria.

### Answer:

As noted above, we used broadbandmap.fcc.gov to access the latest information on providers and speeds offered at each address. The providers vary somewhat, but excluding satellite the providers are and speeds generally are as follows. For address level information, please see Attachment 4: Documentation Unserved Area VATI Criteria (includes Provider and FCC Listed Speeds by Address plus LMI Info and Analysis of Listed Fixed Wireless Internet Service Providers). There are 8 non-satellite providers that serve some addresses in Floyd County. Of the 723 addresses we propose to serve, according to the FCC data, only the following offer 25/3 or more to some of the addresses we propose to serve with 1,000/500 service:

- Comcast and Cox serve a total of 10 addresses with 987/35 and 1,000/35, respectively.
- Beyond the 3% unserved area (where Citizens offers 10/1 or less), Citizens either does or will soon provide direct fiber 1,000/500 service along state roads, but this still doesn't help those with long driveways who can't afford to pay their part of a driveway build.
- Virginia Everywhere (All Points) offers exactly 25/3 service to 94 addresses according to the general FCC site (see # 3 for why this generally overstates.) Beyond the general overstating by Census block, fixed point wireless is generally problematic in rolling, heavily forested topography like we have. When one looks closely at the tree cover and topography, however, it is highly likely that that number is 19. See Attachment 4 for images of tree cover plus relevant topo maps and interpolations based on those limiting factors.
- Fastlink Communication offers 30/5 service to 59 addresses according to the general FCC site (see # 3 for why this generally overstates.) Beyond the general overstating by Census block, fixed point wireless is generally problematic in rolling, heavily forested topography like we have. When one looks closely at the tree cover and topography, however, it is highly likely that that number is 9. See Attachment 4 for images of tree cover plus relevant topo maps and interpolations based on those limiting factors.

So of the 723 addresses proposed to be passed with fiber (1,000/500) service with our project, about 38 likely have access to at least 25/3 at present (5.4%).

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- 6. Total Passings: Provide the number of total serviceable units in the project area. Applicants are encouraged to prioritize areas lacking 10 Megabits per second download and 1 Megabits per second upload speeds, as they will receive priority in application scoring. For projects with more than one service area, each service area must have delineated passing information. Label Attachment: Attachment 5 Passings Form.
  - a. Of the total number of VATI passings, provide the number of residential, business, non-residential, and community anchors in the proposed project area. (Up to 10 points for businesses and community anchor institutions)
  - b. If applicable, of the total number of RDOF passings, provide the number of residential, business, non-residential, and community anchors in the proposed project area.
  - c. If applicable, provide the number of passings that will require special construction costs, defined as a one-time fee above normal service connection fees required to provide broadband access to a premise. Describe the methodology used for these projections.
  - d. If applicable, provide the number of passings included in the application that will receive broadband access because special construction costs have been budgeted in the VATI application. Describe the methodology used for determining which passings with special construction costs were budgeted in the application.
  - e. Provide the number of passings in the project area that have 10/1 mbps or less. Describe the methodology used for these projections. (up to 15 points)

#### Answer:

**a.**There will be 723 passings, including 722 residential (61 with home-based businesses) and 1 community anchor, which is Mabry Mill--the most frequently photographed historic site on the Blue Ridge Parkway. It includes a restaurant and gift shop operated by a private vendor, in addition to the sites and exhibits by the National Park Service.

## b. No RDOF.

- **c.** There will be 227 passings with Special constructions costs. All of them are residential but 51 also have home-based businesses. We arrived at this number by first calculating the number of driveways or private roads in the County that were 1,000+ ft long and lacking fiber connection. In order to identify the low-to-moderate income households in short order, we did several things:
  - We collaborated with Social Services to help identify some eligible households.
  - We identified houses in the County listed as in Fair or Poor Condition in our land records; and we purchased some demographic data that included income estimates.
  - We surveyed residents This involved sending emails to the 500+ of the 1,600 that Citizens had email addresses for; sending a postcard to every household on the list; and doing follow up calls with those who hadn't responded. Ultimately we go 309 responses (see <a href="Attachment 17">Attachment 17</a> for Long Driveway Survey Responses.) We also did some conservative take estimate (25%) for some eligible households that didn't respond. Not of those who did respond, 94.8% said they would sign up for Citizen's Gigabit service if the grant is awarded.
- d. After extending fiber down the driveways or shared private roads to the 227 that are income eligible, there will then also be another 382 households that are within reach of Citizens free 500 ft fiber drops. So a total of 609 households will be served by this ultimately and at least 51 have home-based businesses.)
- e. There are 379 passings in the project that have 10/1 mpbs or less. One of those is Mabry Mill, a community anchor and business location. The rest are households, though at least 35 of those also have a home-based business. These 379 locations include locations where the FCC page reports that Citizens offers 10/1.5 service, because in reality Citizens can only offer that 1.5 upload with a twisted pair again and that have limited capacity to do that (could only do at a few places—not all.) See Attachment 4.

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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:

N/A

8. Speeds: Describe the internet service offerings, including download and upload speeds, to be provided after completion of the proposed project. Detail whether that speed is based on dedicated or shared bandwidth, and detail the technology that will be used. This description can be illustrated by a map or schematic diagram, as appropriate. List the private co-applicant's tiered price structure for all speed offerings in the proposed project area, including the lowest tiered speed offering at or above 25/3 mbps. (up to 10 points)

#### Answer

Citizens will provide direct fiber to the proposed customers. See # 9 below for network design. All will have 1,000Mbps (1Gbps) Download / 500Mbps (0.5Gbps) Upload plus Wifi. Citizens provides premium services at affordable prices for our community. Residential pricing is based on data tiers:

- 150 GB for \$49.95 per month
- 400GB for \$69.95 (90% of current Citizens' customers use less than this).
- 800GB for \$89.95

Higher tiers are also available. Incremental charge of \$5 per 50 GB will be charged should subscribers go over subscribed monthly usage. Citizens will continue to partner with Floyd County Public Schools and provide reduced broadband fees (\$10/month) through our Student Connect program for students in households with low-to-moderate incomes. They also provide half price rates for low-income adult households.

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9. Network Design: Provide a description of the network system design used to deliver broadband service from the network's primary internet point(s) of presence to end users, including the network components that already exist and the ones that would be added by the proposed project. Provide a detailed explanation of how this information was determined with sources. Provide information on how capacity for scalability, or expansion, of how the network can adapt to future needs. If using a technology with shared bandwidth, describe how the equipment will handle capacity during peak intervals. For wireless projects, provide a propagation map for the proposed project area with a clearly defined legend for scale of map. Label Map: Attachment 6 – Propagation Map Wireless Project.

### Answer:

This is a 100% fiber design. We currently have distribution fiber throughout Floyd County and are constructing more in the next 12 months. The electronics for this project will be served out of one of our existing telecommunications buildings using existing backup power generators on-site.

Having a 100% fiber design offers many benefits over other types of broadband infrastructure: 1) Provides virtually unlimited bandwidth capacity 2) Less susceptible to corrosion or power surges from lightning and other sources, resulting in greater reliability and less service interruptions 3) it is impacted less by distance than other types of broadband service; 4) no RF (Radio Frequency) interference.

The network topology will be PON (Passive Optical Network) with Active Ethernet overlay. We will be using 32:1 ratio on the network (or up to 32 customers per PON) for residential and small office/home office customers. The PON equipment will meet or exceed the G-PON standard with the ultimate goal of deploying or upgrading to a NG-PON2 solution which may happen after the grant is completed. G-PON and NG-PON2 can work on the same fiber; however NG-PON2 (new standard) equipment is currently running 3 to 4 times the price of G-PON equipment. We currently have G-PON deployed in the town of Floyd, VA with the current utilization of 2-4% per PON using a 32:1 ratio.

This project is adjacent to our current Fiber to the Home overbuild in our traditional ILEC (Incumbent Local Exchange Carrier) footprint (predominantly Floyd County). That project is already underway and is being funded by the FCC Alternative Connect America Fund Model (A-CAM) that applies to Rate of Return carriers like ourselves.

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:

Citizens Telephone Cooperative was originally to serve over 90% of the County that they were the original ILAC for with Broadband by 2026, in partnership with ACAM. But they have been working much faster than that and now expect to finish by the end of 2022. The VATI 2018 program allowed them to serve an additional part of the County (much of Copper Hill). And this VATI application would allow them to serve the last 3 %. Perhaps we would be one of the first Counties in Virginia, or at least rural counties, to have universal coverage. See Attachment 2 for Map of Floyd County Fiber Built Out with Timeline and Partners.

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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 must include Memorandums of Understanding (MOUs) or Memorandums of Agreement (MOAs) between applicants (drafts are allowable). Label Attachments: Attachment 7 – Timeline/Project Management Plan; Attachment 8 – MOU/MOA between Applicant/Co-Applicant; (up to 20 points)

#### Answer:

Citizens has identified all households to be served. As soon as grant funds are awarded, Citizens would be able schedule 125 of the long driveways (where fiber is already available along the road) and complete those by the end of June 2022. Their internal Engineering team would begin final engineering and permitting work for the 3% unserved area; design, staking and easements would be completed by end of May 2022. Fiber construction to the 3% unserved area would begin in June 2022 and be complete by the end of October 2022. Once Citizens finishes the rest of its already planned and financed fiber construction (end of December 2022), it will be able to do the remaining qualified customers. Citizens can add these additional areas into the current Fiber to the Home overbuild we are currently working on. Their internal engineering team is very familiar with the planning, design, and permitting required for this project and they would do this work internally for this project. As of September 1, 2021, Citizens is approximately 60% complete on our overbuild project. If awarded grant funds in December, we would immediately be able to schedule construction on 50% of the locations that are in completed areas, resulting in home installation of service within 6-12 weeks. The remaining locations would be scheduled as the main line overbuild is completed in their area. All main line fiber construction will be completed by December 2022, leaving ample time for us to get customers in the final areas completed within 18 months of project start.

## See Attachments: Attachment 7 – Timeline/Project Management Plan; Attachment 8 – MOU/MOA between Applicant/Co -Applicant

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

### Answer:

Yes, we received a 2018 VATI grant. The project work was completely on time (within 12 months of award), but the delayed invoice required us to ask for a several month extension. The project received interim close out approval and the final compliance review is scheduled for October 15, 2021.

13. Matching funds: Complete the funding sources table indicating the cash match and inkind resources from the applicant, co-applicant, and any other partners investing in the proposed project (VATI funding cannot exceed 80 percent of total project cost). In-kind resources include, but are not limited to: grant management, acquisition of rights of way or easements, waiving permit fees, force account labor, etc. Please note that a minimum20% match is required to be eligible for VATI, the private sector provider must provide10% of the required match. If the private co-applicant cash match is below 10% of total project cost, applicants must provide financial details demonstrating appropriate private investment. Label Attachments: Attachment 9 - Funding Sources Table; Attachment 10 – Documentation of Match Funding

## Answer:

Citizens Telephone Cooperative is providing \$1,011,725 in matching funds for this project (42% of project), which includes materials and installation of long drops and customer premise equipment and installation. Floyd County is contributing \$100,000 (4% of project) from our local ARPA funds (only received \$3.1 million and putting much of it toward urgent water and sewer repairs); these local funds will be publicly committed on Tuesday, September 28. Not included in these match numbers are the in-kind match of staff time for project engineering, construction and financial management, and marketing by Citizens and grant administration by Floyd County staff.

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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:

Though it is not included in the budget for this project, Citizens will provide up to 500 ft installation of fiber (drop) to the 382 households that will be serviceable by fiber due to proximity to the eligible (LMI) special construction households—if and when these additional households order the new service. We assume 25% of them will request it within the first few months and be installed during this 18 month project, and up to 75% will ultimately subscribe (within 3 years.) Many of these 382 households are likely also LMI, but we were not able to confirm this during this application period. The value of the estimated 96 installations during the immediate life of this project is at least \$1,300 per household, for a total of at least \$124,800.

The Floyd County EDA also stands ready to help home-based businesses learn to capitalize on the Gigabyte service through their multiple programs including the Floyd C4 Business Development Series and Challenge, the Floyd Growth Wheel program (a peer-to-peer program), the Floyd 5 & 10 Small Business Loan Program, Floyd Grown (technical support for agricultural and forestry-related businesses), the Floyd Innovation Center and very soon the Floyd Growth Center and Building 1 to provide next-stage space and sites for growing businesses. One thread that runs through these programs is the effort to encourage and support entrepreneurship, innovation, and the development and sale of premium products and services, especially online. (see Attachment 11 for a letter of support from the Economic Development Authority of Floyd County Chairman as well as letters of support from residents and small businesses that would be served.)

- 15. Marketing: Describe the broadband adoption plan.
  - a. Explain how you plan to promote customer take rate, including marketing activities, outreach plan, and other actions to reach the identified serviceable units within the project area. Provide the anticipated take rate and describe the basis for the estimate. (up to 10 points)
  - b. Describe any digital literacy efforts to ensure residents and businesses in the proposed project area sufficiently utilize broadband. Please list any partnering organizations for digital literacy, such as the local library or cooperative extension office.

### Answer:

Citizens has been providing and promoting telecommunications services for over 100 years in Floyd County. They are a regional leader in broadband and very involved in the community. If this project is funded, Floyd County will have 100% coverage by Citizens Telephone Cooperative. Currently, Citizens has to have nuanced marketing as different parts of the County have different levels of service, but when this project is completed, it will be ubiquitous, and marketing can be stronger and broader. Citizens uses marketing channels including email, direct mail, billboard, social media (including ad purchases), their community cable channel, and partnerships such as with the Floyd County Public School system. Citizens' advantage is their strong base of knowledge and relationships with customers in prior telecom services. Take rates are expected to be 25% very quickly, then reach 50-75% within 3 years based on the recent rates in other areas of the County with access to fiber already. Note that in the Survey of Long Driveway Residents (309 responses), of those who were income eligible for help (116) 94.8% said they would want to sign up for Citizens Gigabit broadband.

Digital literacy efforts have been a broad community effort, including through public schools which Citizens partnered with in the mid-1990's to extend Internet to every classroom in the County. Today all 5 public schools have fiber service. As noted elsewhere, Citizens also coordinates with the school to provide low-to-moderate income students with broadband for just \$10/month. The Jessie Peterman Memorial Library in Floyd also has fiber connectivity; they have long had a computer lab available for training and public use. The Floyd County Economic Development office also focuses on providing training for the County's many small businesses on social media marketing and e-commerce. By covering the last 3% of the County, this project will serve at least 52 small businesses.

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16. Project Management: Identify key individuals who will be responsible for the management of the project and provide a brief description of their role and responsibilities for the project. Present this information in table format. Provide a brief description of the applicant and co applicant's history and experience with managing grants and constructing broadband communication facilities. Please attach any letters of support from stakeholders. If the applicant is not a locality(s) in which the project will occur, please provide a letter of support from that locality. Attachment 11 – Letters of Support.

#### Answer:

Donna Smith, Chief Operating Officer, will be the Project Manager, overseeing all planning, procurement and construction. Strategic direction and guidance will be provided by Greg Sapp, the CEO and General Manager of Citizens Telephone Cooperative and its subsidiaries (since 2008.) Citizens is already working with firms on related projects so this could be readily added to that work. Engineering will be completed in-house by Citizen's Engineering team lead by Russell Janney. See management plan table in Attachment 7 Timeline and Management Plan. Lydeana Martin (Community and Economic Development Director, MBA, AICP) will lead grant administration and project support for the County along with Chris Bond, Citizen's Chief Financial Officer, and the County's Finance Director (Cindy Ryan, retiring in October 2021). They will request assistance from Linda Millsaps, PhD, County Administrator; Mark Bolt, Building Official, and Tabitha Hodge, Economic Development Operations Manager, as needed. All of this work will be completed by Citizens unless otherwise noted. The co-applicant (Citizens) will perform all work as outlined in the application and follow-on agreement, if the grant is awarded. See Attachment 10 for Letters from Applicant and Co-Applicant which affirm this. Grant administration including review of co-applicant requests for reimbursement, seeking funds, providing disbursement, and preparing related County information for auditors will be managed by County staff (Finance Director, Tabitha Hodge and Lydeana Martin), and overseen by Linda Millsaps, PhD, County Administrator. All decisions on reimbursement will be made by the Grantor (DHCD), and the County will not be responsible for any non-reimbursable expenses by the co-applicant or any contractor.

Floyd County has managed millions of dollars of grants in recent years including a 2018 VATI grant, over \$2 million in state R&D

grants, over \$2 million in construction grants for the Floyd Innovation Center, and more than a dozen smaller

grants for various programs. Citizens has been providing communications services to rural parts of Virginia and since 1914 and serves as the

ILEC (Incumbent Local Exchange Carrier) to approximately 85% of Floyd County. They are a member-owned

cooperative focused on bringing modern communications services to rural areas that are available in urban areas of

the country. Citizens started deploying fiber more than 2 decades ago. By 1995, every classroom in Floyd County (4 elementary schools and one high school) had access to the Internet; for context, here are the founding dates of some household names: Amazon, 1994; Ebay, 1995; Google, 1998; Facebook, 2004. Citizens has managed many millions of dollars in broadband facility grants from both federal and state sources. Citizens has successfully completed many fiber construction projects, including a \$11.5 million federal Broadband Technology Opportunity (BTOP) grant in 2013. Citizens currently offers FTTH (Fiber to the Home) in many areas of Floyd County thanks to ACAM support.

Citizens also provides cable services to several surrounding localities as well. From 2005 until 2013, Citizens partnered with localities and obtained grants to build a regional open access network in rural southwest Virginia. Citizens now operates a 440-mile regional open access fiber network in 10 Virginia that spans 10 counties, 10 towns and 3 cities including 15 industrial parks. Along this network, Citizens

provides wholesale transport and Internet bandwidth to a variety of service providers and provides service to first responders, educational institutions, and to medical facilities. Citizens also partners with other open access networks in Virginia like Mid Atlantic Broadband Cooperative (MBC) to provide high-capacity optical transport services that are necessary to assist in the economic revitalization efforts of Southwest and Southside 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:

Detailed cost estimates are provided in Attachments 12 and 13, and are broken down between the 3% unserved area and the Long-Driveway Area. Estimates are based on recent invoices for similar work, and those invoices are in Attachment 13

- 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:

Total VATI funding request is \$1,310,267 and total serviceable units is 723. The state cost per unit passed would be \$1,812.

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

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

- a. Businesses, community anchors, or other passings in the proposed project area that will have a significant impact on the locality or region because of access to broadband.
- b. Unique partnerships involved in the proposed project. Examples include electric utilities, universities, and federal/state agencies.
- c. Digital equity efforts to ensure low to moderate income households in the proposed project area will have affordable access to speeds at or above 25/3 mbps.

### Answer:

- 1. Mabry Mill is a major community anchor for Floyd County and Virginia. It is one of the most visit and photographed locations along the Blue Ridge Parkway. Currently it lacks broadband, meaning it Parkway staff and the restaurant and gift shop private vendor lack the means of efficient communication, training, etc. And it means that the tens of thousands of visitors each year are les likely to post their videos online, since there is no WiFi. Having Gigabit service at the site would help local businesses including artists and artisans be able to communicate with the private vendor about selling foods and locally-made items in the restaurant and gift shop.
- 2. The three partnerships already alluded to are the Student Connect program wherein Citizens offers local Floyd County Public School students a \$10/month rate if they are income eligible. They do something comparable for LMI workers through Social Services. And the EDA of Floyd County will work closely with Citizens if this project is funded to reach out to home-based businesses who gain Gigabit service and providing entrepreneurial and marketing training and support.
- 3. A huge part of this application is trying to get fiber Gigabit service to 273 LMI households (43 of which have home -based businesses.) Many of the additional 382 households to be served by passings for that work are also thought to be LMI, but we were not able to verify this.

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County of Floyd Floyd County VATI 2022

#### 20. Additional Information

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

Label Additional Attachments as:

- a. Attachment 14 Two most recent Form 477 submitted to the FCC or equivalent
- b. Attachment 15 Point and Polygon shapefiles, in.zip file form, showing proposed passings and project area
- c. Attachment 16 For wireless applicants: shapefiles, in .zip file form, indicating RSSI projections in the application area
- d. Attachment 17 XXXXXXX
- e. Attachment 18 XXXXXXX
- f. Attachment 19 XXXXXXX
- g. Attachment 20 XXXXXXX

#### Answer:

See Attachment 17 for the Survey Summary of Households with Long Driveways

## **Attachments:**

Map(s) of project area, including proposed infrastructure

ATT1ProjectAreaMaps912202191319.pdf

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

ATT2MapofFederalFundingandCountyBuildoutPlan912202191458.pdf

Documentation that proposed project area is unserved based on VATI criteria

ATT4DocumentationofUnservedAreasbyVATICriteria912202191846.pdf

Passings Form (Use template provided)

ATT5PassingsForms912202192033.pdf

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County of Floyd Floyd County VATI 2022

Timeline/Project Management Plan

ATT7TimelineandManagementPlan912202192044.pdf

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

ATT8MOUAgreement912202192056.pdf

Funding Sources Table (Use template provided)

ATT9FundingSourcesTable912202192108.pdf

**Documentation of Match Funding** 

ATT10MatchingFundsDocumentation913202135121.pdf

Letters of Support

ATT11LettersofSupportandNeed913202135139.pdf

Derivation of Cost/Project Budget (Use template provided)

ATT12DerivationofCostsWorksheetfinal912202192221.pdf

**Documentation of Supporting Cost Estimates** 

ATT13CostEstimatedetailandsupport912202192235.pdf

Two most recent Form 477 submitted to the FCC or equivalent

ATT14Twomostrecent477912202192255.pdf

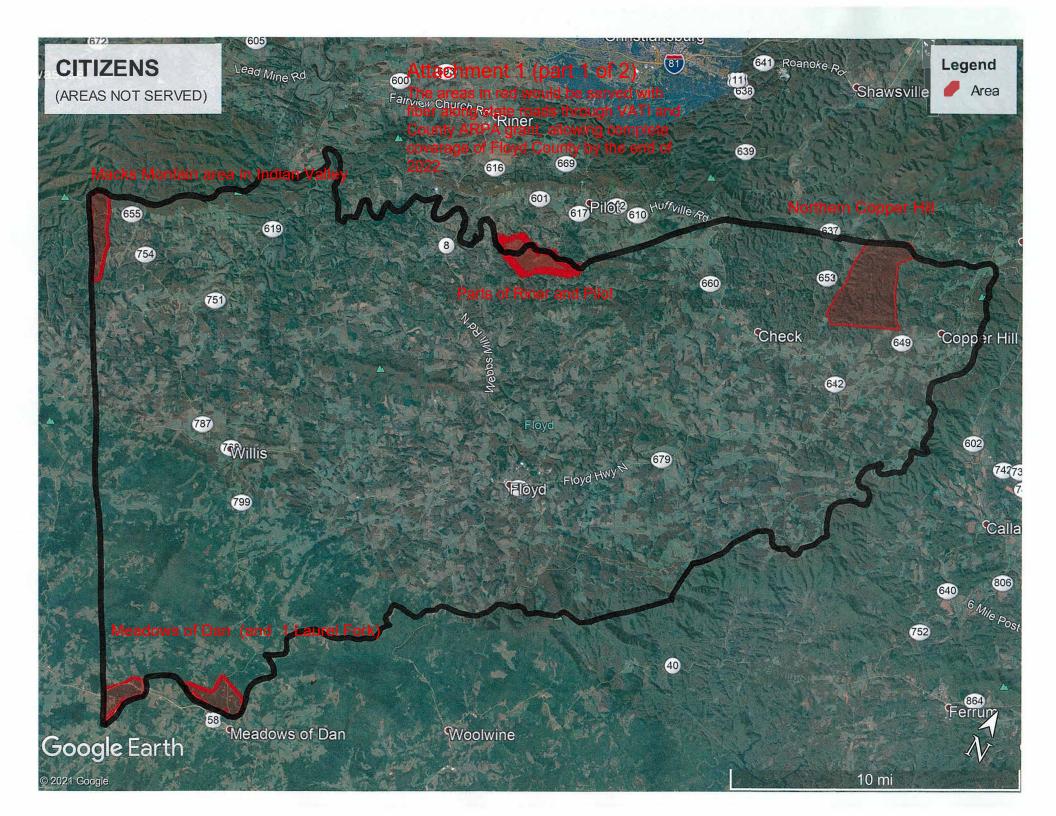
Point and Polygon shapefiles, in.zip file form, showing proposed passings and project area

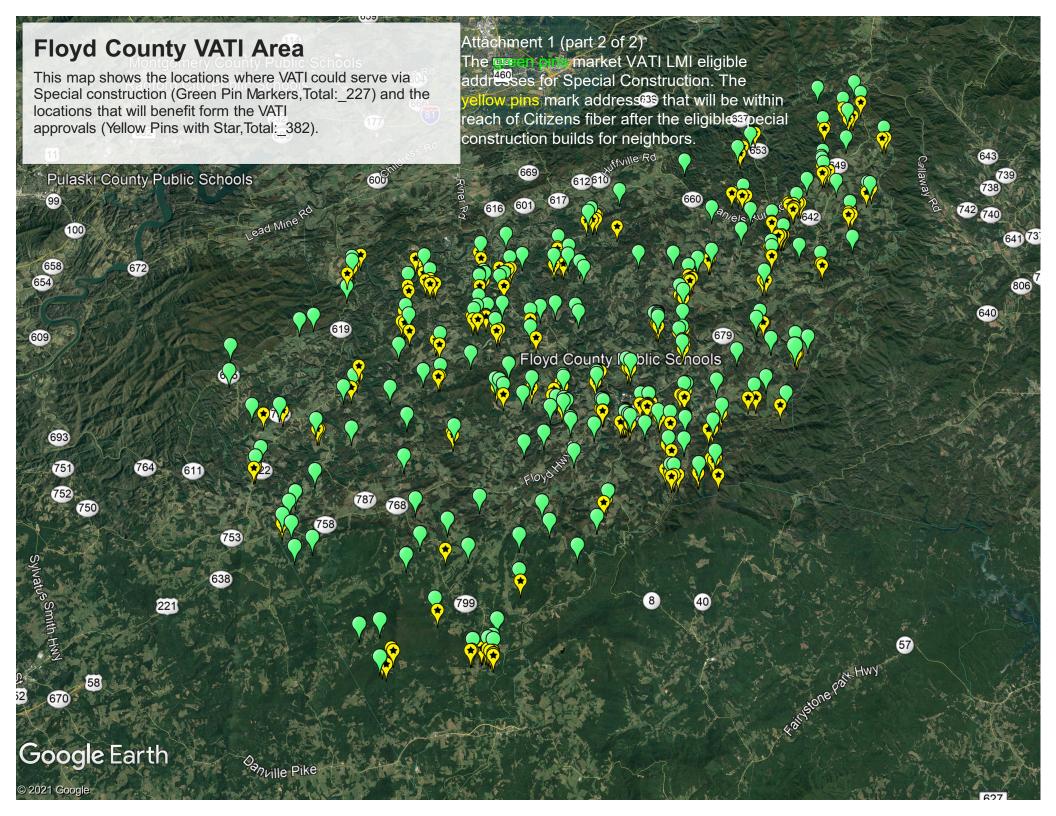
ATT15Zipfileofprojectareaandpassings912202192310.zip

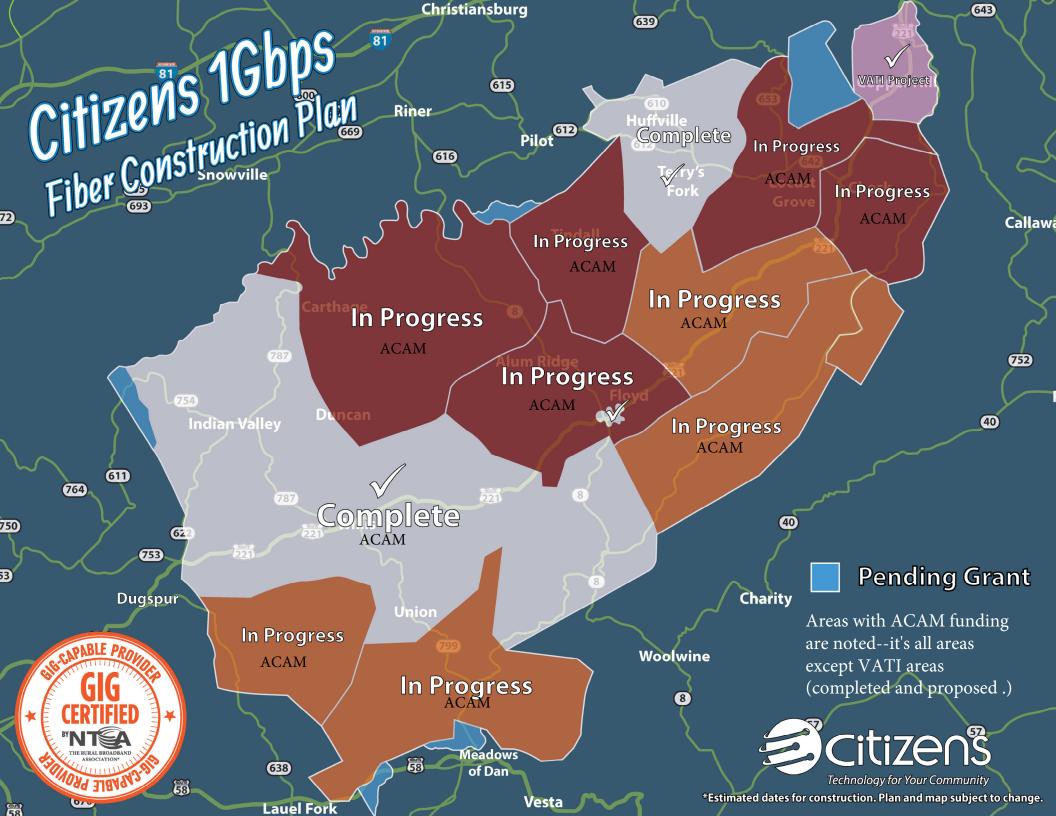
Optional

ATT17LongDrivewaySurveyresponses912202192455.pdf

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### Attachment 4

## **Documentation of Unserved by VATI Criteria**

Attached are 2 documents which demonstrate the Unserved by VATI Criteria. Conclusions are found at the bottom of this summary.

The first is an Address Spreadsheet with each of 723 addresses proposed to be served and many details about it included which providers and speeds are listed on the FCC site (broadbandmap.fcc.gov). The providers and services are listed in columns with gray headings. If it is a fixed point provider (Virginia Everywhere, LLC and Fastlink Communications, Inc.), then the speed shown on the FCC site is listed. Unfortunately, this information overstates the availability of services. It appears that if a provider serves one address in a Census block, they show up as serving the entire Census block. So for example, the FCC site indicates Citizens Telephone Cooperative provides fiber services (1 Gbps/500 Mbps) to addresses in the 8400-8800 range of Autumn Drive in Copper Hill, but they do not. Similarly Virginia Everywhere (Allpoints) and Fastlink Communications are listed as providing 25/3 and 30/5 services, respectively, via fixed wireless in a few parts of the County; but when technical support was contacted for Allpoints, for example, about the Dobbins Hollow/Otey area in Riner/Pilot, they indicated that actually it appears they can offer only around 10 MB to that area, and that could be further inhibited by trees and hills. These limitations are further explored in the Fixed Wireless Analysis described below.

Note that this project will serve 3 categories of eligible addresses:

- The 113 residents and 1 community anchor/business in the 3% unserved area (indicated as "Qual" in Column S) and listed in rows 2-114 and summarized in rows 115-116.
- The 227 households with low-to-moderate income in need of special construction to connect to service (e.g. long driveways.) Listed in rows 117-343; summarized in rows 344-345. This spreadsheet documents our records of LMI (marked "Qual" in Column T or V, which correlate to confidential shared data from a collaborating agency and a household survey response, respectively.)
- Those 382 households who will be passed by virtue of service to the LMI households.
   Shown in rows 346-727 and summarized in 730-734.

The second is an attachment called "Fixed Wireless in Floyd County Project Area." This document analyzes slope and tree cover and the expected limitations on fixed wireless access and speeds, given its requirement for line of site. Addresses that can actual get at least 25/3 service are likely much fewer than those listed on the FCC database.

## Overall, the key findings related are:

There are 8 non-satellite providers that serve some addresses in Floyd County. Of the 723 addresses we propose to serve, according to the FCC data, only the following offer 25/3 or more to some of the addresses we propose to serve with 1,000/500 service:

Comcast and Cox serve a total of 10 addresses with 987/35 and 1,000/35, respectively.

- Beyond the 3% unserved area (where Citizens offers 10/1 or less), Citizens either does or will soon provide direct fiber 1,000/500 service along state roads, but this still doesn't help those with long driveways who can't afford to pay their part of a driveway build.
- Virginia Everywhere (All Points) offers exactly 25/3 service to 94 addresses according to the general FCC site (see # 3 for why this generally overstates.) Beyond the general overstating by Census block, fixed point wireless is generally problematic in rolling, heavily forested topography like we have. When one looks closely at the tree cover and topography, however, it is highly likely that that number is 19. See Attachment 4 for images of tree cover plus relevant topo maps and interpolations based on those limiting factors.
- Fastlink Communication offers 30/5 service to 59 addresses according to the general FCC site (see # 3 for why this generally overstates.) Beyond the general overstating by Census block, fixed point wireless is generally problematic in rolling, heavily forested topography like we have. When one looks closely at the tree cover and topography, however, it is highly likely that that number is 9. See Attachment 4 for images of tree cover plus relevant topo maps and interpolations based on those limiting factors.

So of the 723 addresses proposed to be passed with fiber (1,000/500) service with our project, about 38 likely have access to at least 25/3 at present (5.4%).

Also note that the addresses that do not truly have access greater than 10/1 are shaded reddish-in their rows under the provider column headings in the Address Spreadsheet. That is true despite the fact that the FCC site shows 10/1.5 or more for some from Citizens. Of the 723 we propose to serve, 379 are at or below 10/1.

Addresses in Floyd County to be Served by VATI Grant

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2 QUAL	8471 Autumn	Drive		COPPER HIL	L VA 241	included						PAP QUAL						Υ	Υ		Y	Υ						
3 QUAL	8472 Autumn	Drive		COPPER HIL		included				QUAL								Υ	Υ		Y	Υ						
	8484 Autumn	Drive		COPPER HIL						QUAL								Υ	Υ		Y	Υ						
	8486 Autumn	Drive		COPPER HIL					FAIR 1354				. L	TE MO				Υ	Υ		Y	Υ						
	8679 Autumn	Drive		COPPER HIL		included			FAIR 1354	97 QUAL						\$31,000 - 7		Υ	Υ		Υ	Υ	-					
	8683 Autumn	Drive		COPPER HIL			500 04 00				DEFAU					\$16,000 - 3		Y	Y		Y	Y	-					
	8821 Autumn	Drive		COPPER HIL		6500	500 \$1,30	6,00(\$15,600			DEFAU	ILI				31,000 - 5		Y	Y		Y	Y	-					
	8828 Autumn 208 BARKER	Drive LN	NE	COPPER HIL RINER		included SPECIAL	500 \$1,30	640.700	FAIR 910	65 QUAL	QUAL				\$40,00	31,000 - 6	)) - IN	Y	Y		Y	Y	Y 25/3					
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	351 BARKER	LN	NE	RINER	VA 24	included				QUAL		PAP QUAL		OSL							Y	Y	Y 25/3					
	859 BERRY	CREEK	RD NW	INDIAN VALL		INcluded			POOR	0 QUAL		QUAL		JUL					Υ	Υ	Y	Y	1 20/3					
	1170 Berry	CREEK	RD NW	INDIAN VALL		2,000	500 \$1.30	1,50(\$3,900.0	00	QUAL									Y		Y	Y						2022 ACAM
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	290 Burnette	Rd		MEADOWS O		included			VERY	0 QUAL					,50	.,			Y		Y	Υ			Y			2022 ACAM
	305 Burnette	Rd		MEADOWS O		included				QUAL	Р	PAPER	YEC	OSL	\$56,00	\$41,000 - 6	55 - N		Υ		Y	Υ			Υ			2022 ACAM
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19 QUAL	333 Burnette	Rd		MEADOWS O	F VA 24	included				QUAL					\$51,00	\$36,000-57	75+ N		Υ		Y	Υ			Υ			2022 ACAM
20 QUAL	342 Burnette	Rd		MEADOWS O	F VA 24	included				QUAL			YES	;					Υ		Y	Υ			Υ			2023 ACAM
21 QUAL	352 Burnette	Rd		MEADOWS O	F VA 24	included				QUAL				QUA	\$21,00	00 - \$25,00	55+ N		Υ		Y	Υ			Υ			2022 ACAM
22 QUAL	425 Burnette	Rd		MEADOWS O	F VA 24	included				QUAL									Υ		Y	Υ			Υ			2022 ACAM
23 QUAL	433 Burnette	Rd		MEADOWS O	F VA 24	included				QUAL									Υ		Y	Υ			Υ			2022 ACAM
24 QUAL	436 Burnette	Rd		MEADOWS O		included				QUAL									Υ		Y	Υ			Υ			2022 ACAM
		Rd		MEADOWS O		included				QUAL									Υ		Y	Υ			Υ			
	439 Burnette	Rd		MEADOWS O		included				QUAL	P	PAPER		DSL					Υ		Y	Υ			Υ			2022 ACAM
	442 Burnette	Rd		MEADOWS O		included				QUAL			YES	_		\$11,000 - 6			Υ		Y	Υ			Υ			2022 ACAM
		Rd		MEADOWS O		5,000		4,50(\$11,700	.(FAIR 1100					QUA	A. \$36,00	\$36,000-5	55+ N		Υ		Υ	Υ			Υ			2022 ACAM
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	8566 Daniel	Rd Rd		COPPER HIL		3000	500 \$1,30	2,50(\$6,500.0	OCFAIR 879	86 QUAL								Y			Y	Y	Y 15/3			Y Y		
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	180 DANVILLE	PIKE	SW	MEADOWS (						QUAL											' '	Y						2024 ACAM
	302 DANVILLE	PIKE	SW	MEADOWS (		included				QUAL											Y	Y			Υ			2022 ACAM 2023 ACAM
	577 DANVILLE	PIKE	SW	MEADOWS (		included				QUAL											Y	Y		Y 30/5	Y 25/2			2023 ACAM 2024 ACAM
	597 DANVILLE	PIKE	SW	MEADOWS (		included				QUAL			YES								Υ	Y		Y 30/5				2025 ACAM
		PIKE	SW	MEADOWS (		included				QUAL											Y	Υ		Y 30/5				2026 ACAM
	639 Danville	Pike		MEADOWS (						QUAL									Υ	Υ	Υ	Υ		Y 30/5				2027 ACAM
42 QUAL	667 Danville	Pike		MEADOWS (	VA 24	included				QUAL									Υ	Υ	Υ	Υ		Y 30/5	Y 25/2			2022 ACAM
43 QUAL	687 Danville	Pike		MEADOWS (	VA 24	included				QUAL									Υ	Υ	Y	Υ		Y 30/5	Y 25/2			2022 ACAM
44 QUAL	808 Danville	Pike		MEADOWS (	VA 24	included				QUAL											Y	Υ		Y 30/5	Y 15/0.	75		2022 ACAM
	810 Danville	Pike		MEADOWS (		included				QUAL	qual										Y	Υ			Y 15/0.			2022 ACAM
	872 Danville	Pike		MEADOWS (		SPECIAL			1.0	QUAL											Y	Υ		Y 30/5	Y 15/0.			2022 ACAM
	281 DOBBINS	HOLLOW		PILOT	VA 24		500 \$1,30	\$58,700	).(	QUAL		PAPER		SAT							Y Y	Υ	Y 25/3			Υ		
	333 DOBBINS	HOLLOW		PILOT	VA 24	included				QUAL	P	PAPER	Ye: E	OSI							Y Y	Υ	Y 25/3			Υ		
		HOLLOW		PILOT	VA 24	included				QUAL											Y Y	Υ	Y 25/3			Υ		
	437 DOBBINS	HOLLOW		PILOT	VA 24	included				QUAL											Y Y	Y	Y 25/3			Υ		
	539 DOBBINS	HOLLOW		RINER	VA 24	included				QUAL	P	PAPER	YED	DSL							Y Y	Υ	Y 25/3			Υ		
		HOLLOW		PILOT	VA 24	included				QUAL											YY	Y	Y 25/3			Y		
	585 DOBBINS	HOLLOW		PILOT	VA 24	included				QUAL											YY	Y	Y 25/3			Y		
	597 DOBBINS 605 DOBBINS	HOLLOW		PILOT	VA 24 VA 24	included included				QUAL		ÆS.		OSL							Y Y Y Y	Y	Y 25/3			Y Y		

Row						FOOTAGE	CTC CTC	₹Rem Remaini	n Housing	3% Un	ser d AUTO	SU RV EY RE SURV TU EY RN QUAL ED IFIED	n n li e	Current Inter Marine et Dip	Inco me Home	AG E	Kid	Citizens fiber on 477 but not really availabl e to these address ADSL es 10/1.5	addres	t Citi	Sate	TDS	VA Everyw here LLC FIXED WIREL ESS shows on 477 but if coded green forest	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Centu ry Link ADSL	AD Cor SL cas	st 7/ Cox Comm	
	653 DOBBINS	HOLLOW		RINER	VA 24		010 010	CTCIII TCIIIdiiii	riousing	QU		· .	Dut	Dip	me nome	_	3:	03 10/1.0	, сз	Y	Y	Y	Y 25/3	likely	10/1	Y 33	1000/33	
57 QUAL	657 DOBBINS	HOLLOW		RINER	VA 24	included				QU										Υ	Υ	Υ	Y 25/3			Υ		
58 QUAL	667 DOBBINS	HOLLOW		RINER	VA 24	included				QU	JAL	YES	YEC	CELL						Υ	Υ	Υ	Y 25/3			Υ		
59 QUAL	927 DOBBINS	HOLLOW		RINER	VA 24	included				QU	JAL									Υ	Υ	Υ	Y 25/3			Υ		
	717 Fork Mtn	Rd		MEADOWS		included				QU								Υ			Υ	Υ			Υ			2022 ACAM
	718 Fork Mtn	Rd		MEADOWS		included				QU								Y			Υ	Υ			Υ			2023 ACAM
	771 Fork Mtn	Rd		MEADOWS		included				QU								Υ			Υ	Υ						2024 ACAM
	862 Fork Mtn	Rd		MEADOWS		included				QU								Υ			Υ	Υ			Υ			2025 ACAM
	951 Fork Mtn	Rd		MEADOWS		included				QU			YES		\$41,00 \$61,000			Y			Y	Y						2022 ACAM
	1010 Fork Mtn	Rd		MEADOWS		included			FAIR :	38444 QU				QUA	A \$21,00 \$21,000	- 55 -	N	Y			Y	Y			Υ			2022 ACAM
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77 QUAL	395 Hoot Owl Hollow	Rd		MEADOWS	OF VA 24	included				QU								Y	Υ		Υ	Υ			Υ			2022 ACAM
78 QUAL	101 Hosta	Ln		MEADOWS	OF VA 24	included				QU	JAL				\$56,00 \$41,000	- 55 -	N	Y	Υ		Υ	Υ			Υ			2022 ACAM
79 QUAL	106 Hosta	Ln		MEADOWS	OF VA 24	included				QU	JAL			QUA	\$21,00 \$26,000	- 75+	N				Υ	Υ			Υ			2022 ACAM
80 QUAL	138 Hosta	Ln		MEADOWS	OF VA 24	included				QU	JAL										Υ	Υ			Υ			2022 ACAM
81 QUAL	150 Hosta	Ln		MEADOWS	OF VA 24	included				QU	JAL										Υ	Υ			Υ			
82 QUAL		Ln		MEADOWS		included				QU	JAL	PAPER		DSL							Υ	Υ			Υ			2022 ACAM
	207 Hosta	Ln		MEADOWS		included				QU								Υ	Υ		Υ	Υ			Υ			
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	1105 LAUREL	RIDGE	MILLRD	RINER	VA 24	included				QU											Υ	Υ	Y 25/3			Υ		
	1111 LAUREL	RIDGE	MILLRD	RINER	VA 24	SPECIAL	500 \$1,30	\$88,700	(	QU											Υ	Υ	Y 25/3			Υ		
	1179 LAUREL	RIDGE	MILLRD	RINER	VA 24	included				QU											Υ	Υ	Y 25/3			Υ		
	1689 LAUREL	RIDGE	MILLRD	RINER	VA 24	included				QU											Y	Y	Y 25/3	_		Υ		
	1725 LAUREL	RIDGE	MILLRD	RINER	VA 24	included				QU			1/50						.,		Y	Y	Y 25/3		.,	Υ		
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	577 Mabry Mill	Rd		MEADOWS		5500	500 \$1.30	5,00(\$13,000		QU					\$30,00 \$41,000	- 50 -	14				Y	Y			Y			2022 ACAM 2022 ACAM
	3233 MACKS	MTN	RD	INDIAN VA		5000		0 4.50(\$13,000			JAL								Y		'		Y 15/3					LUZZ AUAW
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	390 OTEY	RD	NW	RINER	VA 24	included	22 \$ 7,00	12.,700		QU											Y	Y	Y 25/3			Υ		
	464 OTEY	RD	NW	RINER	VA 24	included				QU											Υ	Υ	Y 25/3			Υ		
	495 OTEY	RD	NW	RINER	VA 24	included				QU										Υ	Υ	Υ	Y 25/3			Υ		
	548 OTEY	RD	NW	RINER	VA 24					QU		PAPER	YEN	Mobile							Υ	Υ	Y 25/3			Υ		
00 QUAL	549 OTEY	RD	NW	RINER	VA 24	included				QU	JAL									Υ	Υ	Υ	Y 25/3			Υ		
01 QUAL	599 OTEY	RD	NW	RINER	VA 24	included				QU	JAL									Υ	Υ	Υ	Y 25/3			Υ		
.02 QUAL	601 OTEY	RD	NW	RINER	VA 24					QU	JAL									Υ	Υ	Υ	Y 25/3			Υ		
LO3 QUAL	603 OTEY	RD	NW	RINER	VA 24	included				QU	JAL	PAPER	N	MOBILE						Υ	Υ	Υ	Y 25/3			Υ		
104 QUAL	653 OTEY	RD	NW	RINER	VA 24	included				QU	JAL									Υ	Υ	Υ	Y 25/3			Υ		
105 QUAL	151 SOLLIE	DR		LAUREL FO	OR VA 24	included				QU	JAL										Υ	Υ		Y 30/5	Υ			
	430 SOLLIE	DR		LAUREL FO		3800	500 \$1,30	3,30(\$8,580.0	(	QU											Υ	Υ		Y 30/5	Υ			
	8266 SUGAR	RUN	RD	COPPER H		included				QU		YES		_	\$26,00 \$36,000						Υ	Υ	Y 15/3					
	8434 SUGAR	RUN	RD	COPPER H		5500		5,00(\$13,000		43582 QU		Pape QUAL	8	SA QUA	\$31,00 \$16,000	- 50 -	N				Υ	Υ	Y-15/3					
09 OUAL	8448 SUGAR	RUN	RD	COPPER H	IILI VA 24	included	***Long Dr	iveway (Not Inc	FAIR-F	52907 QU	JAL										Υ	Υ	Y 15/3					

Row									3% Unser	SU RV EY RE SUR TU EY RN QUA	L ei D n	r e t nt r Mark e et I	nco	AG	G Kid	Citizens fiber on 477 but not really availabl e to these address	Citizens ADSL	e to these address		Sate		here LLC FIXED WIREL ESS shows on 477 but if coded green	on 477 but if coded green forest cover	Centu zony Al Link Si ADSL 3/	On Com cast 0. 987/	Cox Comm	
·	RUN	DD.	0000000			CTC CTC (Rem Remaini				UTC? ?	Bu t		me Hor	-		es	10/1.5	es	768			forest	likely	10/1 76	8 35	1000/35	
110 QUAL 8780 SUGAR 111 QUAL 187 Terry	Trail	RD	COPPER HIL MEADOWS OF		3334 NCLUDED	500 \$1,30 2,83 \$7,368.4	**		QUAL			QUAL	\$21,00 \$36	,000-165	- N	Y					Y Y	Y 15/3	V 20/F	Υ Υ			
									qual												Y		Y 30/5	Y			
12 QUAL 404 Terry	Trail		MEADOWS OF		NCLUDED				qual											Y	Y Y		Y 30/5	Y			
113 QUAL 498 Terry 114 QUAL 115 TURNIP	Trail PATCH	RD	meaDOWS OF		3,000 1800	500 \$1,30 2,50(\$6,500.0 500 \$1,30 1,30(\$3,380.0			QUAL								Υ	Υ		Υ			Y 30/5 Y 30/5				2022 ACAM 2022 ACAM
115 TOKNIF	FAICH	KD	IIIeabows of	23	57234	\$26.0 \$3,380.0		Residentia		102			so 113 res	oidonooo	and 1	colo bue	-	or under*			ı		1 30/3	ī			2022 ACAIVI
116				37	5/234	\$20,0 \$300,10		ness (10 v		11 (inc	1 ctanda	ilone busi		siderices	anu	SOIO DUS	10/1	or under			o ctar	nd alone)					
17 QUAL 413 AGNES	LN	NW	WILLIS	VA 24	1650	500 \$1,30 1,15(\$2,990.0		1622 (10 A	v/ res)	_		one	ness)			V	V			Y	io stai	iu aione)					
18 QUAL 188 ALDERMAN	DR	SE	FLOYD	VA 24 **I	1100	500 \$1,30 600 \$1,560.0				PAP qual			\$21,00 \$41	000 65	ı NI	1	V	V		Y	T V						
.19 QUAL 377 ALLEN	RD	SE	FLOYD	VA 24 **I	4700	500 \$1,30 600 \$1,560.0		53322 85058		OUBLE MATC			\$21,00 \$41 \$26,00 \$21				v	· .		Y Y	· v						2022 ACAM
120 QUAL 152 ALLURING	ACRES	IN NW	FLOYD	VA 24 **I	2500	500 \$1,30 4,20(\$10,920		85058		AULT YES QUA		-					v				Y Y						2022 MCAIVI
121 QUAL 234 ALLURING	ACRES	LN NW	FLOYD	VA 24 **I		- 303 φ1,30 2,000 φ5,200.0	7			UAL DEFAU		-	\$21,00 \$21				ı v			Υ	v						
122 qual 115 ALPINE	DR	SW NW	MEADOWS OF			500 \$1.30 700 \$1.820.0			u	YES QUA		-	\$21,00 \$21 \$36,00 \$36				Y			Υ	v 1		Y 30/5				2022 ACAM
LEE quai 113 ALPINE	DIV	344	IVILADOWS OF	VA 24 -1	1200	300 \$1,30 700 \$1,820.C				TES QUA	L D	O QUAL	,JU,UU \$30	,,000-1 50	- IN		1						1 30/5				ZUZZ ACAM
123 QUAL 248 ALTA	VIEW	DR SW	WILLIS	VA 24	1100	500 \$1,30 600 \$1,560.0	X			YES QUA		_ `	\$36,00 \$16	,000 - 40	- N	Υ	Υ			Υ	Υ		Y 30/5				
124 QUAL 187 AMBROSE	PARK	RD NW	WILLIS	VA 24 **F		500 \$1,30 7,80(\$20,280	.(			YES QU	AL DS					Y	Y			Υ	Y						
25 QUAL 228 ANANDA	WAY	NE	CHECK	VA 24 **I					C	QUAL		_ `	\$36,00 \$11	,000 - 50	- N		Υ				Υ						2022 ACAM
26 QUAL 333 APPLE	WAY	SE	FLOYD	VA 24 **I		500 \$1,30 4,70(\$12,220	.(			YES QUA		SL					Υ	Υ			Υ						2022 ACAM
27 QUAL 145 AUSTIN	LN	SE	FLOYD	VA 24 **I	1900	500 \$1,30 1,40(\$3,640.0	FAIR	77835		OOUBLE MATC		-	\$31,00 \$26				Υ			Υ	Υ						2022 ACAM
28 QUAL 182 BADGE	BLVD		B WILLIS	VA 24	3600	500 \$1,30 3,10 \$8,060.0	)(						\$36,00 \$71			Y	Y			Υ		Y 15/3					
29 QUAL 1705 BARBERRY	RD		YD FLOYD	VA 24	1700	500 \$1,30 1,20(\$3,120.0	<u>)(</u>			YES QUA							Υ	Υ		Υ	Υ						2022 ACAM
30 QUAL 134 BATMAN	THUMPER	RD NE	FLOYD	VA 24 PR						DEFA YES QUA			\$56,00 \$41				Υ	Y		Υ	Υ						2022 ACAM
131 QUAL 162 BATMAN	THUMPER	RD NE	FLOYD	VA 24 PR							AULT		\$41,00 \$51				Υ	Υ		Υ	Y						2022 ACAM
132 QUAL 197 BATMAN	THUMPER	RD NE	FLOYD	VA 24 PR							AULT	-	\$36,00 \$46	,000 - 50	- Y		Υ	Υ		Υ	Υ						2022 ACAM
133 QUAL 203 BATMAN	THUMPER	RD NE	FLOYD	VA 24 PR		500 \$1,30 3,73 \$9,711.0	)(			QUAL YES qual	d						Υ	Y		Υ	Υ						2022 ACAM
134 QUAL 239 BATMAN	THUMPER	RD NE	FLOYD	VA 24 PR							ent conn		\$41,00 \$41				Υ	Y		Υ	Υ						2022 ACAM
135 QUAL 257 BATMAN	THUMPER	RD NE	FLOYD	VA 24 PR							AULT		\$41,00 \$46				Υ	Υ		Υ	Y						2022 ACAM
136 QUAL 277 BATMAN	THUMPER	RD NE	FLOYD	VA 24 PR					C		AULT		\$41,00 \$46	,000 - 70	- N		Υ	Υ		Υ	Υ						2022 ACAM
137 qual 111 BEAVER	CREEK	RD NW	FLOYD	VA 24	1325	500 \$1,30 825 \$2,145.0	)(			YES QUA							Υ			Y		Y 15/3					
138 QUAL 1074 BEAVER	CREEK	RD NW	FLOYD	VA 24	3050	500 \$1,30 2,55(\$6,630.0	X						\$26,00 \$41				Y	Y		Y	Υ	Y 15/3					
139 QUAL 207 BERRY	CREEK	RD NW	INDIAN VALL		1100	500 \$1,30 600 \$1,560.0	FAIR-F	0		OOUBLE MATC		_ `	\$26,00 \$31	,000 - 50	- N		Y	Y		Y	Y		Y 30/5				
40 QUAL 398 BERRYHILL	RD	NW	RINER	VA 24	2650	500 \$1,30 2,15(\$5,590.0	X				es /es DS						Y	Y				Y 25/3					
41 QUAL 442 BERRYHILL	RD	NW	RINER	VA 24	4800	500 \$1,30 4,30 \$11,180		107635					\$56,00 \$36				Y	Y			Y	Y 25/3	V 00/5				
42 QUAL 1086 BLACK	RIDGE	RD SW	FLOYD	VA 24	1100	500 \$1,30 600 \$1,560.0	POOR	19910		OUBLE MATC		-	\$31,00 \$16		_	1	Y	Y		Y	Y Y		Y 30/5				0000 40***
.43 qual 2061 BLACK .44 QUAL 100 BLUE	RIDGE	RD SW	FLOYD	VA 24 LO	2100 2500	500 \$1,30 1,60(\$4,160.0				YES QUA			\$51,00 \$21		_	ľ	T	T		T V	T V		Y 30/5				2022 ACAM
45 QUAL 100 BLUE	RIDGE		N' FLOYD N' FLOYD	VA 24 LO		500 \$1,30 2,00(\$5,200.0	^			AULTAPER QUA							Y			Y	Y						
46 QUAL 100 BLUE	RIDGE		N'FLOYD	VA 24 LO						AULTAPER QUA		-	80 - \$1\$21 80 - \$1\$21				Y			Y	v						
.47 qual 569 BOONE	RD		LIS WILLIS	VA 24 LO	3300	500 \$1,30 2,80(\$7,280.0	Y EAIR	36562	JEFF	YES QUA		-	826,00 \$0 ·			v	v .			Y	v '						2022 ACAM
.48 QUAL 425 BOXES	BRANCH	LN WILL	CHECK	VA 24 **I	3500	500 \$1,30 3,00 \$7,280.0	FAIR	30002		YES QUA		-	\$56,00 \$71				Y	Y			Υ	Y 15/3					2022 ACAM 2022 ACAM
49 QUAL 255 BOYD	LN	NW	INDIAN VALLEY			500 \$1,30 1,85 \$4,810.0	(FAID	76702	-	OOUBLE MATC			\$11,00 \$46			V				· v		1 10/0	Y 30/5				ZUZZ ACAWI
50 QUAL 130 BROAD	HOLLOW	RD	FLOYD	VA 24 **I	8700	500 \$1,30 8,20 \$21,320	( All C	10102		YEs qual			\$36,00 \$31				Y			Y	Y		1 30/3				2022 ACAM
51 QUAL 109 BUCKNER	LN		AT WILLIS	VA 24	1350	500 \$1,30 850 \$2,210.0	1			QUAL	u.		\$36,00 \$0 ·			Υ	Υ	Υ			Y						_OLL AGAM
52 QUAL 569 BUFFALO	VISTA	LN	WILLIS	VA 24 **I	9500	500 \$1,30 9,00 \$2,210.0				UAL		- `	\$36,00 \$11							Y	Y						2022 ACAM
53 QUAL 2968 BUFFALO	MTN		WILLIS	VA 24	1600	500 \$1,30 1,10 \$2,860.0	( FAIR	59737		OUBLE MATC	н	-	\$36,00 \$0 ·							Y	Y		Y 30/5				2022 ACAM 2022 ACAM
54 QUAL 3587 BUFFALO	MTN		WILLIS	VA 24	2500	500 \$1,30 2,00 \$5,200.0	Y AIR	30131		YES QUA		-	\$21,00 \$0 ·			Υ	Υ	Υ		Y			Y 30/5				2022 ACAM
.55 QUAL 158 BUTCH S	WAY	SW	FLOYD		included	2.2.2.4.,00.2,00.40,200.0			(	QUAL		-	\$21,00 \$0			Υ	Υ	Υ		Y	Y		. 5375				_OLL MORIVI
.56 QUAL 187 BUTCH S	WAY	SW	FLOYD	VA 24	1200	500 \$1,30 700 \$1,820.0	,			QUAL			\$21,00 \$20 \$21,00 \$26			Y	Y			Y	Y						
57 QUAL 198 BUTCH S	WAY	SW	FLOYD		included	συσ φτ,συ στ,σ20.0				PAPER QUA	AL DS	-	\$26,00 \$26			٧	· v			Y	V						
58 QUAL 236 CHARLOTTES	DR	NE NE	FLOYD	VA 24 **I	1600	500 \$1,30 1,10 \$2,860.0	10			YES QUA			\$31,00 \$36						Υ	Y	Y	Y 25/3					2022 ACAM
59 QUAL 200 CHESTNUT	CREEK		PrWILLIS	VA 24	4000	500 \$1,30 3,50(\$9,100.0		0	г	OUBLE MATC		-	\$36,00 \$11			Υ	Υ	Υ			Y	. 2010					LUZZ AUAIVI
.60 QUAL 206 CHESTNUT	LEVEL	RD SW	COPPER HILL		4800	500 \$1,30 4,30 \$11,180		U		YES QUA		-	\$36,00 \$26			Υ	Υ	Υ		Y				Y			2022 ACAM
161 QUAL 151 CIRCLE	DR	SE	FLOYD	VA 24 **I		500 \$1,30 1,10(\$2,860.0		78886		YES QUA			\$41,00 \$26				· v			Y	v						2022 ACAM

Row					F	<b>-</b> OOTAGE	GTC CTC \$Rem Remail	nin Housi	ing Data	3% Unser ved	TU	SURV EY QUAL IFIED	ne		Inco me Ho		G Kid	Citizens fiber on 477 but not really availabl e to these address es	Citizens ADSL 10/1.5	Citizens ADSL 50/10 shows on 477 but not really availabl e to these address es		Sate Ilite		here LLC FIXED WIREL ESS shows on 477 but if coded	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Veri Centu zon ry AD Link SL ADSL 3/0. 10/1 768		m
162 QUAL	110 CLINGERS	CROSSING	NE	FLOYD	VA 24 **I		500 \$1,30 1,40(\$3,640				QUAL	DEFAU			\$41,00 \$2			Υ	Υ	Υ		Υ		Y 15/3	,			2022 ACAM
163 QUAL	132 CLINGERS	CROSSING	NE	FLOYD	VA 24 **I	included		FAIR	58712		QUAL	Student	Conne		\$36,00 \$10				Υ			Υ	Υ					2022 ACAM
.64 QUAL	173 CODYS	RIDGE	RD NE	RINER	VA 24 **I	2760	500 \$1,30 2,26(\$5,876	.00			QUAL				\$56,00 \$3	,000-\$5	0 - N		Υ	Υ		Υ	Υ	Y 25/3				
	415 CONNER		RD SW	WILLIS	VA 24	2000	500 \$1,30 1,50(\$3,900		46147		DOUBLE	MATCH			\$36,00 \$0			Υ	Υ	Υ			Υ					
	913 CONNER	GROVE	RD	WILLIS	VA 24	4500	500 \$1,30 4,00(\$10,40						ves dsl	OUA	\$21,00 \$1	.000 - 3	5 - N		Υ	Υ		Υ	Υ		Y 30/5			2022 ACAM
	784 CONNER	RD	NE	COPPER HIL		1200	500 \$1,30 700 \$1,820		91322			SQUAL	_	_		,		Υ	Υ	Υ		Υ	Υ	Y 15/3		Υ		2022 ACAM
	120 CONNERS	TR	NF	CHECK	VA 24 **I	1000	500 \$1,30 500 \$1,300				QUAI							Υ	Υ	Υ		Υ	Υ					2022 ACAM
	104 CORVETTE		NE	FLOYD	VA 24 **I		500 \$1,30 2,30 \$5,980				VE	SQUAL	ns	OUA	\$21,00 \$2	000 - 3	5 - N		v	Υ		Y	Y	Y 15/3			Y 987/35	2022 ACAM
170 QUAL		LN	NW	WILLIS	VA 24 **F	1250	500 \$1,30 750 \$1,950		65087		DOUBLE				\$21,00 \$2				v	Y			· Y	Y 15/3			1 307/33	ZOZZ MOMINI
	864 DANIELS RUN		NE	CHECK	VA 24	2400	500 \$1,30 1,90 \$4,940		40883		DOUBLE DOUBLE								Y	Y			Y	Y 15/3				2022 ACAM
					VA 24VAT		500 \$1,30 1,90 \$4,940		40883			MAICH		QUA	\$26,00 \$2	,000 - /	J IN		v	Y			Y Y	V 25/2				ZUZZ MUMIVI
	285 DEER	CROSSING		RINER							qual			OUA	226 00 81	000	0 N	V	V	1				1 25/3				
173 QUAL			RD NE	PILOT	VA 24	1650	500 \$1,30 1,15(\$2,990				qual .				\$36,00 \$10			Y	Y					Y 15/3				0005 : 5 :
	123 DOLPHIN		NE	CHECK	VA 24 **I	2500	500 \$1,30 2,00(\$5,200				qual			QUA	\$21,00 \$30	,000-31	8 - N		Y	Y			Y					2022 ACAM
	669 DULANEY	RD	NW	FLOYD	VA 24	2790	500 \$1,30 2,29(\$5,954		191879			QUAL							Υ	Υ				Y 15/3				
	398 DUNCANS		RD NW	WILLIS	VA 24	1820	500 \$1,30 1,32(\$3,432		46891						\$31,00 \$3			Υ	Υ	Υ		Υ	Υ	Y 15/3				
	189 DUNCANS		RD NW	WILLIS	VA 24	1250	500 \$1,30 750 \$1,950							`	\$31,00 \$5				Υ	Υ		Υ	Υ					
.78 QUAL	298 DUSTY	ROCK	RD NW	RINER	VA 24	1500	500 \$1,30 1,00(\$2,600	.00			YES	QUAL	ES DSL	QUA	\$26,00 \$2	,000 - 5	5 - N		Υ			Υ	Υ	Y 15/3				
79 QUAL	901 DUSTY	ROCK	RD NW	RINER	VA 24	1200	500 \$1,30 700 \$1,820	.00			qual			QUA	\$26,00 \$3	,000 - 5	5 - N		Υ	Υ		Υ	Υ	Y 25/3				
.80 QUAL 1	212 EAGLE	VIEW	DR	PILOT	VA 24 **I	5800	500 \$1,30 5,30(\$13,78	0.0			YE	S QUAL	DSI	L					Υ			Υ	Υ	Y 15/3				2022 ACAM
.81 QUAL	735 FASV	DR	NW WILL	15 10/11 1 10	VA 24	1500	500 \$1,30 1,00(\$2,600	O( EAID	76165		DOUBLE	MATCH		anal	\$41,00 \$20	000 - 6	5+ V	V	V	Y		Y	Υ	Y 15/3				2022 ACAM
	127 ELIZABETH		SE	FLOYD	VA 24 **I	2000	500 \$1,30 1,50(\$3,900		84076		DOUBLE			-	\$21,00 \$30				Y				Y	1 13/3				2022 ACAM
.83 QUAL						1000			84076					`					Y				Y	V 45/0				
			NE CW	PILOT	VA 24 **I		500 \$1,30 500 \$1,300					QUAL			\$41,00 \$20				Y					Y 15/3				2022 ACAM
	748 EPPERLY	MILL	RD SW	FLOYD	VA 24	1000	500 \$1,30 500 \$1,300		57040		DOUBLE	MAICH			\$31,00 \$20				Y	Υ	.,		Y					
	897 FAIRVIEW		RD SW	FLOYD	VA 24	1150	500 \$1,30 650 \$1,690				qual			_	\$26,00 \$1			Υ				Υ	Υ					
	538 FALLING	BRANCH	RD NW	FLOYD	VA 24	3000	500 \$1,30 2,50(\$6,500				DOUBLE				\$51,00 \$4				Υ	Υ		Υ	Υ					
	887 FALLING		RD NW	FLOYD	VA 24	3300	500 \$1,30 2,80(\$7,280		35224		PAPEI	R QUAL	DSL		\$36,00 \$40				Y	Y		Υ	Y					
188 QUAL			LN NE	COPPER HILL	VA 241**F	2300	500 \$1,30 1,80(\$4,680				qual				\$56,00 \$30			Υ				Υ	Υ	Y 15/3		Y		
189 QUAL 5		HWY	N	COPPER HIL	L VA 241	2500	500 \$1,30 2,00(\$5,200	.00			YE	SQUAL	YE DS	QUA	\$26,00 \$10	,000 - 3	5 - N	Υ	Υ			Υ	Υ					2022 ACAM
190 QUAL 8	277 FLOYD	HWY	N	COPPER HIL	L VA 241	1050	500 \$1,30 550 \$1,430	.00 FAIR-F	66645		DOUBLE	MATCH		QUA	\$36,00 \$30	,000-\$6	5+ Y	Υ	Υ	Υ		Υ	Υ	Y 15/3		Υ		
91 QUAL	184 FOGGY	BOTTOM	RD	FLOYD	VA 24 **I	4500	500 \$1,30 4,00(\$10,40	0.0			qual YE	S QUAL	YE DS	QUA	\$36,00 \$30	,000-\$5	0 - N	Υ	Υ			Υ	Υ					2022 ACAM
92 QUAL	252 FOGGY	воттом	RD	FLOYD	VA 24 **I	included					DEFA YE	S QUAL	DSI	L	\$56,00 \$4	,000 - 7	5+ N	Υ	Υ	Υ		Υ	Υ					2022 ACAM
93 QUAL	218 FOREST	RIDGE	RD	FLOYD	VA 24 **I	2900	500 \$1,30 2,40(\$6,240	.00 FAIR	123901		DOUBLE	MATCH		QUA	\$16,00 \$20	,000 - 6	5 - N		Υ	Υ		Υ	Υ					2022 ACAM
94 QUAL	274 FORK	DR	NE	FLOYD	VA 24 **I	8500	500 \$1,30 8,00(\$20,80	0.0 FAIR	71771		YE	S QUAL			\$51,00 \$40				Υ			Υ	Υ					2022 ACAM
95 QUAL			NE	FLOYD	VA 24 **I							SQUAL			\$56,00 \$4				Υ			Υ	Υ					2022 ACAM
196 QUAL			DR	FLOYD	VA 24 **I		500 \$1,30 2,10(\$5,460	.0(POOR	n		DOUBLE				\$36,00 \$10				Υ	Υ		Υ	Υ					2022 ACAM
.97 QUAL			DR	MEADOWS O		4100	500 \$1,30 3,60 \$9,360					SQUAL	DSI		\$46,00 \$20				Y			Y	Υ		Y 30/5			2022 ACAM
	795 FRANKLIN		SE	FLOYD	VA 24	1500	500 \$1,30 1,00(\$2,600		19666		qual	Q JAL	531	-	. 10,00 #21	,500-0			Y	Y		Y	Y		3370			2022 ACAM
	897 FRANKLIN		SE	FLOYD	VA 24	2400	500 \$1,30 1,90(\$4,940		19000			S QUAL	DSI						Y				' Y					2022 ACAM
	060 FRANKLIN		SE	FLOYD	VA 24	1950	500 \$1,30 1,45(\$3,770					SQUAL	DSI						v	Υ		' Y	· v					2022 ACAM
	952 GALLIMORE		NE NE	FLOYD	VA 24	1150	500 \$1,30 1,45(\$3,770		2000-		DOUBLE				\$31,00 \$2	000 7	S± NI		Y				Y Y	Y 15/3				ZUZZ ACAW
	952 GALLIMORE 954 GALLIMORE		NE		VA 24	1600						WATCH		`					Y				Y Y					
				FLOYD			500 \$1,30 1,10(\$2,860				qual				\$41,00 \$40			V	Y	V			•	Y 15/3				
03 QUAL			NE	CHECK	VA 24	4350	500 \$1,30 3,85(\$10,01		42998		qual			QUA.	\$26,000 -	550,005	5 - N	Υ	Y	Υ			Υ	Y 15/3				
04 QUAL			NW	FLOYD	VA 24 **I	2400	500 \$1,30 1,90(\$4,940					QUAL							Υ			Υ	Υ					
	564 GRAHAM		NE	CHECK	VA 24 **I		500 \$1,30 8,40(\$21,84		39978		DOUBLE			-	\$46,00 \$2			Υ	Υ	Υ				Y 15/3				2022 ACAM
	145 GRAPEVINE		NE				500 \$1,30 2,30(\$5,980	.00			qual YE	S			\$36,00 \$2			Υ	Υ	Υ		Υ	Υ	Y 15/3		Υ		2022 ACAM
	105 GRAYS		NW	FLOYD	VA 24 **I						qual				\$36,00 \$20			Y	Y	Υ		Υ	Υ					
08 QUAL	150 GRAYS	LN	NW	FLOYD	VA 24 **I						qual			QUA	\$21,00 \$2	,000 - 1	8 - N	Υ	Υ	Y		Υ	Υ					
09 QUAL	156 GRAYS	LN	NW	FLOYD	VA 24 **I						qual			QUA	\$26,00 \$2	,000 - 5	5 - N	Y	Y	Υ		Υ	Υ					
10 QUAL	179 GRAYS	LN	NW	FLOYD	VA 24 **I	included					qual			QUA	\$21,00 \$2	,000 - 3	0 - N	Y	Υ	Υ		Υ	Υ					
11 QUAL	213 GRAYS	LN	NW	FLOYD	VA 24 **I	3400	500 \$1,30 2,90(\$7,540	.00			qual			QUA	\$31,00 \$2	,000 - 3	5 - N	Υ	Υ	Υ		Υ	Υ					
	159 GREGGS	LN	NF	CHECK	VA 24 **I	1800	500 \$1,30 1,30 \$3,380		47312		DOUBLE				\$26,00 \$26				Υ	Υ		Y		Y 15/3				2022 ACAM

									3% Unser	TU	SURV EY QUAL		Mark et	Inco		AG K	fil 4 n re ar e th	Citizens ber on 77 but ot eally vailabl to dese Citized ddress ADS	A 50 sh on bi	to hese	Citiz ens 1.5	Sate		here LLC FIXED WIREL ESS shows on 477 but if coded	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover	Ve Centu zo ry AE Link SL ADSL 3/0	Com	Cox Comm	
Row						CTC CTC Rem Remaini		g Data v	ved /	AUTC?	?				Home		? e					llite	TDS		likely	10/1 76		1000/35	
214 QUAL 309 HALE	RD	NE	CHECK	VA 24		500 \$1,30 620 \$1,612.0	FAIR-F	43135		DOUBLE	MATCH		qual	\$41,00			_	Y	Y	′		Υ .	Y						
215 QUAL 188 HARMAN	HILL	RD	FLOYD	VA 24 **I	1350	500 \$1,30 850 \$2,210.0	X			qual					\$21,000 -			Y				Υ .	Y						2022 ACAM
216 QUAL 453 HARRIS	HOLLOW	RD SW	FLOYD	VA 24	2500	500 \$1,30 2,00(\$5,200.0		25051	(	qual			QUA	\$36,00			_	Y				Υ .	Y						
217 QUAL 123 HELMS	LN	SE	FLOYD	VA 24 **I	1400	500 \$1,30 900 \$2,340.0		36451		qual					\$21,000 -			Y	Y	′		Υ .	Y						2022 ACAM
218 QUAL 634 HIGGS	RD	NW	WILLIS	VA 24	1835	500 \$1,30 1,33 \$3,471.0	FAIR	66458	- 1	DOUBLE			QUA	\$26,00	\$41,000 -	- 55 - N	1	Υ	Y	′		Υ .	Y	Y 25/3					
219 QUAL 1153 HORSE	RIDGE	RD NW	WILLIS	VA 24	1640	500 \$1,30 1,14(\$2,964.0	X			YES	QUAL	DSL							Y	Y		Υ	Y	Y 25/3					
220 QUAL 149 HORSESHOE	LN	NW	RINER	VA 24VAT		500 \$1,30 1,80 \$4,680.0	X			qual	DEFAU		-	\$46,00	\$41,000 -	- 55 - Y	Y	Υ	Υ	′				Y 25/3					
221 QUAL 213 HORSESHOE	LN	NW	RINER	VA 24VAT						DEFA YES		DS						Y					_	Y 25/3					
222 qual 1142 HUCKLEBERRY	RD		FLOYD	VA 24	1450	500 \$1,30 950 \$2,470.0	X				QUAL			\$46,00				Y	Y	′		Υ .	Y	Y 15/3					2022 ACAM
223 QUAL 1882 INDIAN	VALLEY		RI INDIAN VALL		1500	500 \$1,30 1,00 \$2,600.0	FAIR	72080		DOUBLE	MATCH		QUA	\$31,00	\$26,000 -	- 65+ N	A A	Υ	Υ			Υ '							
224 QUAL 2159 INDIAN	VALLEY		RE WILLIS	VA 24	3100	500 \$1,30 2,60(\$6,760.0	X			qual												Υ '							
225 QUAL 162 INDIAN	VALLEY	RD NW	RADFORD	VA 24	2500	500 \$1,30 2,00(\$5,200.0		42940		DOUBLE			-	\$21,00				Y				Υ '	Y	Y 25/3					
226 QUAL 1294 INDIAN	VALLEY	RD NW	RADFORD	VA 24	1150	500 \$1,30 650 \$1,690.0	POOR	0		DOUBLE			-	\$16,00				Y				γ '	Y	Y 25/3					
227 QUAL 248 IVY	DR	NE	FLOYD	VA 24 **I						DEFA YES		DS		\$41,00			_	Y				Υ '	Y						2022 ACAM
228 QUAL 248 IVY	DR	NE APT		VA 24 **I						DEFA YES	SQUAL	DS	SL.	\$41,00	\$41,000 -	- 45 - N	V	Y				Υ .	Y						2022 ACAM
229 QUAL 622 IVY	DR	NE	FLOYD	VA 24 **I	8300	500 \$1,30 7,80(\$20,280		0		qual	DEFAU	LT						Υ				Υ .	Y						2022 ACAM
230 qual 144 JACKS MILL	RD	SE	COPPER HILL	VA 24	1400	500 \$1,30 900 \$2,340.0	FAIR	104557		YES	S QUAL	YE DS	L				Y	Y	Y	′		Y	Y			Y			2022 ACAM
231 QUAL 299 JAMES	LN	SE	FLOYD	VA 24 **I	6000	500 \$1,30 5,50(\$14,300	.(			qual	DEFAU	LT	QUA	\$21,00	\$46,000 -	- 25 - N	1	Y	Y	,		Y .	Y						2022 ACAM
32 QUAL 360 JAMES	LN	SE	FLOYD	VA 24 **I	included					DEFA YES	S QUAL	DS	qual	\$46,00	\$46,000 -	- 50 - Y	Y	Y				Y .	Y						2022 ACAM
233 QUAL 179 JASMINE	LN	NE	FLOYD	VA 24 **I	2900	500 \$1,30 2,40(\$6,240.0	X			YES	S QUAL	YE DS	L					Υ				Y .	Y						2022 ACAM
234 QUAL 128 JUSTICE	DR	NW	RINER	VA 24 **I	included					YES	S QUAL	DS	L	\$41,00	\$36,000-	\$35 - N	1	Y	Υ	,		Y .	Y	Y 25/3					
235 QUAL 2364 KYLE	WEEKS	RD SW	WILLIS	VA 24	1200	500 \$1,30 700 \$1,820.0	X			YES	S QUAL	DS	QUA	\$26,00	\$26,000 -	- 70 - N	V Y	Y	Y	,		Y .	Y						
236 QUAL 364 LAST	RD	NW	RADFORD	VA 24 **I	7380	500 \$1,30 6,88(\$17,888.	(FAIR	36040		YES	S QUAL	DS	L					Υ				Y .	Y	Y 25/3					
237 QUAL 786 LAUREL	BRANCH	RD NW	FLOYD	VA 24	1000	500 \$1,30 500 \$1,300.0	x			YES	QUAL'	ES DSL		\$51,00	\$46,000 -	- 70 - N	1	Y	Υ	,		Υ '	Y						
38 QUAL 1020 LAUREL	BRANCH	RD NW	FLOYD	VA 24	1300	500 \$1,30 800 \$2,080.0	x			YES	QUAL	DSL					Υ	Υ	Υ			Υ '	Y						
239 QUAL 2128 LAUREL	BRANCH	RD NW	FLOYD	VA 24	1100	500 \$1,30 600 \$1,560.0	FAIR	85649		YES	QUAL	DSL					Υ	Y	Υ	,		Y '	Y						
240 QUAL 134 LAUREL	DR	NW	FLOYD	VA 24 **I	4150	500 \$1,30 3,65(\$9,490.0	X			gual			QUA	\$26,00	\$21,000 -	- 50 - N	1	Υ				Y ·	Y	Y 15/3					
241 QUAL 223 LICK	CREEK	LN	COPPER HILL	VA 241**I	3800	500 \$1,30 3,30 \$8,580.0	X			qual			qual	\$46,00	\$36,000-	\$35 - Y	ΥΥ	,				Y ·	Y	Y 15/3		Υ			2022 ACAM
242 QUAL 490 LITTLE	CABIN	RD	FLOYD	VA 24 **I	5300	500 \$1,30 4,80(\$12,480	FAIR	0		OOUBLE	MATCH			\$21,00				Υ				Y ·	Y						2022 ACAM
243 QUAL 268 LITTLE	RIVER	CRCNW	RINER	VA 24 **I	8100	500 \$1,30 7,60(\$19,760	(			YEs	s qual	yes dsl			\$46,000			Υ				Y '	Y	Y 25/3					
244 QUAL 682 LONG	LEVEL	RD SW	FLOYD	VA 24	900	500 \$1,30 400 \$1,040.0	POOR	0		OOUBLE				\$31,00				Υ	Υ	,		Y '	Y						
45 QUAL 150 LONGBEARD	DR	NE	FLOYD	VA 24 **I	1150	500 \$1,30 650 \$1,690.0	X				QUAL	NO		\$31,00				Υ	Υ	,		Y ·	Y	Y 15/3					2022 ACAM
246 QUAL 568 LOVELL	RD		PILOT	VA 24	3200	500 \$1,30 2,70 \$7,020.0	10			gual				,,,,				Y				Y ·		Y 15/3					2022 ACAM
247 QUAL 528 LOW	GAP	RD NW	FLOYD	VA 24 sha	3200	500 \$1,30 2,70(\$7,020.0	)(				qual	DSL					Υ	Y	Υ	,		Y ,		Y 15/3					
248 QUAL 157 MALIBU	DR	SE	COPPER HILL			500 \$1,30 2,80(\$7,280.0	X			YES	S QUAL	DS	POSS	\$51,00		_		Υ				Y '		Y 15/3					2022 ACAM
249 QUAL 234 MAPLE	VIEW	LN NE	FLOYD	VA 24 **I		500 \$1,30 2,50(\$6,500.0	X		(	qual					\$41,000 -			Y				Υ '	Y						2022 ACAM
250 QUAL 236 MAPLE	VIEW	LN NE	FLOYD	VA 24 **I						qual				\$56,00				Y				Υ .	Y						2022 ACAM
251 QUAL 303 MARTIN	LN	NE	CHECK	VA 24 **I		500 \$1,30 4,10(\$10,660		101912		DOUBLE			-	\$31,00				Y	Y	′		Υ '		Y 15/3					2022 ACAM
252 QUAL 2000 MERIFIELD	RD	NW	WILLIS	VA 24	1400	500 \$1,30 900 \$2,340.0	FAIR	56183		DOUBLE				\$26,00				Υ	Υ			γ '	Y	Y 15/3					
53 QUAL 205 MIDKIFF	RD	SE	FLOYD	VA 24 **I		500 \$1,30 2,92! \$7,605.0	X		C	QUAL YES		ES DSL			\$26,000 -			Y				Υ '	Y						
54 QUAL 222 MILKY	WAY	NW	RINER	VA 24 **I	3700	500 \$1,30 3,20 \$8,320.0	X			YES	S QUAL	YE DS	SL.	\$56,00	\$46,000 -	- 70 - N	V	Y				Υ .	Y	Y 15/3					
55 QUAL 153 MILLIMETER	RD	SW	FLOYD	VA 24	2800	500 \$1,30 2,30(\$5,980.0	POOR	0	- 1	DOUBLE	MATCH		QUA	\$31,00	\$26,000 -	- 75+ N	V Y	Υ	Υ			Υ .	Y						
56 QUAL 530 MORGAN	DR	SE	FLOYD	VA 24 **I	1150	500 \$1,30 650 \$1,690.0	X			YES	SQUAL	DS	QUA	\$31,00	\$46,000 -	- 40 - N	V Y	Y	Υ	1		Υ .	Y						2022 ACAM
57 QUAL 190 OAK	VIEW	LN NE	RINER	VA 24 **I	1800	500 \$1,30 1,30 \$3,380.0	X		(	qual			QUA	\$26,00	\$31,000 -	- 50 - N	V	Υ	Y	′		Υ .	Y	Y 25/3					
58 QUAL 111 ODESSIA	DR	SE	COPPER HILL	VA 241**I	1800	500 \$1,30 1,30 \$3,380.0	X		(	qual			POSS	\$56,00	\$11,000 -	- 30 - Y	Y	Υ				Y .	Y	Y 15/3					2022 ACAM
59 QUAL 1108 OLD	FURNACE	RD SW	FLOYD	VA 24	1150	500 \$1,30 650 \$1,690.0	K FAIR	111316	1	OOUBLE	MATCH		QUA	\$36,00	\$11,000 -	- 75+ N	V Y	Y				Υ '	Y						
260 QUAL 198 OLD	MILL	RD NE	FLOYD	VA 24 sha	1000	500 \$1,30 500 \$1,300.0	X			qual								Υ	Y			Y '	Y						
261 QUAL 587 PARADISE	LN	SE	FLOYD	VA 24	2400	500 \$1,30 1,90(\$4,940.0	K FAIR	69986		YES	S QUAL	DS	QUA	\$31,00	\$11,000 -	- 70 - N	٧	Y				Y .	Y						2022 ACAM
262 QUAL 145 PINE	CREEK	WAYSE	FLOYD	VA 24 **I	Included		FAIR	0		YES	QUAL'	ES DSL		\$46,00	\$21,000 -	- 50 - N	V Y	Y	Y			Υ .	Y						
263 QUAL 171 PINE	CREEK	WAYSE	FLOYD	VA 24 **I	Included					PAPER	R QUAL	DSL		\$46,00	\$36,000-	\$75+ N	V Y	Y	Υ			Υ '	Y						
64 QUAL 9759 PINE	FOREST	RD NE	COPPER HIL	L VA 24	2560	500 \$1,30 2,06(\$5,356.0	FAIR	84192	1	OOUBLE	MATCH		QUA	\$21,00	\$16,000 -	- 25 - N	V					Y .	Y	Y 15/3		Υ			
65 QUAL 144 PINE	LN	SW	MEADOWS O	F VA 24 **I	1300	500 \$1,30 800 \$2,080.0		80073		qual				\$31,00				Υ	Y	,		Y ·	Y		Y 30/5				2022 ACAM
66 QUAL 150 PINEY	WOODS	LN	WILLIS	VA 24 **I	1100	500 \$1,30 600 \$1,560.0	X			nual			OUA	\$21,00	\$11.000 -	- 25 - N	V V	Y	Y	,		Y ·	Y						2022 ACAM

Row					F	OOTAGE	CTC CTC ! Rem Remain!	in Housing	o Data	3% Unser ved A	TU	SURV E SURV EY U QUAL D IFIED	ne		nco ne Home			Citizens fiber on 477 but not really availabl e to these address es	Citizens ADSL 10/1.5	e to these address	Sate		here LLC FIXED WIREL ESS shows on 477 but if coded	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Veri Centu zon ry AD Link SL ADSL 3/0. 10/1 768	Com cast 987/ Co	ox Comm 00/35	
267 QUAL 20	07 POFF	DR N	IE	CHECK	VA 24 **I		500 \$1,30 6,60(\$17,160		_		qual		-11		46,00 \$21,0				Υ	-		Y	101001	iiiiiii				2022 ACAM
268 QUAL 955		CT S	E	COPPER HILL			500 \$1,30 1,00(\$2,600.0				qual			-	56,00 \$36,0						Υ	Υ	Y 15/3		Υ			2022 ACAM
269 QUAL 15	50 PRICE	LN S	E	COPPER HILL	VA 241**I	1550	500 \$1,30 1,05(\$2,730.0					S QUAL	DSI						Υ		Υ	Υ						2022 ACAM
270 QUAL 4			w	WILLIS	VA 24 **I		500 \$1,30 1,10(\$2,860.0	0(FAIR	0			MATCH		QUA \$	31,00 \$21,0	00 - 25	- N		Υ		Υ	Υ	Y 15/3					
		RD N	IW	WILLIS	VA 24	1100	500 \$1,30 600 \$1,560.0		0			MATCH			36,00 \$21,0			Υ	Υ	Υ		Υ						
272 QUAL 17		DR N	IE	CHECK	VA 24 **I	5500	500 \$1,30 5,00(\$13,000	).(	-			S QUAL			26,00 \$21,0			Υ	Υ	Υ	Υ	Υ	Y 15/3					2022 ACAM
273 QUAL 15	51 RADFORD	HOMESTEAD	R	FLOYD	VA 24 **I	included				a	qual				21,00 \$36,0				Υ		Υ	Υ						2022 ACAM
274 QUAL 16		HOMESTEAD		FLOYD	VA 24 **I						qual				26,00 \$16,0				Υ		Υ	Υ						2022 ACAM
275 QUAL 16	67 RADFORD	HOMESTEAD		FLOYD	VA 24 **I		500 \$1,30 1,40(\$3,640.0	00 FAIR	43152		qual				41,00 \$21,0				Υ		Υ	Υ						2022 ACAM
276 qual 14	42 RAVEN	LN N	IE	COPPER HILL	VA 241**I		500 \$1,30 1,45(\$3,770.0	00				S QUAL	NO		21,00 \$11,0			Υ	Υ	Υ	Υ	Υ	Y 15/3		Υ			2022 ACAM
	43 REECE		w	WILLIS	VA 24	1150	500 \$1,30 650 \$1,690.0	00 FAIR	57457			pe qual			31,00 \$21,0			Υ	Υ	Υ		Υ						
	77 REED	CEMETERY F		FLOYD	VA 24VAT		500 \$1,30 2,15(\$5,590.0	00				SQUAL	DSI		, ,,,				Y	Υ	Y	Y	Y 15/3					
	59 REEDS		N NW	FLOYD	VA 24VAT		500 \$1,30 500 \$1,300.0	OC				S QUAL	DSI		41,00 \$31,0	00 - 70	- N	Υ	Υ	Y			Y 15/3					
280 QUAL 14			IW	FLOYD	VA 24 **F		500 \$1,30 650 \$1,690.0					S QUAL		-	,,0				Υ		Y	Υ						
281 QUAL 1:		WAY R	D NW	FLOYD	VA 24 **I							S QUAL							Υ		Υ	Υ						
	22 RIDGEVIEW		IW	FLOYD	VA 24	1830	500 \$1,30 1,33(\$3,458.0	OC .				S QUAL	DSL					Υ	Υ	Υ	Υ	Υ	Y 15/3					
	22 RIDGEVIEW		IW	FLOYD	VA 24	1640	500 \$1,30 1,14(\$2,964.0					S QUAL	DSL						Υ	Υ	Υ		Y 15/3					
											VE		200					.,	.,		.,	.,						
284 QUAL 30			IW	WILLIS	VA 24 pri		500 \$1,30 2,80(\$7,280.0					S QUAL	DSI		51.00.046.0	00 55		Y	Υ				Y 15/3					
285 QUAL 20			IE		VA 24 **I		500 \$1,30 1,10(\$2,860.0		124918	q	qual YE		D.C.		51,00 \$46,0				Υ			Y	V 05 /0					2022 ACAM
	09 RIVER		RD NW	RINER	VA 24	5800	500 \$1,30 5,30(\$13,780	10				S QUAL	DSL		56,00 \$46,0								Y 25/3					
287 QUAL 12			N SE	FLOYD	VA 24 **I		500 \$1,30 1,70(\$4,435.6	60				S QUAL			21,00 \$26,0				Υ			Υ						
288 QUAL 15	58 RORRER	RD S	W	FLOYD	VA 24 **I	Included		FAIR	0		qual	DEFAULT		QUA.	26,00 \$26,0	00 - 25	- N	Y	Υ		Υ	Υ						
289 QUAL 25	51 RORRER	RD S	w	FLOYD	VA 24 **I	Included					qual YE	S qual	dsl	OUA S	36,00 \$46,0	00 - 35	- N	Υ	Υ		Υ	Υ						
290 QUAL 25	55 RORRER	RD S	w	FLOYD	VA 24 **I	2500	500 \$1,30 2,00(\$5,200.0	00		DEF	AULT YE	S QUAL	DSL					Υ	Υ		Υ	Υ						
291 QUAL 54			D NW	FLOYD	VA 24	875	500 \$1,30 375 \$975.00				qual			POSS	51,00 \$26,0	00 - 45	- Y		Υ	Υ	Υ	Υ						
292 QUAL 55	54 ROSE	HILL B	D NW	FLOYD	VA 24	900	500 \$1,30 400 \$1,040.0				YE	S QUAL	DSL						Υ	Υ	Υ	Υ						
293 QUAL 50	05 RUSSELL	RD S	E	FLOYD	VA 24 **I	6200	500 \$1,30 5,70(\$14,820	10			YE	S QUAL	YE DSI						Υ		Υ	Υ						2022 ACAM
	05 SANDY FLATS	RD S	E	FLOYD	VA 24	1550	500 \$1,30 1,05(\$2,730.0	0( POOR	23577			MATCH			56,00 \$46,0	00 - 30	- Y		Υ	Υ	Υ	Υ						2022 ACAM
295 QUAL 32		GROVE F	D NW	WILLIS	VA 24	1700	500 \$1,30 1,20(\$3,120.0		77834		OOUBLE	MATCH			26,00 \$31,0			Υ	Υ	Υ	Υ	Υ						
296 QUAL 4	19 SHORT	RD N	IW	RINER	VA 24 **I	7900	500 \$1,30 7,40(\$19,240	(FAIR	98822		OOUBLE	MATCH		QUA \$	36,00 \$41,0	00 - 25	- N		Υ		Υ	Υ	Y 25/3					
297 QUAL 20			N	PILOT	VA 24 **I	3200	500 \$1,30 2,70(\$7,020.0	00				S QUAL	DSI		51,00 \$36,0				Υ		Υ	Υ	Y 15/3					2022 ACAM
298 QUAL 91		RD N	IE .	COPPER HILL	VA 241**F		500 \$1,30 2,10(\$5,460.0	00 FAIR-F	56866			MATCH			36,00 \$21,0			Υ		Υ	Υ	Υ	Y 15/3		Υ			
	09 SLATEMONT		w	MEADOWS O			500 \$1,30 2,15(\$5,590.0					S QUAL	DSI						Υ	Υ	Υ	Υ		Y 30/5				2022 ACAM
	46 SLAUGHTER		D NW	INDIAN VALL		1350	500 \$1,30 850 \$2,210.0				qual				21,00 \$36,0	00-\$30	- N		Υ		Υ	Υ	y 15/3	y 30/5				
	09 SLUSHER		N NW	FLOYD	VA 24 **I							S QUAL	DSL						Y		Υ	Υ						
	48 SLUSHER		N NW	FLOYD	VA 24 **I		500 \$1,30 4,60(\$11,960	u(						POSS S	51,00 \$36,0	00-\$50	) - Y		Υ			Y						
	57 SMITH		D NW	FLOYD	VA 24 **I							R QUAL	ES DSL					Y	Y	Y	Υ	Υ	Y 15/3					
	70 SMITH		D NW	FLOYD	VA 24 **I							DEFAULT						Y	Υ	Y	Υ	Υ	Y 15/3					
	75 SMITH		D NW	FLOYD	VA 24 **I		500 \$1,30 9,35(\$24,310				qual YE	S qual	dsl		56,00 \$36,0			Υ	Υ	Y	Υ	Υ	Y 15/3					
	17 SONS		IW	RINER	VA 24 **I		500 \$1,30 1,40(\$3,640.0	0(			qual			`	26,00 \$21,0				Υ	Υ	Υ	Υ	Y 25/3					
	29 SONS		IW	RINER	VA 24 **I						qual			QUA \$	31,00 \$21,0	00 - 25	- N		Υ	Υ	Υ	Υ	Y 25/3					
	56 SUGAR		RD SW	WILLIS	VA 24	2000	500 \$1,30 1,50(\$3,900.0		66969	q	qual							Υ	Υ	Υ	Υ	Υ		Y 30/5				
	95 SUMNER		IE	FLOYD	VA 24	3000	500 \$1,30 2,50(\$6,500.0					S QUAL	DS		31,00 \$41,0				Υ	Υ			Y 15/3					2022 ACAM
	89 SWEETWATER		W	FLOYD	VA 24 **I		500 \$1,30 2,80(\$7,280.0			q	qual			QUA \$	31,00 \$11,0	00 - 30	- N	Υ		Υ		Υ		Y 30/5				2022 ACAM
	92 TAYLOR		E	FLOYD	VA 24 **I		500 \$1,30 1,50(\$3,900.0	00				S QUAL							Υ			Υ						
	71 TEABERRY		IW	RINER	VA 24 **I						DEFA YE	S QUAL			56,00 \$31,0				Υ		Υ		Y 15/3					
	38 TEABERRY		IW	RINER	VA 24 **I		500 \$1,30 6,60(\$17,160				qual				21,00 \$56,0				Υ	Υ			Y 15/3					
314 QUAL 2			IW	WILLIS	VA 24	1200	500 \$1,30 700 \$1,820.0			q	qual				31,00 \$11,0	00 - 40	- N	Υ	Υ	Υ		Υ		Y 30/5				
		RD S	E	FLOYD	VA 24	1800	500 \$1,30 1,30 \$3,380.0	00			YE	S QUAL	YE DSI						Υ	Υ	Υ	Υ						2022 ACAM
	90 THOMPSON 13 THUNDERSTRUC		IE .	FLOYD	VA 24	1200	500 \$1,30 700 \$1,820.0								51,00 \$41,0				Υ		Υ	Υ	Y 15/3					

ow							FOOTAG	SECTO OT	°C ∜Rem Remair	s <b>in</b> Housing		3% Unser ved	SU RV EY RE SUF TU EY RN QU ED IFIE	RV AL D	C ur re nt Int er	et Inco	AG Kid E s?	fibe 477 not rea ava e to the	illy ailabl o	Citizens ADSL 50/10 shows on 477 but not really availabl e to these address es		Sate	TDS	VA Everyw here LLC FIXED WIREL ESS shows on 477 but if coded green forest	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Vericentu zon ry AD Link SL ADSL 3/0.	Com cast 987/	Cox Comm 1000/35	
318 QUAL	458	THUNDERSTRUCK	RD		FLOYD	VA 24	1600		,30 1,10(\$2,860				YES QUA			QUA \$31,00 \$51,000 -			Υ	Υ			Υ	Y 15/3			Y 98		2022 ACAM
319 QUAL	1073	TIMBERLINE	RD	SE	COPPER HILL	VA 24	1400	500 \$1	,30 900 \$2,340	00 FAIR	41863		OOUBLE MATO			QUA \$36,00 \$36,000-5	40 - N		Υ	Υ		Υ	Υ						2022 ACAM
		TUGGLES	GAP	RD SW	FLOYD	VA 24	1100	500 \$1	,30 600 \$1,560	00 POOR	33238		OOUBLE MATO			QUA \$21,00 \$36,000-5	35 - N	Υ	Υ	Υ		Υ	Υ						
321 qual			ROCK	DR	FLOYD	VA 24 *							DEFA YES QUA	AL YE					Υ			Υ	Υ						2022 ACAM
322 QUAL			ROCK	DR	FLOYD		**  3500		,30 3,00(\$7,800	00			qual			QUA \$36,00 \$21,000 -	25 - N		Y			Y	Y						2022 ACAM
323 qual	190	TURILE	ROCK	DR	FLOYD	VA 24 1	**lincluded	3					DEFA YES QUA	AL YE	- DSL				Y			Y	Υ						2022 ACAM
324 qual	298	3 TURTLE	ROCK	DR	FLOYD	VA 24 *	**linclude	,		FAIR	82044		DEFA YES QUA	AL	DSL	\$41,00 \$31,000 -	75+ N		Y			Y	Y						2022 ACAM
325 QUAL			FALLS	RD NE	COPPER HIL	L VA 241	1200	500 \$1	,30 700 \$1,820				qual					Υ				Υ	Υ	Y 15/3		Υ		Y 1 GB/35M	
326 QUAL	8926	VALLEY	DR	SE	COPPER HILL	VA 241*	** 2736	500 \$1	,30 2,23(\$5,813	6( FAIR	89994		YES QUA	٩L	DSL	\$46,000 - \$50,00	60 - N				Υ	Υ	Υ	Y 15/3		Υ			
327 qual			СТ	NE	COPPER HILL								DEFA YES QUA	٩L	DSL			Y	Y	Υ		Υ	Υ	Y 15/3		Y			2022 ACAM
328 QUAL			СТ	NE	COPPER HILL			_	,30 600 \$1,560	O(			qual		_	QUA \$26,00 \$21,000 -		_	Υ	Υ		Υ	Υ	Y 15/3		Y			2022 ACAM
		WALNUT	СТ	NE	CHECK		**l <mark>included</mark>						YES QUA			QUA \$36,00 \$16,000 -			Υ	Υ			Υ	Y 15/3					2022 ACAM
		WALNUT	CT	NE	CHECK	VA 24 *			,30 2,00(\$5,200							QUA \$31,00 \$36,000-5	65 - N		Y	Υ			Y	Y 15/3					2022 ACAM
		WEBBS	MILL	RD N	FLOYD	VA 24	1600		,30 1,10(\$2,860	00			YES QU			.= 0.500.000.000			Υ			Υ	Υ						
		WEDDLE WEDDLE	CREEK	RD NW	FLOYD FLOYD		**I <mark>Included</mark> **I    2800		,30 2,30 \$5,980				QUAL YES QUA		NON DSL	\$56,00 \$26,000 - \$46,00 \$26,000 -			Y	Y		Y	Y						
		WEDDLE WEDDLE	CREEK	SE NW	FLOYD		**Included		,3012,301 \$5,980.	UL			AULT YES QU		_	\$41,00 \$46,000 -	_	_	Y V			Y Y	Y Y						
		WEDDLE WEDDLE	LN	SE	FLOYD	VA 24 *			30/1.00(\$2.600	Or .			QUAL DEFAL		JSL	\$41,00 \$26,000 -		_	V			•	Y Y						
36 QUAL			PATE	TRL	FLOYD	VA 24 *			,30 3,00 \$7,800	0			YES QUA		DSI	\$56,00 \$41,000 -		_	Y			Y	· Y						2022 ACAM
37 QUAL	_		OAK	GRCRD N		VA 24	2000		,30 1,50(\$3,900		56185		OOUBLE MATO		_	QUA \$21,00 \$26,000 -		_	Y				Y	Y 25/3					LOLL / TO/ TIT
38 QUAL			OAK	GRCRD N		VA 24	1300		30 800 \$2,080				qual		_	QUA \$31,00 \$16,000 -		_	Υ	Υ		Υ	Υ	Y 25/3					
39 QUAL	234	WILD	MTN	RD	WILLIS	VA 24 *	**  2700	500 \$1	,30 2,20(\$5,720	0(FAIR-F	22040		YES QUA	AL YE	DSL			Υ	Υ	Υ		Υ	Υ		Y 30/5				2022 ACAM
40 QUAL	533	WILDWOOD	RD	NW	FLOYD	VA 24	2300	500 \$1	,30 1,80(\$4,680	oc			YES QUA	AL YE	NO	QUA \$36,00 \$36,000-5	55 - N	Υ	Y	Υ		Υ	Υ						2022 ACAM
41 QUAL	494	WINDSOR	RD	NW	WILLIS	VA 24	1180	500 \$1	,30 680 \$1,768	00 POOR	24309		qual			QUA \$16,00 \$11,000 -	55 - N	Υ	Υ	Υ		Υ	Υ						
		YELLOW	BRICK	RD NW	FLOYD	VA 24 *			,30 5,00(\$13,00	).(				'ES 'ES					Υ				Υ	Y 15/3					
	207	YELLOW	BRICK	RD NW	FLOYD		**F <mark>include</mark>						YES QUA	AL YE	DSL				Υ				Υ	Y 15/3					
44						20 32	494907	\$2	36, \$1,050			al only	184 43 no st	tandalo					10/1	or under*			lences						
45 46 DEE	202	ALLURING	ACRES	LN NW	FLOYD		**lincluded	4		K	Res &Bu		AULT DEFAU		one	\$46,000 - \$50,00	55 - N		V		_	rness Y	_	andalone)					
47 DEF		ALPINE	DR	SW	MEADOWS O							DEI		AULT		\$40,000 - \$50,00	33 - 14		Y				Y		Y 30/5				2022 ACAM
48 DEF		B ALPINE	DR	SW	MEADOWS O									AULT					Y				Υ Υ		Y 30/5				2022 ACAM
49 DEF	_	AMBROSE	PARK	NW	WILLIS		**F <mark>included</mark>			FAIR	92317		DEFAL			QUA \$21,00 \$0 - \$10,0	75+ N		Y			Υ	Y						
50 DEF	333	AMBROSE	PARK	RD NW	WILLIS	VA 24 *	**F <mark>include</mark>	t		POOR	12499		DEF	AULT	-	QUA \$26,00 \$0 - \$10,0	65 - N	Υ	Y	Υ		Υ	Υ	Y 15/3					
51 DEF	334	AMBROSE	PARK	RD NW	WILLIS	VA 24 *	**F <mark>include</mark>	t					DEF	AULT				Y	Y	Υ		Υ	Υ	Y 15/3					
52 DEF		AMBROSE	PARK	RD NW	WILLIS		**F <mark>include</mark>			POOR	0			AULT				Y	Υ	Υ		Υ	Υ	Y 15/3					
53 DEF		ANANDA	WAY	NE	CHECK		**  1300	_	,30 800 \$2,080	00			DEFAULT						Y	Υ		Υ	Υ						2022 ACAM
54 DEF		ANANDA	WAY	NE	CHECK		**l <mark>included</mark>						DEFAULT						Y	Υ		Υ	Υ						2022 ACAM
55 DEF		APPLE	WAY	SE	FLOYD		**I <mark>included</mark>							AULT					Y	Y		Y	Υ						2022 ACAM
356 DEF 357 DEF		APPLE	WAY	SE SE	FLOYD		** <mark>included</mark>							AULT					Y	Y		Y Y	Y Y						2022 ACAM
57 DEF 58 DEF		BADGE	WAY BLVD		FLOYD * WILLIS	VA 24	included							AULT				v	Y	Y		*	Y Y	Y 15/3					2022 ACAM
359 DEF		BADGE BADGE	BLVD		* WILLIS	VA 24	included						DEFAU			QUA \$36,00 \$71,000 -	65 - N	-	y v	Y		Υ	Ϋ́Υ						
359 DEF		BADGE	BLVD		* WILLIS	VA 24	included							AULT		20.1.950,00.9/1,000 =	05 - IN	Υ	Y	Y				Y 15/3					
61 DEF		BADGE	BLVD		* WILLIS	VA 24	included						DEFAL						Y Y	· Y		Y	•	Y 15/3					
62 DEF		BATMAN	THUMPER	RD NE	FLOYD		PRinclude						DEFAULT DEF						Υ	Υ		Y	Υ						2022 ACAM
63 DEF		BATMAN	THUMPER	RD NE	FLOYD		PR <mark>include</mark>						DEFAULT DEF			\$41,00 \$46,000 -	40 - N		Y	Υ		Υ	Υ						2022 ACAM
64 DEF	189	BATMAN	THUMPER	RD NE	FLOYD	VA 24 F	PR <mark>include</mark>	i					<mark>DEFA</mark> ULT DEF	AULT		\$41,00 \$46,000 -	45 - N		Y	Υ		Υ	Υ						2022 ACAM
65 DEF	190	BATMAN	THUMPER	RD NE	FLOYD	VA 24 F	PR <mark>include</mark>	t				I	DEFAULT DEF	AULT					Y	Υ		Υ	Υ						2022 ACAM
66 DEF	235	BATMAN	THUMPER	RD NE	FLOYD	VA 24 F	PR <mark>include</mark>	t					DEFAULT DEF	AULT		\$41,00 \$41,000 -	25 - N		Y	Υ		Υ	Υ						2022 ACAM
67 DEF		BATMAN	THUMPER	RD NE	FLOYD	VA 24 F	PR <mark>include</mark>	t					DEFAULT DEF	AULT					Υ	Υ		Υ	Υ						2022 ACAM
68 DEF		BATMAN	THUMPER	RD NE	FLOYD		PR <mark>include</mark>						DEFAULT DEF						Y	Υ		Υ	Υ						2022 ACAM
		BATMAN	THUMPER	RD NE	FLOYD	V/A 24 E	PR <mark>include</mark>	4					DEFAULT DEF	TIIΔ					Υ	Y		Υ	Υ						2022 ACAN

Row					FOOTAGI	ECTC CTC {Rem Rema	<b>inin</b> Housing		3% Unser ved AUT	SU RV EY RE SUR TU EY RN QUA ED IFIEI	r V r IL e	cur ree nt nt er Mari ne et	Inco	Home		6 Kid	Citizens fiber on 477 but not really available e to these address es	l Citizens	Citizens ADSL 50/10 shows on 477 but not really availabl e to these address es	Citiz ens 1.5	Sate		VA Everyw here LLC FIXED WIREL ESS shows on 477 but if coded green forest	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Ventu zory AI Link SL ADSL 3/1 10/1 76	n Com cast 0. 987/	Cox Comm 1000/35	
370 DEF 1072 BEAVER	CREEK	RD NW	FLOYD		included					DEFAU				00 \$21,00				١	′ '	Y	Υ	Υ						
371 DEF 176 BERRYHILL	RD	NW	RINER	VA 24	1720	500 \$1,30 1,22(\$3,17	2.00			DEFAU	LT							١	Y .	Y	Y	Y	Y 25/3					
372 DEF 438 BERRYHILL	RD	NW	RINER	VA 24	INcluded		FAIR	38329		DEFAU								١		Y	Y	Y	Y 25/3					
373 DEF 440 BERRYHILL	RD	NW	RINER	VA 24	INcluded	ı	FAIR	0		DEFAU	LT		\$51,	00 \$11,00	0 - 45	- N		١	′ '	Y	Y	Y	Y 25/3					
374 DEF 612 BERRYHILL	RD	NW	RINER	VA 24	1750	500 \$1,30 1,25(\$3,25	0.00			DEFAU		_		00 \$21,00				١		Y	Y	Y	Y 25/3					
375 DEF 100 BLUE	RIDGE	MTNRD N		VA 24 LO					DEFAUL					\$1\$21,00				\			Y	Y						
376 DEF 100 BLUE 377 DEF 100 BLUE	RIDGE	MTNRD M	-	VA 24 LO VA 24 LO					DEFAUL			_ `		\$1\$21,00 \$1\$21,00				\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	,		Y	Y						
378 DEF 100 BLUE	RIDGE	MTNRD I		VA 24 LO					DEFAUL			_		\$1\$21,00				,	,		Y	Y						
379 DEF 100 BLUE	RIDGE	MTNRD I		VA 24 LO					DEFAUL			_ `		\$1\$21,00				)	,		Y	Y						
380 DEF 100 BLUE	RIDGE	MTNRD I		VA 24 LO					DEFAUL			_ `		\$1\$21,00				١	1		Y	Y						
381 DEF 100 BLUE	RIDGE	MTNRD N		VA 24 LO					DEFAUL			_		\$1\$21,00				١	1		Υ	Y						
382 DEF 100 BLUE	RIDGE	MTNRD I	V FLOYD	VA 24 LO	included				DEFAUL	DEFAU	LT	QU	A \$0 -	\$1\$21,00	00 - 75	+ N		١	1		Y	Y						
383 DEF 100 BLUE	RIDGE	MTNRD I		VA 24 LO						YESEFAU		_		\$1\$21,00				١	1		Υ	Y						
384 DEF 100 BLUE	RIDGE	MTNRD I		VA 24 LO					DEFAUL					\$1\$21,00				١	1		Y	Y						
385 DEF 100 BLUE	RIDGE	MTNRD N		VA 24 LO					DEFAUL			_		\$1\$21,00				\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			Y	Y						
386 DEF 100 BLUE	RIDGE	MTNRD M		VA 24 LO					DEFAUL			_		\$1\$21,00 \$1\$21,00				,	,		Y	Y						
387 DEF 100 BLUE 388 DEF 100 BLUE	RIDGE RIDGE	MTNRD I		VA 24 LO VA 24 LO					DEFAUL'					\$1\$21,00				\	,		Y	Y V						
389 DEF 100 BLUE	RIDGE	MTNRD I		VA 24 LO					DEFAUL			_		\$1\$21,00					,		, V	' '						
390 DEF 100 BLUE	RIDGE	MTNRD N		VA 24 LO					DEFAUL					\$1\$21,00				1	′		Υ	Y						
391 DEF 100 BLUE	RIDGE	MTNRD I		VA 24 LO					DEFAUL	T DEFAU	LT	_ `		\$1\$21,00				١	1		Υ	Υ						
392 DEF 100 BLUE	RIDGE	MTNRD N	FLOYD	VA 24 LO	included				DEFAUL	T DEFAU	LT	QU	A \$0 -	\$1\$21,00	00 - 75-	+ N		١	1		Υ	Υ						
393 DEF 100 BLUE	RIDGE	MTNRD 1	FLOYD	VA 24 LO	included				DEFAUL	T DEFAU	LT	QU	A \$0 -	\$1\$21,00	00 - 75-	+ N		\ \ \	1		Y	Y						
394 DEF 170 BROAD	HOLLOW	RD	FLOYD	VA 24 **							AULT	QU		00 \$51,00				Υ			Υ	Υ						2022 ACAM
395 DEF 174 BROAD	HOLLOW	RD	FLOYD	VA 24 **							AULT			00 \$26,00				Υ				Υ						2022 ACAM
396 DEF 221 BROAD	HOLLOW	RD	FLOYD	VA 24 **				65738			AULT			00 \$36,00				Y				Y						2022 ACAM
397 DEF 227 BROAD 398 DEF 229 BROAD	HOLLOW	RD RD	FLOYD FLOYD	VA 24 ** VA 24 **			POOR	43753			AULT	_		00 \$21,00				Y				Y						2022 ACAM
399 DEF 239 BROAD	HOLLOW	RD	FLOYD	VA 24 **			FAIR	61134			AULT AULT			00 \$36,00 00 \$21,00				Y V				Y						2022 ACAM 2022 ACAM
400 DEF 256 BROAD	HOLLOW	RD	FLOYD	VA 24 **			FAIR	01134		YES DEF						_	_	v				Y						2022 ACAM
401 DEF 296 BROAD	HOLLOW	RD	FLOYD	VA 24 **			POOR	6077			AULT	50 QU.	Ψ21,	00 \$11,00	70 10	- 1		Y				Y						2022 ACAM
402 DEF 101 BUCKNER	LN	NW PRIVA			included				DEF	AULT		QU	A \$36,	00 \$0 - \$1	10,(50	- N	Υ	Υ	Υ			Υ	Y 15/3					
403 DEF 107 BUCKNER	LN	NW PRIVA	WILLIS	VA 24	included				DEF	AULT							Υ	Υ	Υ		Υ	Υ	Y 15/3					
404 DEF 111 BUCKNER	LN	NW PRIVA	WILLIS	VA 24	included				DEF	AULT							Υ	Υ	Υ		Υ	Υ	Y 15/3					
405 DEF 115 BUCKNER	LN	NW PRIVA	-		included					AULT							Υ	Υ	Υ				Y 15/3					
406 DEF 107 BUFFALO	VISTA	LN	WILLIS	VA 24 **						AULT												Υ		Y 30/5				2022 ACAM
407 DEF 118 BUFFALO	VISTA	LN	WILLIS	VA 24 **						AULT		QU		00 \$21,00								Y		Y 30/5				2022 ACAM
408 DEF 531 BUFFALO 409 DEF 548 BUFFALO	VISTA	LN LN	WILLIS	VA 24 ** VA 24 **						AULT			\$46,	00 \$21,00	JU - 60	- N					Y Y	Υ		Y 30/5 Y 30/5				2022 ACAM
TOO DET 140 BUFFALU	VISTA	LIN	VVILLIS	VA 24 /**	included				DEF	AULT										1	1			1 30/5				2022 ACAM
410 DEF 153 CHARLOTTES	DR	NE	FLOYD	VA 24 **						YES DEF		-	A \$21,	00 \$46,00	00 - 75-	+ N						Υ	Y 25/3					2022 ACAM
411 DEF 199 CHARLOTTES	DR	NE	FLOYD	VA 24 **						YES DEF		DSL								Υ		Υ	Y 25/3					2022 ACAM
412 DEF 185 CHESTNUT	LEVEL	RD	COPPER HILL								AULT		\$51,	00 \$36,00	00-\$75-	+ N	Y	Y	Y			Y			Y			2022 ACAM
413 DEF 208 CHESTNUT 414 DEF 210 CHESTNUT	LEVEL	RD RD	COPPER HILL								AULT						Y	Y	Y			Y			Y			2022 ACAM
414 DEF 210 CHESTNUT 415 DEF 276 CHESTNUT	LEVEL	RD RD	COPPER HILL								AULT AULT		\$51	00 \$36,00	00-560	- N	Y	Y	Y			Y			Y			2022 ACAM 2022 ACAM
416 DEF 280 CHESTNUT	LEVEL	RD	COPPER HILL								AULT		ا,1دې	00,00,00	70-400	- 11	Y	Y	Y			Y			Y			2022 ACAM 2022 ACAM
417 DEF 121 CIRCLE	DR	SE	FLOYD	VA 24 **			FAIR	30730			AULT							Y				Y						2022 ACAM
418 DEF 129 CIRCLE	DR	SE	FLOYD	VA 24 **							AULT	QU	A \$31,	00 \$36,00	00-\$45	- N		Υ				Y						2022 ACAM
419 DEF 131 CIRCLE	DR	SE	FLOYD	VA 24 **						DEF	AULT	_		00 \$21,00				Υ			Υ	Υ						2022 ACAM
420 DEF 109 CLINGERS	CROSSING	NE	FLOYD	VA 24 **					DEF	AULT DEF	AULT	QU	A \$31,	00 \$21,00	00 - 45	- N	Υ	Υ			Υ	Υ						2022 ACAM
421 DEF 121 CLINGERS	CROSSING	NE	FLOYD	VA 24 **	included	l de la companya de			DEF	AULT DEF	AULT	QU	A \$26,	00 \$0 - \$1	10,(30	- N	Υ	Y			Υ	Υ						2022 ACAM

Row						стс стс	₹Rem Remaini	Housing Data	3% Unser a ved	TU RN ED AUTC?		C ur re nt Int er Ma ne et	Inco		AG Ki	Citizens fiber on 477 but not really available to these address es	Citizens ADSL 10/1.5	Citizens ADSL 50/10 shows on 477 but not really availabl e to these address es		ate te TI	VA Everywhere LLC FIXED WIREI ESS shows on 477 but if coded green forest	FIXED WIREL ESS shows on 477 but if	Centu z	AD Co SL ca 3/0. 98	ast 87/ Cox Comm	
	CLINGERS	CROSSING		FLOYD	VA 24 **Included					DEFAULT						Υ	Υ		Y	Υ						2022 ACAM
	CLINGERS	CROSSING	NE	FLOYD	VA 24 **Included					DEFAULT		т.	\$46	5,00 \$0 - \$10	,(45 - N	Υ	Υ	Υ	Y		Y 15/3					2022 ACAM
	CODYS	RIDGE	RD NE	RINER	VA 24 **Iincluded					DEFAULT		ox	***		44 37		Υ	Y	Y		Y 25/3	_				
	CODYS	RIDGE	RD NE	RINER	VA 24 **Included					DEFAULT		DSI	JA. \$31.	,00 \$26,000	- 45 - N		Y	Y	Y		Y 25/3	_				
	CODYS	RIDGE	RD NE	RINER	VA 24 **Iincluded VA 24 **Iincluded					DEFAULT		DSL					Y	Y	Y		Y 25/3	_				
	CONNERS	TR	NF NE	CHECK	VA 24 **lincluded					DEFAULT		PC	25 256	5,00 \$46,000	-40 - V	Y	Y	Y	Y		1 23/3	-				2022 ACAM
	CONNERS	TR	NE	CHECK	VA 24 **Included					DEFAULT				5,00 \$26,000			Y	Y	Y							2022 ACAM
	CORVETTE	DR	NE	FLOYD	VA 24 **Iincluded					DEITHOLI	DEFAUL			,,,,,,,,,,,			Y	Y	Y	- 1	Y 15/3			Y	(error?)	2022 ACAM
	CORVETTE	DR	NE	FLOYD	VA 24 **lincluded						DEFAUL		\$51	,00 \$36,000	-175+ N		Υ	Υ	Y	Υ	Y 15/3				(error?)	2022 ACAM
432 DEF 113	CORVETTE	DR	NE	FLOYD	VA 24 **lincluded						DEFAUL						Υ	Υ	Y	Υ	Y 15/3				(error?)	2022 ACAM
433 DEF 115	CORVETTE	DR	NE	FLOYD	VA 24 **Iincluded						DEFAUL	т Т					Υ	Υ	Y	Υ	Y 15/3			Y	(error?)	2022 ACAM
434 DEF 153	DEER	CROSSING	TRL NE	RINER	VA 24VATincluded					DEFAULT							Υ		Y	Υ	Y 25/3					
435 DEF 307	DEER	CROSSING	TRL NE	RINER	VA 24VATincluded					DEFA YES	3	DSL					Υ	Υ	Y	Υ	Y 25/3					
	DEER	CROSSING		RINER	VA 24VATincluded					DEFA YES				,00 \$41,000			Υ	Υ	Y	Y	Y 25/3					
	DOLPHIN	LN	NE	CHECK	VA 24 **Iincluded					DEFAULT				5,00 \$11,000			Υ	Υ	Y	Υ						2022 ACAM
	DOLPHIN	LN	NE	CHECK	VA 24 **Iincluded					DEFAULT				,00 \$16,000			Υ	Υ	Y	Υ						2022 ACAM
	DOLPHIN	LN	NE	CHECK	VA 24 **Included					DEFAULT				,00 \$0 - \$10			Υ	Υ	Y	Υ						2022 ACAM
	DOLPHIN	LN	NE	CHECK	VA 24 **Included					DEFAULT				5,00 \$16,000			Υ	Y	Y	Υ						2022 ACAM
	DOLPHIN	LN	NE	CHECK	VA 24 **Iincluded					DEFAULT		Qt	JA. \$31	,00 \$11,000	- 70 - N		Y	Y	Y	Y		-				2022 ACAM
	DOLPHIN DOLPHIN	LN	NE NE	CHECK	VA 24 **Included VA 24 **Included					DEFAULT DEFAULT							Y	Y	Y	Y		_				2022 ACAM 2022 ACAM
	DOLPHIN	LN	NE	CHECK	VA 24 **Iincluded					DEFAULT							Y	Y	Y	Y		_				2022 ACAM 2022 ACAM
445 DEF 1309		VIEW	DR	PILOT	VA 24 **Included						DEFAUL	T DOI					Y	1	Y		Y 15/3					2022 ACAM 2022 ACAM
446 DEF 1313		VIEW	DR	PILOT	VA 24 **Included			FAIR 5379		ILX	DEFAUL		\$41	,00 \$46,000	- 45 - N		Y		Y		Y 15/3					2022 ACAM
447 DEF 1355		VIEW	DR	PILOT	VA 24 **Included			TAIR 3378			DEFAUL		_	,00 \$26,000	_		Y		Υ	Υ	Y 15/3					2022 ACAM
448 DEF 1370		VIEW	DR	PILOT	VA 24 **lincluded					YES	DEFAUL			, , , , , ,			Υ		Y	Υ	Y 15/3					2022 ACAM
449 DEF 1442		VIEW	DR	PILOT	VA 24 **Iincluded						DEFAUL						Υ		Y	Υ	Y 15/3					2022 ACAM
	ELLERS	WAY	NE	PILOT	VA 24 **Iincluded			FAIR 9920		YES		DSL					Υ		Y	Υ	Y 15/3					2022 ACAM
	FAMILY	FARM	LN NE	COPPER HILL	VA 24 ** Included					DEFAULT						Y			Y	Y	Y 15/3			Y		
	FAMILY	FARM FARM	LN NE	COPPER HILL	VA 24 ** Included VA 24 ** Included					DEFAULT DEFAULT						Y			Y	Y	Y 15/3 Y 15/3			Y Y		
	FAMILY	FARM	LN NE	COPPER HILL	VA 241**Fincluded					DEFAULT		OI	TA   \$26	5,00 \$21,000	70 N	Y			Y		Y 15/3			Y Y		
	FOGGY	BOTTOM	RD	FLOYD	VA 24 **Included			FAIR 5006		DEFAULT				,00 \$26,000			Υ		Y		1 15/5					2022 ACAM
	FOGGY	воттом	RD	FLOYD	VA 24 **Included					DEFAULT			1.00	,	50-14	Y	Y		Y	Y						2022 ACAM
	FOGGY	воттом	RD	FLOYD	VA 24 **Iincluded					DEFAULT						Y	Y		Y	Y						2022 ACAM
	FORK	DR	NE	FLOYD	VA 24 **Iincluded						DEFAUL		\$46	5,00 \$36,000	-165 - N		Y		Y	Υ						2022 ACAM
	FORK	DR	NE	FLOYD	VA 24 **Iincluded						DEFAUL						Y		Y	Y						2022 ACAM
460 DEF 276	FORK	DR	NE	FLOYD	VA 24 **Iincluded			FAIR-F	0		DEFAUL	.T					Υ		Y	Y						2022 ACAM
461 DEF 318	FORK	DR	NE	FLOYD	VA 24 **Iincluded						DEFAUL	т.	\$51	,00 \$41,000	- 60 - N		Υ		Y	Y						2022 ACAM
	FORK	DR	NE	FLOYD	VA 24 **Iincluded			FAIR 6580	3		DEFAUL		SS \$51	,00 \$46,000	- 35 - Y		Υ		Y	Y						2022 ACAM
463 DEF 111		TROT	DR		FVA 24 **Iincluded						DEFAUL						Υ		Y			Y 30/5				2022 ACAM
464 DEF 114		TROT	DR		FVA 24 **Included						DEFAUL			,00 \$16,000			Υ		Y	Y		Y 30/5				2022 ACAM
	FOX	TROT	DR		F VA 24 **Iincluded						DEFAUL			5,00 \$21,000			Y		Y	Υ		Y 30/5				2022 ACAM
	FOX	TROT	DR		FVA 24 **Included						DEFAUL			5,00 \$26,000			Y		Y			Y 30/5				2022 ACAM
	FOX	TROT	DR		F VA 24 **Included						DEFAUL		\$51	,00 \$16,000	- 55 - N		Y		Y	Y		Y 30/5				2022 ACAM
468 DEF 279		TROT	DR DR		F VA 24 **Included						DEFAUL						Y		Y	Y		Y 30/5				2022 ACAM
469 DEF 350		TROT			F VA 24 **Included						DEFAUL						Y		Y			Y 30/5				2022 ACAM
470 DEF 396 471 DEF 413	FOX	TROT	DR DR		F VA 24 **I <mark>included</mark> F VA 24 **I <mark>included</mark>						DEFAUL		TA   621	00 \$24 000	65 NI		Y		Y			Y 30/5				2022 ACAM 2022 ACAM
	GRAPEVINE	LN	NE NE		VA 24 **Iincluded					DEFAULT		.ı Q(	M 331	,00 \$26,000	- 03 - N				Y			1 30/5				2022 ACAM 2022 ACAM
	GRAPEVINE	LN	NE		VA 24 **Included					DEFAULT						Y	Y	Y	Y				,	Y		2022 ACAM 2022 ACAM
	GRAPEVINE	LN	NE		VA 24 **Included					DEFAULT						Y	Y	Y	Y		Y 15/3			Y		2022 ACAM

ow.						FOOTAGE CTC CT	C { Rem Remaini	n Housing Data	3% Unser	TU RN ED	SURV EY QUAL IFIED ?	ne	t t t r Mark e et Ir	ico le Home	AG E		Citizens fiber on 477 but not really availabl e to these address address address 10/1.	addı	SL 0 ws 777 not ly labl C ei e 1.	ns .5		hi F W E sl oi bi	veryw Cere Fr.C VXED EIREL SS Colows by 1477 colored field f	astlink comm IXED VIREL SS hows n 477 ut if oded reen orest over kely	Ver Centu zon ry AD Link SL ADSL 3/0 10/1 76/1	Com cast . 987/	Cox Comm 1000/35	
75 DE	EF	294 GRAPEVINE	LN	NE	COPPER HILL	VA 24 ** lincluded				DEFAULT							Y Y	Υ		Υ	Y	Y	15/3		Y			2022 ACAM
76 DE	EF	295 GRAPEVINE	LN	NE	COPPER HILL	VA 24 ** Iincluded				DEFAULT							Y Y	Υ		Υ	Y	Y	15/3		Y			2022 ACAM
77 DE	EF	101 GRAYS	LN	NW	FLOYD	VA 24 **Iincluded				DEFAULT							Y Y	Υ		Υ	Y							
78 DE	_	102 GRAYS	LN	NW	FLOYD	VA 24 **Iincluded				FAULT				21,00 \$21,000			Y	Υ	Y		Υ	Y						
79 DE		109 GRAYS	LN	NW	FLOYD	VA 24 **Iincluded				FAULT				41,00 \$26,000			Y	Y	Y		Υ	Υ						
80 DE	_	124 GRAYS	LN	NW	FLOYD	VA 24 **Iincluded				FAULT YES		DSL		26,00 \$21,000			Y	Y	Y		Υ	Υ						
81 DE	_	132 GRAYS	LN	NW	FLOYD	VA 24 **Iincluded				FAULT				51,00 \$21,000			Y	Υ	Y		Υ	Υ						
82 DE	_	167 GRAYS	LN	NW	FLOYD	VA 24 **Included				DEFAULT				21,00 \$21,000			Y Y	Υ		Υ	Y							
83 DE		173 GRAYS	LN	NW	FLOYD	VA 24 **Included				DEFAULT				21,00 \$21,000			Y Y	Y		Y	Y							
84 DE	_	175 GRAYS	LN	NW	FLOYD	VA 24 **Included				DEFAULT				31,00 \$21,000			Y	Y		Y	Y							
85 DE	_	183 GRAYS 187 GRAYS	LN	NW NW	FLOYD	VA 24 **Included				DEFAULT				36,00 \$21,000			Y	Y		Y	Y							
86 DE 87 DE	_	187 GRAYS 191 GRAYS	LN	NW	FLOYD FLOYD	VA 24 ** Included				DEFAULT				21,00 \$21,000			Y	Y		Y	Y							
87 DE 88 DE	_	191 GRAYS 193 GRAYS	LN	NW	FLOYD	VA 24 **Iincluded VA 24 **Iincluded				DEFAULT DEFAULT				36,00 \$21,000 36,000 - \$40,0			Y	Y		Y	Y							
89 DE	_	216 GRAYS	LN	NW	FLOYD	VA 24 **lincluded				DEFAULT			_	36,000 - \$40,0 26,00 \$21,000			T T	Y		Y	1							
90 DE	_	149 GROUSE	RUN	LN NW	FLOYD	VA 24 **lincluded					EFAULT		QUA. S	26,00 \$21,000	- 30 -	· IN	Y	Y		Y	Y							
90 DE	_	219 GROUSE	RUN	LN NW	FLOYD	VA 24 **lincluded					EFAULT						Y			Y	Y							
92 DE	_	141 HARMAN	HILL	RD	FLOYD	VA 24 **lincluded				DEFAULT							v v			Y	1							2022 ACAN
93 DE		155 HARMAN	HILL	RD	FLOYD	VA 24 **Iincluded				DEFA YES		DS	2 12	56,00 \$36,000	-118 -	. N	· ·			Y	Y							2022 ACAN
94 DE		103 HELMS	LN	SE	FLOYD	VA 24 **Iincluded		POOR (	,	DEFAULT		D.		46,00 \$46,000			Y Y	Y		Y	,							2022 ACAN
95 DE		128 HELMS	LN	SE	FLOYD	VA 24 **Iincluded		FOOR (	,	DEFAULT			J.	10,00 \$10,000	05-	11	v v	· v		Y	Y							2022 ACAN
96 DE		127 HORSESHOE	LN	NW	RINER	VA 24VATincluded				DEFAULT		ΙT					Y	Y		Y		Y	25/3					ZOZZ MOMIV
97 DE		161 HORSESHOE	LN	NW	RINER	VA 24VATincluded		FAIR 95434		DEFAULT							Y	Υ		Υ		_	25/3					
98 DE	_	161 INDIAN	VALLEY		INDIAN VALL			VERY (	)	DEFAULT		-							Υ									
99 DE	_	165 INDIAN	VALLEY		WILLIS	VA 24 included		FAIR (		DEFAULT							Υ			Υ			\ \ \	30/5				
00 DE	_	224 IVY	DR	NE	FLOYD	VA 24 **Iincluded				DEFAULT		LT					Y			Υ	Y							2022 ACAM
01 DE	EF	244 IVY	DR	NE	FLOYD	VA 24 **Iincluded				DEFAULT	DEFAU	LT	S	51,00 \$41,000	- 50 -	N	Y			Υ	Y							2022 ACAM
02 DE	EF	246 IVY	DR	NE	FLOYD	VA 24 **Iincluded		FAIR 152905	5	DEFA YES	DEFAL	YE DS	SL \$	46,00 \$46,000	- 70 -	N	Y			Υ	Y							2022 ACAN
03 DE	EF	623 IVY	DR	NE	FLOYD	VA 24 **Iincluded				DEFAULT	DEFAU	LT					Y			Υ	Y							2022 ACAN
04 DE	EF	626 IVY	DR	NE	FLOYD	VA 24 **Iincluded				DEFAULT	DEFAU	LT	\$	41,00 \$46,000	- 35 -	N	Y			Υ	Y							2022 ACAM
05 DE	EF	195 JAMES	LN	SE	FLOYD	VA 24 **Iincluded		POOR (	)	DEFAULT	DEFAU	LT					Y	Υ		Υ	Y							2022 ACAM
06 DE	EF	298 JAMES	LN	SE	FLOYD	VA 24 **Iincluded				DEFAULT	DEFAU	LT	\$	41,00 \$31,000	- 18 -	N	Y			Υ	Y							2022 ACAM
07 DE	EF	299 JAMES	LN	SE	FLOYD	VA 24 **Iincluded				DEFAULT	DEFAU	LT	QUA \$	21,00 \$46,000	- 25 -	N	Y	Υ		Υ	Y							2022 ACAM
08 DE	EF	394 JAMES	LN	SE	FLOYD	VA 24 **Iincluded				DEFAULT	DEFAU	LT	QUA \$	26,00 \$56,000	- 60 -	N	Y			Υ	Y							2022 ACAM
09 DE		400 JAMES	LN	SE	FLOYD	VA 24 **Iincluded				DEFAULT			\$	56,00 \$41,000	- 70 -	N	Y	Υ		Y	Y							2022 ACAM
10 DE		307 JASMINE	LN	NE	FLOYD	VA 24 **Iincluded					DEFAU						Y	Υ		Υ	Y		15/3					2022 ACAN
11 DE	_	350 JASMINE	LN	NE	FLOYD	VA 24 **Iincluded					DEFAU		_	26,00 \$16,000			Y	Υ		Υ	Υ		15/3					2022 ACAN
12 DE		120 JUSTICE	DR	NW	RINER	VA 24 **Iincluded					DEFAU		QUA \$	26,00 \$26,000	- 35 -	N	Y	Υ		Υ	Y	_	25/3					
13 DE	_	121 LAST	RD	NW	RADFORD	VA 24 **Included					DEFAU						Y			Υ	Y	_	25/3					
14 DE	_	235 LAST	RD	NW	RADFORD	VA 24 **Included		POOR 16518	3	YES	DEFAU		SL				Y			Y	Y	_	25/3					
15 DE		621 LAST	RD	NW	RADFORD	VA 24 **Included				DEE.1.:: -	DEFAU	LT	OVIA	26.00.021.000	50	N.Y	Y			Y	Y	_	25/3					
16 DE		134 LAUREL	DR	NW	FLOYD	VA 24 ** Included				DEFAULT			QUA \$	26,00 \$21,000	- 50 -	N	Y			Y	Y		15/3					
17 DE 18 DE		228 LAUREL	DR	NW	FLOYD	VA 24 **(included VA 24 **(included				DEFAULT			OUTL	21 00 621 000	75	N	Y			Y	Y		15/3					
18 DE		256 LAUREL 284 LAUREL	DR	NW NW	FLOYD FLOYD	VA 24 **lincluded				DEFAULT DEFAULT			_	21,00 \$21,000 26,00 \$56,000			Y			Y	Y		15/3 15/3					
19 DE		154 LICK	DR	LN	-					DEFAULT				46,00 \$16,000			Y Y	v		Y	Y		15/3		Y			2022 ACAN
20 DE 21 DE		197 LICK	CREEK	LN		VA 24I**PRIVATE RD VA 24I**Iincluded				DEFAULT			5	+0,00 \$10,000	- 05+		Y Y	T		Y	Y		15/3		Y			2022 ACAN 2022 ACAN
21 DE		203 LICK	CREEK	LN		VA 24 ** lincluded				DEFAULT							Y			Y	Y		15/3		Y			2022 ACAN 2022 ACAN
22 DE		204 LICK	CREEK	LN		VA 24 ** lincluded				DEFAULT							v			Y	Y		15/3		Y			2022 ACAN 2022 ACAN
23 DE		408 LITTLE	RIVER	CRCNW	RINER	VA 24 **(included				DEI MULT	DEFAU	ΙT					Υ			Y	Y		25/3		1			2022 MCAN
25 DE		187 LITTLE	RIVER	CRCNW	RINER	VA 24 **lincluded				VE	DEFAU		SI				Y			Y	Y	_	25/3					
		248 LITTLE	RIVER	CRCNW	RINER	VA 24 **lincluded				TES	DEFAU		OL.				Y			Y	Y		25/3					
		137 MALIBU	DR	SE		VA 24 **Iincluded					DEFAU						Y			Y	Y	_	15/3					2022 ACAN
01		205 MALIBU	DR	SE		VA 24 **Included					DEFAU		OLIA	21,000 - \$25,0	00.70	N	Y			Y			15/3					2022 ACAM

Row					CTC CTC (Rem Remainli	n Housi		3% Unser ved AUT	TU I RN ( ED I		C ur re nt Int er Ma ne et	Inc me	Home		Kid s?	Citizens fiber on 477 but not really availabl e to these address es	Citizens ADSL 10/1.5	Citizens ADSL 50/10 shows on 477 but not really availabl e to these address es	Citiz ens 1.5 /0. 768		TDS	here LLC FIXED WIREL ESS shows on 477 but if coded green forest	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Ve Centu zo	n Com cast 0. 987/	Cox Comm 1000/35	
529 DEF 211 MALIBU	DR	SE		VA 24 ** lincluded						DEFAUL	Т		1,00 \$36,00				Υ				Υ	Y 15/3					2022 ACAM
530 DEF 220 MAPLE	VIEW	LN NE	FLOYD	VA 24 **Included		POOR	21898		AULT			\$50	6,00 \$46,00	0 - 70 -	N		Υ			Υ	Υ						2022 ACAM
531 DEF 228 MAPLE	VIEW	LN NE	FLOYD	VA 24 **Iincluded					AULT								Υ			Υ	Υ						2022 ACAM
532 DEF 230 MAPLE	VIEW	LN NE	FLOYD	VA 24 **Included					AULT				1,00 \$51,00				Υ			Υ	Υ						2022 ACAM
533 DEF 297 MAPLE	VIEW	LN NE	FLOYD	VA 24 **Included					AULT		QU		1,00 \$51,00				Υ			Υ	Υ						2022 ACAM
534 DEF 299 MAPLE	VIEW	LN NE	FLOYD	VA 24 **Included		FAIR	130569		AULT			\$5	1,00 \$46,00	0 - 60 -	N		Υ			Υ	Υ						2022 ACAM
335 DEF 301 MAPLE	VIEW	LN NE	FLOYD	VA 24 **Iincluded					AULT								Υ			Υ	Υ						2022 ACAM
36 DEF 303 MAPLE	VIEW	LN NE	FLOYD	VA 24 **Included					AULT								Υ			Υ	Υ						2022 ACAM
37 DEF 305 MAPLE	VIEW	LN NE	FLOYD	VA 24 **Included					AULT								Υ			Υ	Υ						2022 ACAM
38 DEF 138 MIDKIFF	RD	SE	FLOYD	VA 24 **Included					AULT								Υ			Υ	Υ						
39 DEF 141 MIDKIFF	RD	SE	FLOYD	VA 24 **Included				DEFAUL					1,00 \$11,00			Y	Y			Y	, ,						
40 DEF 161 MIDKIFF	RD	SE	FLOYD	VA 24 **Included				DEFAUL	LT		Qt	JA: \$30	6,00 \$26,00	0 - 60 -	Y	Y	Y	1		Y	\ \ \ \						
41 DEF 183 MIDKIFF	RD	SE	FLOYD	VA 24 **lincluded				DEFAUL	Т		an	al \$4	1,00 \$51,00	0 - 30 -	Y	Y	Y	,		Y	١,						
42 DEF 213 MIDKIFF	RD	SE	FLOYD	VA 24 **lincluded				DEFAUL					6,00 \$26,00			Y	Y	,		Y	· Y						
43 DEF 250 MIDKIFF	RD	SE	FLOYD	VA 24 **lincluded		FAIR	91399	DEFAUL					6,00 \$26,00			Y	Y	,		Y	· Y						
44 DEF 249 MILKY	WAY	NW	RINER	VA 24 **Iincluded		174114	01000			DEFAUL			1,00 \$26,00				Υ			Υ	Υ	Y 15/3					
45 DEF 253 MILKY	WAY	NW	RINER	VA 24 **Iincluded						DEFAUL			-,,				Y			Y	Y	Y 15/3					
46 DEF 257 MILKY	WAY	NW	RINER	VA 24 **lincluded						DEFAUL		JA \$16	6,00 \$21,00	0 - 70 -	N		Y			Y	Y	Y 15/3					
47 DEF 259 MILKY	WAY	NW	RINER	VA 24 **lincluded						DEFAUL			1,00 \$21,00				Y			Y	Y	Y 15/3					
48 DEF 261 MILKY	WAY	NW	RINER	VA 24 **Iincluded						DEFAUL			-,				Y			Y	Y	Y 15/3					
49 DEF 272 MILKY	WAY	NW	RINER	VA 24 **lincluded						DEFAUL		SS \$5	1,00 \$36,00	0-540 -	Y		Υ			Υ	Υ	Y 15/3					
50 DEF 384 MORGAN	DR	SE	FLOYD	VA 24 **lincluded								_	6,00 \$26,00			Υ	Y	Υ		Υ	Υ						2022 ACAM
51 DEF 550 MORGAN	DR	SE	FLOYD	VA 24 **lincluded									1,00 \$41,00			Y	Y	Y			Υ						2022 ACAM
52 DEF 129 OAK	VIEW	LN NE	RINER	VA 24 ** included				DEF	AULT			_	6,00 \$26,00				Υ	Υ		Υ	Υ	Y 25/3					
53 DEF 152 OAK	VIEW	LN NE	RINER	VA 24 **lincluded					AULT				1,00 \$31,00				Υ	Υ			Υ	Y 25/3					
54 DEF 161 OAK	VIEW	LN NE	RINER	VA 24 **lincluded					AULT								Υ	Υ		Υ	Υ	Y 25/3					
55 DEF 223 OAK	VIEW	LN NE	RINER	VA 24 **Iincluded					AULT		PC	SS \$5	6,00 \$51,00	0 - 55 -	Y		Υ	Υ		Υ	Υ	Y 25/3					
56 DEF 143 PINE	CREEK	WAYSE	FLOYD	VA 24 **IIncluded						FAULT			6,00 \$41,00			Υ	Υ	Υ		Υ	Υ						
57 DEF 211 PINE	CREEK	WAYSE	FLOYD	VA 24 **Included		FAIR	8.00E+04			FAULT						Υ	Υ	Υ		Υ	Υ						
58 DEF 213 PINE	CREEK	WAYSE	FLOYD	VA 24 **Included			1.28E+05			FAULT		\$5	1,00 \$41,00	0 - 65+	N	Υ	Υ	Υ		Υ	Υ						
59 DEF <b>276</b> PINE	CREEK	WAYSE	FLOYD	VA 24 **Included			34506		1	DEFAUL	T QI		6,00 \$16,00			Υ	Υ	Υ		Υ	Υ						
60 DEF 170 PINE	LN	SW	MEADOWS C	F VA 24 **Iincluded				DEF	AULT				6,00 \$26,00				Υ	Υ		Υ	Υ		Y 30/5				2022 ACAM
61 DEF 190 PINE	LN	SW	MEADOWS C	F VA 24 **Included				DEF	A YES		DS QU	JA \$2	6,00 \$31,00	0 - 55 -	N		Υ	Υ		Υ	Υ		Y 30/5				2022 ACAM
62 DEF 130 PINEY	WOODS	LN	WILLIS	VA 24 **lincluded		FAIR	103048		AULT		ì					Υ	Υ	Υ		Υ	Υ						2022 ACAM
63 DEF 155 PINEY	WOODS	LN	WILLIS	VA 24 **Iincluded					AULT		QU	JA \$20	6,00 \$46,00	0 - 75+	N	Υ	Υ			Υ	Υ						2022 ACAM
64 DEF 109 POFF	DR	NE	CHECK	VA 24 **Iincluded				DEF	AULT		PC	SS \$5	6,00 \$31,00	0 - 75+	Y		Υ			Υ	Υ						2022 ACAM
65 DEF 118 POFF	DR	NE	CHECK	VA 24 **Iincluded		FAIR	136858	DEF	AULT		QI	JA \$3	6,00 \$36,00	0-560 -	N		Υ	Υ		Υ	Υ						2022 ACAM
66 DEF 175 POFF	DR	NE	CHECK	VA 24 **Iincluded				DEF	A PAPE	ER	DS QU	JA \$2	6,00 \$36,00	0-565 -	N		Υ			Υ	Υ						2022 ACAM
67 DEF 281 POFF	DR	NE	CHECK	VA 24 **Included		FAIR	79278	DEF	AULT								Υ			Υ	Υ						2022 ACAM
68 DEF 285 POFF	DR	NE	CHECK	VA 24 **Iincluded					AULT								Υ	Υ		Υ	Υ	Y 15/3					2022 ACAM
69 DEF 287 POFF	DR	NE	CHECK	VA 24 **Iincluded				DEF	AULT								Υ	Υ		Υ	Υ	Y 15/3					2022 ACAM
70 DEF 289 POFF	DR	NE	CHECK	VA 24 **Iincluded				DEF	AULT		QU	JA \$2	6,00 \$61,00	0 - 35 -	N		Υ	Υ		Υ	Υ	Y 15/3					2022 ACAM
71 DEF 293 POFF	DR	NE	CHECK	VA 24 **Iincluded		FAIR	75309	DEF	A YES	Y	E DS QU	JA \$2	6,00 \$31,00	0 - 25 -	N		Υ	Υ		Υ	Υ						2022 ACAM
72 DEF 339 POFF	DR	NE	CHECK	VA 24 **Iincluded				DEF	AULT								Υ	Υ		Υ	Υ						2022 ACAM
73 DEF 353 POFF	DR	NE	CHECK	VA 24 **Iincluded				DEF	AULT								Υ	Υ		Υ	Y						2022 ACAM
74 DEF 354 POFF	DR	NE	CHECK	VA 24 **Iincluded		FAIR	75048	DEF	AULT		PC	SS \$5	6,00 \$36,00	0-570 -	Y		Υ	Υ		Υ	Υ	Y 15/3					2022 ACAM
75 DEF 9545 POPLAR	СТ	SE	COPPER HILL	VA 24 ** Included				DEF	AULT											Υ	Υ	Y 15/3		Y			2022 ACAM
76 DEF 9547 POPLAR	CT	SE	COPPER HILL	VA 24 ** Included				DEF	AULT											Υ	Υ	Y 15/3		Y			2022 ACAM
77 DEF 9571 POPLAR	СТ	SE	COPPER HILL	VA 24 ** Included		POOR	19888	DEF	AULT		QU	JA \$3	6,00 \$11,00	0 - 70 -	N					Υ	Υ	Y 15/3		Y			2022 ACAM
78 DEF 150 PRICE	LN	SE	COPPER HILL	VA 24 ** Included						DEFAUL	Т						Υ			Υ	Υ						2022 ACAM
79 DEF 150 PRICE	LN	SE	COPPER HILL	VA 24 ** Included						DEFAUL	T						Υ			Υ	Υ						2022 ACAM
80 DEF 152 PRICE	LN	SE		VA 24 ** Included					1	DEFAUL	Т	\$4	1,00 \$26,00	0 - 60 -	N		Υ			Υ	Υ						2022 ACAM
1 DEF 153 PRICE	LN	SE	COPPER HILL	VA 24I**Iincluded						DEFAUL	т	\$5	1,00 \$0 - \$1	0.(65 -	N		Υ			Υ	Υ						2022 ACAM

ow					CTC CTC (Rem Remaini	in Housin		3% Unser ved AUT	SU RV EY RE SURV TU EY RN QUAL ED IFIED C? ?	Int er ne		nco ne Home	AG F	fil 4 n re ar e th	bitizens ber on 77 but ot sally vailabl to lesee Citizens ADSL s 10/1.5	Citizens ADSL 50/10 shows on 477 but not really availabl e to these address es	Citiz ens 1.5	Sate	TDS	here LLC FIXED WIREL ESS shows	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Ver Centu zon ry AD Link SL ADSL 3/0, 10/1 768	Com cast . 987/ Co	x Comm 00/35	
582 DEF 109 QUIET		NE	CHECK	VA 24 **Included										Y	Υ	Υ			Υ	Y 15/3					2022 ACAM
583 DEF 117 QUIET		NE	CHECK	VA 24 **Included							-	\$21,00 \$36,000			Υ	Υ			Υ	Y 15/3					2022 ACAM
584 DEF 187 QUIET		NE	CHECK	VA 24 **Iincluded								\$46,00 \$36,000			Υ	Υ		Υ	Υ	Y 15/3					2022 ACAM
585 DEF 198 QUIET	DR N	NE	CHECK	VA 24 ** lincluded							3	\$41,00 \$16,000	- 18 - N	۷ Y	Y	Υ		Υ	Υ	Y 15/3					2022 ACAM
586 DEF <b>339</b> QUIET	DR N	NE	CHECK	VA 24 ** lincluded		FAIR-F	50586		YES	YE DS	SL S	\$51,00 \$51,000	- 70 - N	V Y	Υ	Y		Υ	Υ	Y 15/3				:	2022 ACAM
587 DEF <b>472</b> QUIET	DR N	NE	CHECK	VA 24 **(included		FAIR-F	51130		YES	YE DS	SL S	551,00 \$21,000	- 60 - N	V Y	Y	Υ		Υ	Y	Y 15/3				:	2022 ACAM
588 def 148 RAVEN	LN N	NE	COPPER HILL	VA 24 ** Included					DEFA	ULT				Y	Υ	Υ		Υ	Υ	Y 15/3		Υ			2022 ACAM
589 def 150 RAVEN		NE	COPPER HILL	VA 24 ** Included					DEFA	ULT	QUA S	\$26,00 \$21,000	- 40 - N	V Y	Y	Υ		Υ	Υ	Y 15/3		Y		:	2022 ACAM
90 def 154 RAVEN		NE	COPPER HILL	VA 241**Iincluded					DEFA		-	\$26,00 \$36,000		_	Υ	Υ		Υ	Υ	Y 15/3		Υ			2022 ACAM
91 DEF 153 REED	CEMETERY F		FLOYD	VA 24VATincluded					DEFA			\$41,000 - \$45,0			Y	Υ		Υ	Υ	Y 15/3					
592 DEF 153 REED	CEMETERY F		FLOYD	VA 24VATincluded					DEFA			\$41,000 - \$45,0			Y	Υ		Υ	Υ	Y 15/3					
93 DEF 262 REED	CEMETERY F		FLOYD	VA 24VATincluded		FAIR	83032		DEFA			36,00 \$46,000			Y	Υ			Υ	Y 15/3					
594 DEF 263 REED	CEMETERY F		FLOYD	VA 24VATincluded					DEFA			551,00 \$41,000			Y	Y		Υ	Y	Y 15/3					
95 DEF 105 REEDS	MEADOW L		FLOYD	VA 24VATincluded					DEFA			551,00 \$21,000				Υ		Υ	Υ	Y 15/3					
96 DEF 145 REEDS		N NW	FLOYD	VA 24VATincluded					DEFA		3	\$51,00 \$11,000	- 50 - N	1 Y	Y	Υ		Υ	Y	Y 15/3					
97 DEF 102 RHYTHM 98 DEF 311 RIGGINS		RD NW	FLOYD	VA 24 **I included					DEFA			256 00 626 000	100.	, v	Y			Y	Y	14.45.00					
99 DEF 414 RIGGINS		W.	WILLIS	VA 24 privincluded VA 24 privincluded					DEFA DEFA			\$56,00 \$36,000 \$51,00 \$46,000		_	Y				Y	Y 15/3 Y 15/3					
00 DEF 129 RISING		NE NE	FLOYD	VA 24 princluded		FAIR	57678	DEE	AULT	ULI		351,00 \$46,000 356,00 \$46,000			Y				Y	Y 15/3					2022 ACAM
01 DEF 148 RISING		VE.	FLOYD	VA 24 **Iincluded		FAIR	158902		AYES	YE DS		\$46,00 \$46,000		_	Y				Y						2022 ACAM 2022 ACAM
02 def 392 RIVER		RD NW	RINER	VA 24 included				DLI	DEFA		JE ,	540,00 540,000	40-1	`	'		Υ		Y	Y 25/3				- '	2022 ACAIVI
03 def 804 RIVER		RD NW	RINER	VA 24 included		FAIR	74888		DEFA								Y		Y	Y 25/3					
04 DEF 114 ROCKY		N SE	FLOYD	VA 24 **IIncluded		174114	14000		DEFAUL		QUA	\$16,00 \$21,000	- 60 - N	N I	Υ			Υ	Υ						
05 DEF 134 ROCKY	CREEK L	N SE	FLOYD	VA 24 **Included		FAIR	46969		DEFAUL	Т	-	\$21,00 \$26,000			Υ			Υ	Υ						
506 DEF 159 ROCKY	CREEK L	.N SE	FLOYD	VA 24 **IIncluded					DEFA	ULT				Y	Y			Υ	Υ						
507 DEF 197 ROCKY	CREEK L	.N SE	FLOYD	VA 24 **IIncluded					DEFA	ULT	QUA S	\$26,00 \$11,000	- 65+ N	۷ Y	Y			Υ	Υ						
508 DEF 150 RORRER	RD S	w	FLOYD	VA 24 **Included				DEFAUL	T DEFAUL	Т	QUA S	36,00 \$26,000	- 60 - N	V Y	Υ			Υ	Υ						
09 DEF 160 RORRER	RD S	w	FLOYD	VA 24 **Included				DEF	AUL®EFAUL	Т				Υ	Y			Υ	Υ						
10 DEF 192 RORRER	RD S	w	FLOYD	VA 24 **IIncluded				DEFAUL	T DEFAUL	Т	QUA	36,00 \$26,000	- 55 - N	1 Y	Υ			Υ	Υ						
11 DEF 194 RORRER		w	FLOYD	VA 24 **Included					AUL®EFAUL					Y	Υ			Υ	Υ						
12 DEF 209 RORRER		w	FLOYD	VA 24 **Included					T YES EFAUL		-	36,00 \$41,000			Υ			Υ	Y						
13 DEF 212 RORRER		w	FLOYD	VA 24 **Included					AUL DEFAUL		-	\$26,00 \$21,000		_	Υ			Y	Y						
514 DEF 214 RORRER		w	FLOYD	VA 24 **Included					AUL®EFAUL		QUA	\$21,00 \$21,000	- 55 - N	V Y	Y			Y	Y						
515 DEF 222 RORRER 516 DEF 224 RORRER		SW SW	FLOYD	VA 24 **Included					T DEFAUL		OUTAL	21 00 524 000	475. *	, Y	Y			Y	Y						
516 DEF 224 RORRER 517 DEF 253 RORRER		w	FLOYD FLOYD	VA 24 **Included VA 24 **Included					AULTDEFAUL AULT DEFA		-	321,00 \$36,000 321,00 \$26,000			Y			Y	T						
18 DEF 256 RORRER		w	FLOYD	VA 24 **Included					AULT DEFA		QUALI	221,00 \$20,000	- 50 - P	, r	v			Y	Y						
19 DEF 288 RORRER		w	FLOYD	VA 24 **Included		FAIR 7	82F+04		T DEFAUL		POSS	51,00 \$31,000	- 35 - X	Y Y	Y			Y	Y						
20 DEF 301 RORRER		SW	FLOYD	VA 24 **Included		/		DEFAUL			_	551,00 \$41,000			Y			Y	Υ						
21 DEF 316 RORRER		w	FLOYD	VA 24 ** Included				DEFAUL	YES EFAUL			\$41,00 \$41,000		_	Υ				Υ						
22 DEF 301 RUSSELL		iΕ	FLOYD	VA 24 **Included					DEFA		5	\$46,00 \$46,000	- 60 - N	V	Υ				Υ						2022 ACAM
23 DEF 508 RUSSELL		iE	FLOYD	VA 24 **Iincluded					DEFA	ULT					Y			Y	Y						2022 ACAM
24 DEF 137 SILVER		.N	PILOT	VA 24 **Included											Y				Y	Y 15/3					2022 ACAM
25 DEF 144 SILVER		.N SW	PILOT	VA 24 **Included					555	. n . <del>.</del>	OTTA	200 00 611 022	25	J	Y	V			Y	Y 15/3	V 00:5				2022 ACAM
26 DEF 113 SLATEMONT 27 DEF 149 SLATEMONT		w		F VA 24 **Included					DEFA		-	226,00 \$11,000		_	Y	Y			Y		Y 30/5				2022 ACAM
				FVA 24 **lincluded FVA 24 **lincluded					DEFA DEFA		QUALS	\$21,00 \$51,000	- 18 - N	١	Y	Y			Y		Y 30/5 Y 30/5				2022 ACAM
28 DEF 151 SLATEMONT 29 DEF 191 SLATEMONT		w		F VA 24 **Included					DEFA						V	Y			Y		Y 30/5				2022 ACAM 2022 ACAM
30 DEF 194 SLATEMONT		w		F VA 24 **Iincluded					DEFA		OUA	\$26,00 \$21,000	-65 - N	J	Y	v		Y	T V		Y 30/5				2022 ACAM 2022 ACAM
31 DEF 444 SLAUGHTER		D NW		EVA 24 included				DEFAUL		021	QUAL	20,00 \$21,000	- 05 - 1	`	Y	-			Y	Υ	Y 15/3				LUZZ ACAIVI
JENOGITIEN	····	N NW	FLOYD	VA 24 **Iincluded				SLIAGE	DEFA			\$46,00 \$41,000						Y			. 13/3				

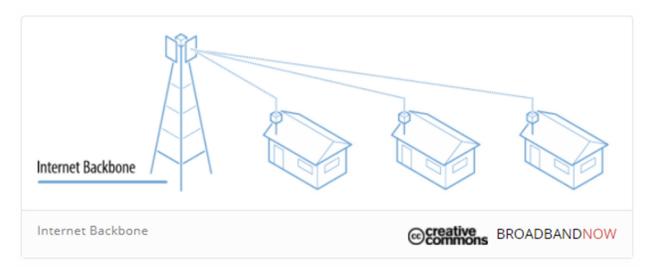
ow					FOOTAGE	CTC CTC (Rem Remainin	Housing Data	3% Unser	SU RV PY	C ur re nt lint er Ma ne et ut Dip	Inco	Ai Home E	G Kid	Citizens fiber on 477 but not really availabl e to these address es	Citizens ADSL	e to these		Sate ite TD	here LLC FIXED WIREL ESS shows on 477 but if coded green	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Veri Centu zon ry AD Link SL ADSL 3/0. 10/1 768	Com cast 987/ Cox 0 35 1000	
def 284		GRANT	LN NW	FLOYD	VA 24 **Iincluded		_		DEFAULT						Υ		Y	Y					
634 def 618		GRANT	LN NW	-	VA 24 **Included				DEFAULT			\$36,000-\$30			Υ		Y						
def 752		GRANT	LN NW		VA 24 **Iincluded				yes DEFAULU		A \$36,00	\$71,000 - 55	5 - N		Υ		Y		Y 15/3			Y	
	SMITH	WALKER	RD NW		VA 24 **Included				ILT DEFAULT		1 626 00	624 000 444	0 27	Y	Y	Y	Υ .		Y 15/3				
	SMITH SMITH	WALKER	RD NW		VA 24 **Included VA 24 **Included				DEFAULT DEFAULT	QU	A. \$36,00	\$36,000-\$60	0 - N	Y	Y	Y	Y		Y 15/3 Y 15/3				
	SMITH	WALKER	RD NW		VA 24 **lincluded				DEFAULT		\$51.00	\$51,000 - 40	0 - N	v	v	v	Y		Y 15/3				
	SONS	DR	NW	RINER	VA 24 **Iincluded			DEFAU				\$41,000 - 35			Y	Y	,		Y 25/3				
	SONS	DR	NW	RINER	VA 24 **Iincluded			DEFAU		OU		\$21,000 - 55			Y	Y	Υ		Y 25/3				
	SONS	DR	NW	RINER	VA 24 **Iincluded			DEFAL				\$46,000 - 45			Υ	Y	Y		Y 25/3				
	SONS	DR	NW	RINER	VA 24 **(included			DEFAU				\$26,000 - 65			Υ	Υ	١	Y	Y 25/3				
	SONS	DR	NW	RINER	VA 24 **Iincluded			DEFAU							Υ		١	Y	Y 25/3				
	SONS	DR	NW	RINER	VA 24 **lincluded			DEFA	'ES	DSL	\$41,00	\$26,000 - 35	5 - N		Υ	Υ	Y	Y	Y 25/3				
	SONS	DR	NW	RINER	VA 24 **Iincluded			DEFAL	ILT	QU		\$21,000 - 50			Υ	Υ	١	Y	Y 25/3				
	SONS	DR	NW	RINER	VA 24 **Iincluded			DEFAL			\$56,00	\$21,000 - 25	5 - N		Υ		Y		Y 25/3				
	SWEETWATER	WAY	SW	FLOYD	VA 24 **Included		FAIR 89987	DEFAL						Υ	Υ	Υ	١			Y 30/5			2022 ACAM
	SWEETWATER	WAY	SW	FLOYD	VA 24 **Iincluded			DEFAL						Υ	Υ	Υ	١			Y 30/5			2022 ACAM
	TEABERRY	LN	NW	RINER	VA 24 **PRIVATE RD	)		DEFA			051.00	046,000 74	5 . N		Υ		١		Y 15/3				
	TEABERRY	LN LN	NW	RINER	VA 24 **Iincluded VA 24 **Iincluded			DEFA		DSL	\$51,00	\$46,000 - 75	5+ N		Y	Υ	)		Y 15/3 Y 15/3				
	TEABERRY	LN	NW	RINER	VA 24 **Iincluded			DEFAU			A \$21.00	\$36,000-565	5± N		Y	Υ	1		Y 15/3				
	TEABERRY	LN	NW	RINER	VA 24 **Iincluded			DEFAL		_		0 - \$40,00 35			Y	1	,		Y 15/3				
	TEABERRY	LN	NW	RINER	VA 24 **lincluded			DEFAU		QU	11. 950,00	0 - 940,00 5.	J - 14		Y		,		Y 15/3				
	TEABERRY	LN	NW	RINER	VA 24 ** I included			DEFAU							Υ		١		Y 15/3				
	TURTLE	ROCK	DR	FLOYD	VA 24 **Included			DEFAL							Υ		١						2022 ACAM
	TURTLE	ROCK	DR	FLOYD	VA 24 **Included		FAIR-F 52935			O.Y.		\$21,000 - 60			Y		\ \ \						2022 ACAM
	TURTLE	ROCK	RD	FLOYD	VA 24 ** Included			DEFAL	ILI	QU		\$21,000 - 25 \$41,000 - 18			Y		Y		V 15/2		Y		2022 ACAM
50 DEF 8960 51 DEF 8987		DR DR	SE SE	COPPER HILL							\$30,00	\$41,000 - 18	8 - IN				YY		Y 15/3 Y 15/3		Y		
52 DEF 9020		DR	SE		VA 241 **Fincluded												Y		Y 15/3		Y		
3 DEF 7630		СТ	NE		L VA 24 **Included			DEFAU	II Т	OU	A \$26.00	\$16,000 - 35	5 - N	Υ	Υ	Υ	,		Y 15/3		Y		2022 ACAM
64 DEF 7635		СТ	NE		L VA 24 ** Included			DEFAU		_		\$16,000 - 35			Y	Y	Y		Y 15/3		Y		2022 ACAM
5 DEF 7641		СТ	NE		L VA 24 ** Included			DEFAU				\$31,000 - 55		Υ	Υ	Υ	Y	Y	Y 15/3		Y		2022 ACAM
6 DEF 7651	VIKING	СТ	NE	COPPER HIL	L VA 24 ** Included			DEFAU	ПΤ	OU	A \$26.00	\$21,000 - 45	5 - N	Υ	Υ	Υ	Υ.	, <sub>Y</sub>	Y 15/3		Y		2022 ACAM
										ì													
7 DEF 115		CT	NE	CHECK	VA 24 **Included			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ES			\$21,000 - 30			Y	Y	١		Y 15/3				2022 ACAM
8 DEF 119		СТ	NE NE	CHECK	VA 24 **Included							\$36,000-\$50 \$36,000-\$65			Y	Y Y	)		Y 15/3 Y 15/3				2022 ACAM 2022 ACAM
9 DEF 128 0 DEF 134		CT	NE	CHECK	VA 24 **Iincluded VA 24 **Iincluded					QU	A. \$30,00	\$50,000-16:	) - Y		v	Y	)		Y 15/3				2022 ACAM 2022 ACAM
1 DEF 140		CT	NE	CHECK	VA 24 **lincluded					OU	A \$26.00	\$16,000 - 45	5 - N		Y	Y	)		Y 15/3 Y 15/3				2022 ACAM 2022 ACAM
	WALNUT	СТ	NE	CHECK	VA 24 **lincluded							\$21,000 - 75				Y	,		Y 15/3				2022 ACAM 2022 ACAM
'3 DEF 244		СТ	NE	CHECK	VA 24 **lincluded				ÆS.	_		\$21,000 - 60				Y	Y		Y 15/3				2022 ACAM
										ì													
	WEDDLE	CREEK	RD NW	-	VA 24 **Included		FAIR-F 45942				0	041.000	0 27	Y	Y	Υ	Y						
	WEDDLE	LN	SE	FLOYD	VA 24 ** Included				LT DEFAULT			\$41,000 - 50			Y		Y						
	WEDDLE	LN	SE SE	FLOYD	VA 24 **Included				LT DEFAULT	_		\$26,000 - 40			Y		)						
	WEDDLE WENDI	PATE	TRL	FLOYD FLOYD	VA 24 **Included VA 24 **Included			DEFAL	DEFAULT DEFAULT			\$26,000 - 65 \$41,000 - 75			v		Y						2022 ACAM
	WENDI	PATE	TRL	FLOYD	VA 24 **Included				DEFAULT			\$41,000 - 75			Y		1						2022 ACAM 2022 ACAM
	WENDI	PATE	TRL	FLOYD	VA 24 **Iincluded				DEFAULT	_ `	2 x 921,00	ψ <del>-</del> 1,000 - /.	J - 14		Y		,	, v					2022 ACAM 2022 ACAM
1 DEF 172		MTN	RD	WILLIS	VA 24 **Included				DEFAULT					Υ	Y	Υ	\ \	' Y		Y 30/5			2022 ACAM 2022 ACAM
2 DEF 130		BRICK	RD NW		VA 24 **Fincluded				DEFAULT						Υ		,		Y 15/3				

Row							FOOT	AGE C	TC CTC { Rem Remaini	n Housi	ing Data	3% Unser ved A	TU E' RN Q ED IF	UAL	C ur re nt Int er M. ne et	Inco	Home E		Citizens fiber on 477 but not really availabl e to these address es	Citizens ADSL 10/1.5	e to these		Sate Ilite		WIREL ESS shows on 477 but if	Fastlink Comm FIXED WIREL ESS shows on 477 but if coded green forest cover likely	Centu zery Al Link SI ADSL 3/ 10/1 76	on Com cast 0. 987/	Cox Comm 1000/35	
683 DE	153	YELLOW	BRICK	RD N	ıw	FLOYD	VA 24 **Finclu	ded					YES D	EFAUL	T DSL					Y			Y	Υ	Y 15/3					
		YELLOW	BRICK	RD N			VA 24 **Finclu							EFAUL										Υ						
60E E DI	102	ALDERMAN	DR	SE		FLOYD	VA 24 **linclu								0	TA   \$21.0	0 \$21,000 - 2	e N		v	v		v	v						
		ALDERMAN	DR	SE		FLOYD	VA 24 **linclu										0 \$36,000-5			Y	Y			Y						
687 F_DI			RD	SE		FLOYD	VA 24 **Iinclu										0 \$36,000-56			Y			Υ	Y						2022 ACAM
688 F_DI			LN	SE		FLOYD	VA 24 **linclu								<u> </u>		0 \$41,000 - 7													2022 ACAM
689 <mark>:F_D</mark> I			LN	NW	П	INDIAN VALLEY	VA 24 **Finclu	ded							Q	JA \$21,0	0 \$21,000 - 1	8 - N		Υ			Υ	Υ	Y 15/3	Y 30/5				
690 <mark>F_DI</mark>			LN	NW			VA 24 **Finclu	ded												Υ			Υ	Υ	Y 15/3	Y 30/5				
		CHESTNUT	CREEK			WILLIS	VA 24 400		500 \$1,30 3,50 \$9,100.0	X									Υ	Υ			Υ							
692 F_DI			LN	NW		WILLIS	VA 24 **Finclu	_								14 016 0	0.611.000	5 N		Y	Y				Y 15/3					
693 F_DI		DALE ELIZABETH	LN	NW SE		WILLIS FLOYD	VA 24 **Finclu								Q		0 \$11,000 - 2			Y	Υ			Y	Y 15/3					2022 4044
695 <b>:F_DI</b>			LN RIDGE	RD		FLOYD	VA 24 **Iinclu			FAIR	85309						0 \$71,000 - 6 0 \$26,000 - 3			T V	Y		Y	۱ ۷						2022 ACAM 2022 ACAM
696 F_DI			RIDGE	RD		FLOYD	VA 24 **linclu			FAIR	85309						0 \$26,000 - 5			Y	Y		Y	Y						2022 ACAM 2022 ACAM
697 :F_DI			RIDGE	RD		FLOYD	VA 24 **Iinclu	_								Ψ11,0	0.020,000	1		Y	Y		Y	Y						2022 ACAM
698 <mark>:F_DI</mark>			RIDGE	RD		FLOYD	VA 24 **linclu			FAIR-F	0									Υ	Υ		Υ	Υ						2022 ACAM
699 <mark>:F_DI</mark>			WHEEL	DR		FLOYD	VA 24 **Iinclu	ded							qu	al \$46,0	0 \$16,000 - 4	5 - Y		Υ	Υ		Υ	Υ						2022 ACAM
700 <mark>:F_DI</mark>	568	GRAHAM	LN	NE		CHECK	VA 24 **Iinclu	ded											Υ	Υ	Υ		Υ	Υ	Y 15/3					2022 ACAM
		GRAHAM	LN	NE		CHECK	VA 24 **Iinclu			POOR	0								Υ	Υ	Υ		Υ	Υ	Y 15/3					2022 ACAM
		GRAHAM	LN	NE		CHECK	VA 24 **Iinclu			FAIR	65820								Υ	Υ	Υ				Y 15/3					2022 ACAM
		GREGGS	LN	NE		CHECK	VA 24 **Iinclu	_									0 \$26,000 - 5			Y	Y				Y 15/3					2022 ACAM
704 :F_DI		GREGGS	LN	NE NE		CHECK	VA 24 **Iinclu	_							Q	JA: \$26,0	0 \$21,000 - 1	8 - N		Y	Υ			Y Y	Y 15/3					2022 ACAM
706 F_DI			CABIN	RD N		RADFORD FLOYD	VA 24 inclu									\$51.0	0 \$36,000-57	S± NI		Y				Y	Y 25/3					2022 ACAM
707 F_DI			CABIN	RD		FLOYD	VA 24 **linclu								0		0 \$11,000 - 4			Y			Y	Y						2022 ACAM
708 :F_DI			CABIN	RD		FLOYD	VA 24 **Iinclu								V	/11. ψ21,0	0,011,000	11		Y			Y	Y						2022 ACAM
709 F_DI			CABIN	RD		FLOYD	VA 24 **Iinclu	_												Υ			Υ	Υ						2022 ACAM
710 F_DI			CABIN	RD	П	FLOYD	VA 24 **Iinclu			FAIR	44370					\$41,0	0 \$21,000 - 4	5 - N		Υ			Υ	Υ						2022 ACAM
711 <mark>F_D</mark> I	226	LITTLE	CABIN	RD		FLOYD	VA 24 **Iinclu	ded												Υ			Υ	Υ						2022 ACAM
712 <mark>F_D</mark> I			LN	NE		CHECK	VA 24 **Iinclu										0 \$51,000 - 6		Υ	Υ	Υ		Υ	Υ	Y 15/3					2022 ACAM
		MARTIN	LN	NE		CHECK	VA 24 **Iinclu										0 \$16,000 - 6		Υ	Υ	Υ		Υ		Y 15/3					2022 ACAM
		MILLIMETER	RD	SW		FLOYD	VA 24 inclu								Q	JA  \$21,0	0 \$11,000 - 7	5+ N	Y	Y	Y			Υ						
715 F_DI		MILLIMETER	RD RD	SW		FLOYD RINER	VA 24 inclu								0	TA   \$24.0	0.816.000	S± NI	Y	Y	Y			Y Y	Y 25/3					
716 F_DI			RD RD	NW		RINER	VA 24 **linclu	_							Q	A. \$20,0	0 \$16,000 - 6	J⊤ IN		Y				Y Y	Y 25/3 Y 25/3					
717 F_DI			RD	NW		RINER	VA 24 **Inclu	_												Y				Ϋ́	Y 25/3 Y 25/3					
719 F_DI			RD	NW		RINER	VA 24 **Iinclu								O	JAI \$36.0	0 \$41,000 - 2	5 - N		Y				Y	Y 25/3					
720 <b>F_D</b>			RD	NW		RINER	VA 24 **Iinclu									,				Υ				Y	Y 25/3					
721 <mark>:F_D</mark> I			RD	NW		RINER	VA 24 **Iinclu								Q	JA \$26,0	0 \$11,000 - 6	0 - N		Υ			Υ	Υ	Y 25/3					
722 <mark>:F_DI</mark>			RD	NE			VA 24 ** Finclu												Υ	Υ	Υ				Y 15/3		Y			
723 <mark>:F_D</mark> I			RD	NE			VA 24 ** Finclu								Q	JA \$16,0	0 \$16,000 - 6	5 - N	Υ	Υ	Υ			Υ	Y 15/3		Y			
724		GRACIE	LN	NW		FLOYD	VA 24 **Iinclu	_								6	0.004.000	0 27		Y			Υ	Y						
725		GRACIE	LN	NW		FLOYD	VA 24 **Inclu			FAIR	70781					\$46,0	0 \$26,000 - 7	0 - N		Y			Y	Y						
726 727		GRACIE GRACIE	LN	NW		FLOYD FLOYD	VA 24 **Iinclu						YES	VE	S DSL	\$56.0	0 \$21,000 - 4	5 _ NI		T V			Y	Y						
728	233	CIMCIL	LIN	14 00		12010	VA 24 IIICIU	ueu					ILS	16	.J J3L	\$30,0	u \$21,000 - 4.	J - IN		•										
729																														
730														3	882 resid	ences, 8 i	nc businesse	s		at 10/1 o	r below									
731																				196 resid		3	Busin	esses (	no stand	alone)				
732																														

### Fixed Wireless Internet Options in the Floyd County Project Area

### By Lydeana Martin, MBA, AICP

Fixed wireless internet provides "last mile" internet access through broadcast of data across radio or microwave spectrums. Because it does not require "last mile" cable, it can be less expensive to deliver. It is also generally more stable than satellite internet as the transmitter is usually 10-30 miles away instead of hundreds of miles away. Fixed wireless delivers last mile via transmitters that require line of site to the structure to be served. It is especially well-suited for some rural areas, where sufficient housing density is lacking and land is flat and largely open. Even then, severe storms can reduce download and upload speeds, called "rain fade" (Broadbandnow.com/fixed-wireless).



The main obstacles to line of site are mountains, hills, structures and trees. Some new high-speed, high-efficiency fixed wireless technologies can offers speeds comparable to fiber-to-the-premises and "near line of site" technologies, but these are generally deployed only in urban areas.

(<a href="https://www.designworldonline.com/the-challenges-of-rural-broadband-is-fixed-wireless-the-solution/">https://www.designworldonline.com/the-challenges-of-rural-broadband-is-fixed-wireless-the-solution/</a>)

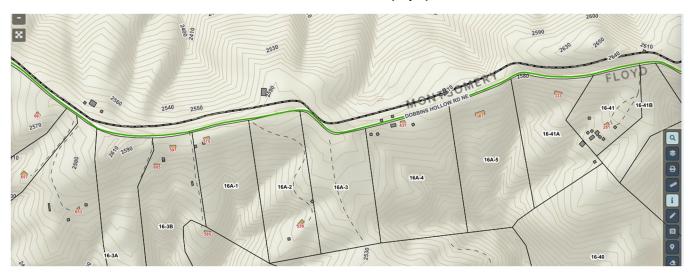
### **Providers in Floyd County**

According to the Federal Communication Commission's (FCC) searchable database of 477 filings, Virginia Everywhere (All Points) and Fastlink Communications, Inc. (Fastlink) offer basic fixed wireless services in portions of Floyd County. According to the site, Fastlink offers 30/5 while some of Virginia Everywhere's offerings are 15/3 and some are 25/3 (https://broadbandmap.fcc.gov/). Only those listed at 25/3 and above (30/5) are addressed here as anything less is considered unserved.

One limitation of the FCC reporting process is that if a provider offers a service to one household in a Census block, it generally shows as serving that entire Census block, dramatically overstating offerings. This is the case with Citizens Telephone Cooperative, too. Though they do not have any fiber services in the "3% unserved" area, the FCC shows that they do serve some of those addresses because they serve someone else in the neighborhood. While this Census block approach may make sense in dense urban and suburban neighborhoods, it is not helpful in rural places where houses can be a mile or more apart.

So Fastlink and Virginia Everywhere may not even offer service to some of the addresses listed for them. Where they are able to offer service, the actual speeds may be less than listed on the FCC site. For example, the FCC site indicates that Virginia Everywhere offers 25/3 service in the Pilot/Riner area of Floyd County, along Barker Lane, Dobbins Hollow, Laurel Ridge, and Otey. A call to Virginia Everywhere's technical support line (entity is actually All Points' technical support) on Friday, September 9, 2021, demonstrates the difficulty. When asked if they could provide 25/3 service along Dobbins Hollow and vicinity, the technical support person said they would have to send someone out to do an assessment at the house. When asked if they have any customer in that vicinity getting 25/3, he said it looks more like it's "in the 10 range." Beyond the FCC reporting weakness, another culprit could be the topography and tree cover. As shown in the two images below with 10 ft contours, Dobbins Hollow Rd runs along the ridge top. On one side is more suburban Montgomery County (215 people per square mile) and on the other is Floyd County (36 people per square mile.) Houses tend to be 20-50 ft below the ridge top (typical, see Otey example, too) and thus blocked from line of site from the Montgomery County side.

## **Dobbins Hollow Road Area (topo)**



According to the Floyd County Comprehensive Plan (2012), the County is 243,981 acres and 59% of that is forested. The Riner/Pilot area is no exception. The image below shows that many of the houses along Dobbins Hollow Rd (see also Otey Rd below) have trees on multiple sides. It takes only one tree in the line of site to reduce or eliminate the fixed wireless signal. So it makes sense that fixed wireless service in the area would be generally limited to 10 MB if any.

## **Dobbins Hollow Road Area (tree cover)**



**Otey Road Area (topo and tree cover)** 





But these are not unusual cases in Floyd County. The county is known for its trees and rugged terrain. Topography alone reduces the likelihood of full fixed wireless speeds by half. Tree cover reduces it further. In the case of Dobbins Hollow it appears to reduce it another 50%; for Otey Rd, it likely reduces

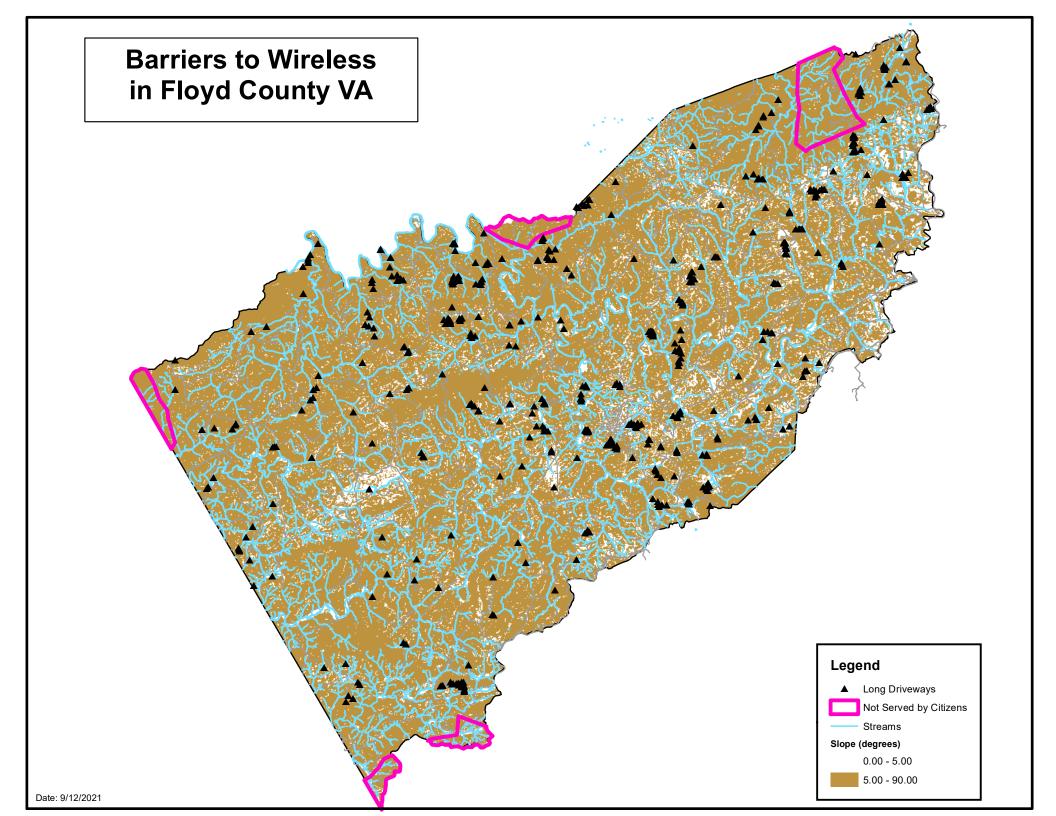
another 80% beyond topography. So mathematically, of the 13 houses on Dobbins Hollow Rd in Riner/Pilot, half would be likely to have line of site after controlling for topography. Based on tree cover, that is likely cut in half again such that only 3.25 are expected to have full line of site. Of the 9 addresses on Otey, 4.5 may have line of site after topography, and that is reduced another 80% by tree cover such that only 1 is expected to half full line of site.

Below is a visual inventory of all of the other roads listed as served by fixed wireless in Floyd County. An estimate of tree cover is included parenthetically beside the road name header.

#### Summary

The follow page contains a table showing the streets listed with 25/3 or 30/5 fixed wirelesss service, how many addresses are listed on that street and what fixed wireless provider and speed is listed. It then adjusts that number of addresses downward based on topography (50% reduction) and tree cover (varies based on aerial/visual survey below). There were 153 addresses listed on the FCC site with at least 25/3 service, but our best estimation is 28 total (19 by Virginia Everywhere) and 9 by Fastlink Communications.

See also the map on the next page showing the areas of Floyd County with 5% or greater slope. It is virtually the entire County including the 3% Unserved areas, thus the 50% reduction for topography.



## FCC Listed Speed

				•	Estimated			Fall water of	Estimate of addresses
					addresses			Estimate of	actually served
					after line of		0/	Number of	by Fastlink with
	Number of				site	_	% estimate	Addresses	at least 25/3
	Addresses				reduction of		with Line of	•	(added 25% back
<b>6</b> : .	Listed as		Virginia		50% for	Cover %	Site after	by VE with at	since started
Street	Served	Location	Everywhere		topography	1	tree impact	least 25/3	higher)
Alpine Dr	3	Meadows of Dan		30/5	1.5				0
Alta View Dr	1	Willis		30/5	0.5				0
Barker Lane	3	Riner	25/3		1.5			0	
Berry Creek Rd	1	Indian Valley		30/5	0.5	<b>!</b>			0
Berry Hill Rd	6	Riner	25/3		3	60%	40%	1	
Black Ridge RD	2	Floyd		30/5	1	40%	60%		1
Boyd Lane	3	Indian Valley		30/5	1.5	50%	50%		1
Buffalo Mtn	2	Willis		30/5	1	90%	10%		0
Buffalo Vista	4	Willis		30/5	2	90%	10%		0
Charlottes Dr	3	Floyd	25/3		1.5	70%	30%	0	
Cody's Ridge	5	Riner	25/3		2.5	40%	60%	2	
Conner Grove	1	Willis		30/5	0.5	70%	30%		0
Danville Pike	9	Meadows of Dan		30/5	4.5	70%	30%		2
Deer Crossing	4	Riner	25/3		2	50%	50%	1	
Dobbins Hollow	13	Riner & Pilot	25/3		6.5	50%	50%	3	
Dusty Rock	1	Riner	25/3		0.5	50%	50%	0	
Fox Trot	9	Meadows of Dan		30/5	4.5	80%	20%		1
Higgs	1	Willis	25/3		0.5	25%	75%	0	
Horse Ridge	1	Willis	25/3		0.5	30%	70%	0	
Horseshow Ln	4	Riner	25/3		2	50%	50%	1	
Indian Valley Rd	3	Radford	25/3		1.5	90%	10%	0	
Indian Valley PO Ro	1	Willis		30/5	0.5	60%	40%		0
Justice Dr	2	Riner	25/3		1	80%	20%	0	
Last Rd	4	Radford	25/3		2	80%	20%	0	
Laurel Ridge Mill	5	Riner	25/3		2.5	20%	80%	2	

## FCC Listed Speed

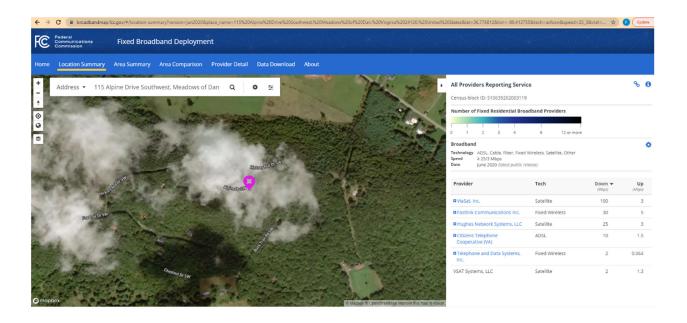
				-  -					Estimate of
					Estimated				addresses
					addresses			Estimate of	actually served
					after line of			Number of	by Fastlink with
	Number of				site		% estimate	Addresses	at least 25/3
	Addresses				reduction of	Tree	with Line of	actually served	(added 25% back
	Listed as		Virginia		50% for	Cover %	Site after	by VE with at	since started
Street	Served	Location	Everywhere	Fastlink	topography	estimate	tree impact	least 25/3	higher)
Little River Crossin	4	Riner	25/3		2	70%	30%	1	
Oak View La	5	Riner	25/3		2.5	40%	60%	2	
Otey Rd	9	Riner	25/3		4.5	80%	20%	1	
Pine Lane	3	Meadows of Dan		30/5	1.5	90%	10%		0
River Hill Rd	2	Riner	25/3		1	70%	30%	0	
Short Rd	7	Riner	25/3		3.5	80%	20%	1	
Slatemont Rd	6	Meadows of Dan		30/5	3	70%	30%		1
Slaughter Hill Rd	1	Indian Valley		30/5	0.5	40%	60%		0
Sollie Dr	2	Laurel Fork		30/5	1	70%	30%		0
Sons Drive	10	Riner	25/3		5	70%	30%	2	
Sugar Tree Rd	1	Willis		30/5	0.5	80%	20%		0
Sweetwater Way	3	Floyd		30/5	1.5	80%	20%		0
Telling	1	Willis		30/5	0.5	60%	40%		0
Terry Trail	3	Meadows of Dan		30/5	1.5	70%	30%		1
Turnip Patch	1	Meadows of Dan		30/5	0.5	70%	30%		0
White Oak Grove	2	Riner	25/3		1	50%	50%	1	
Wild Mtn Rd	2	Willis		30/5	1	70%	30%		0
Nominal Total	152	Ect	After tenegra	nhv	76.5	-	-	10	٥

Nominal Total 153 Est. After topography 76.5 19 9

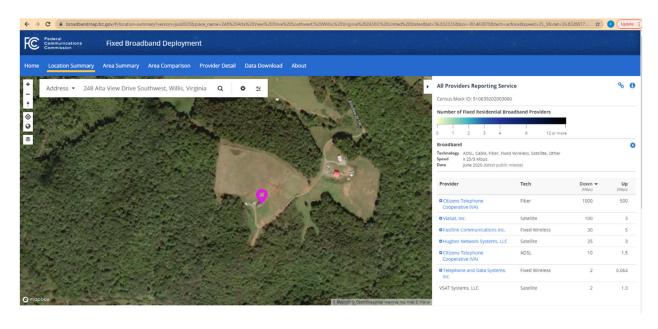
#### **Aerial View Inventory of All Roads in Floyd County**

## that are Listing as Having 25/3 or 30/5 Fixed Wireless Providers on the FCC Site

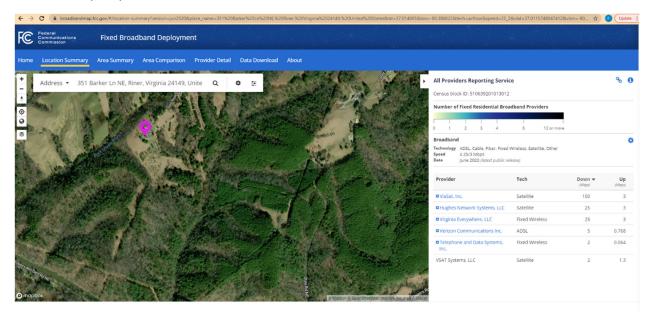
Alpine Drive (80%)



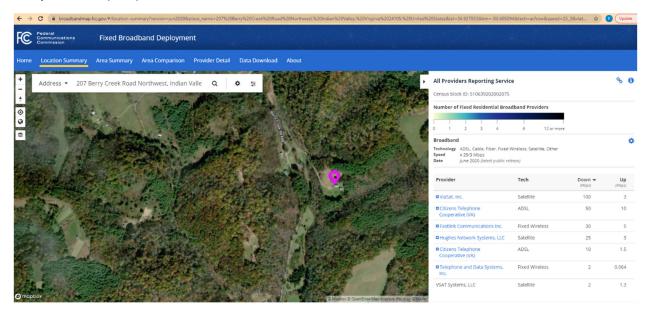
Alta View Dr (70%)



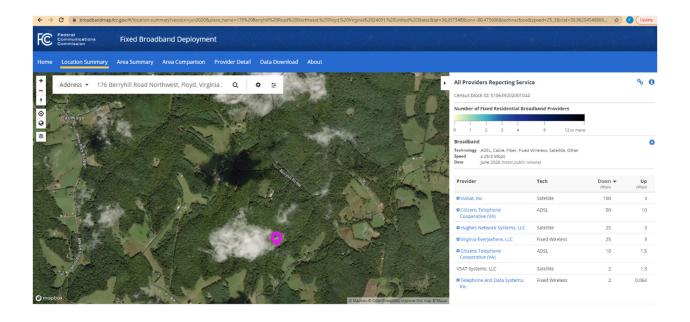
#### Barker Lane (70%)



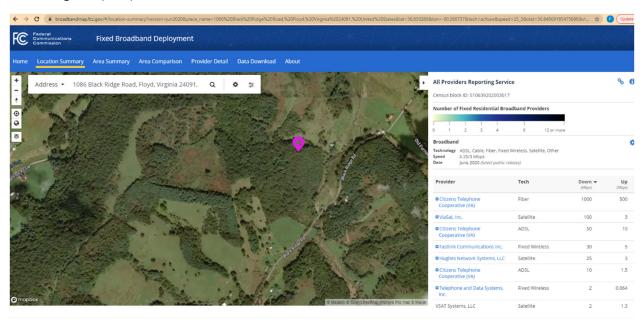
#### Berry Creek Rd (75%)



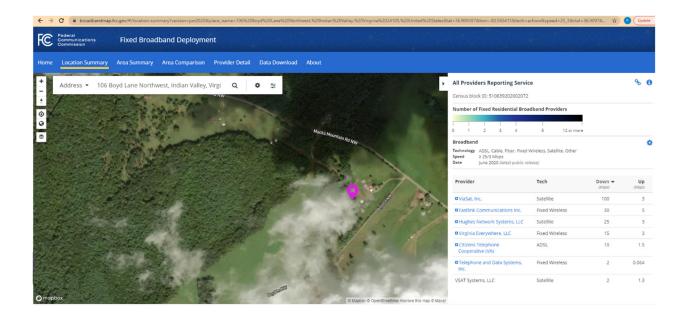
#### Berry Hill Rd (60%)



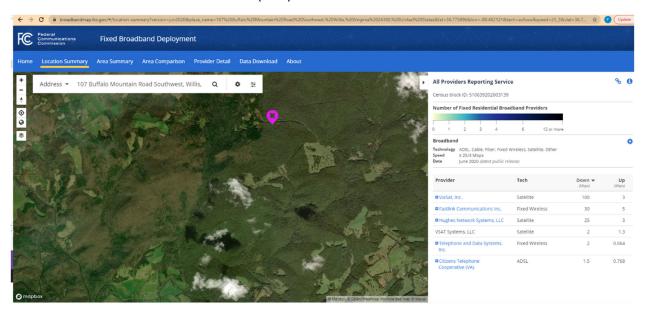
#### Black Ridge Rd (40%)



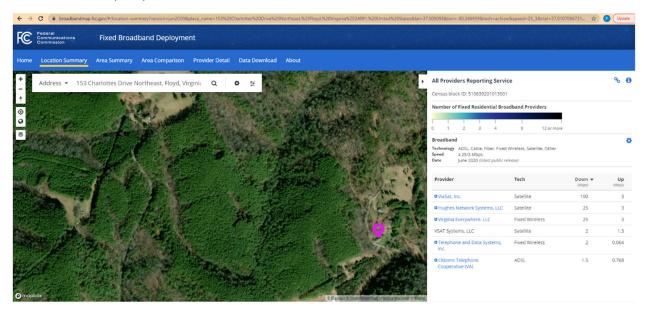
## Boyd Lane (50%)



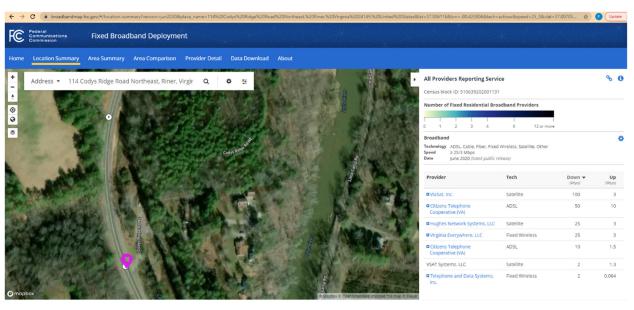
#### Buffalo Mountain Road and Buffalo Vista (90%)



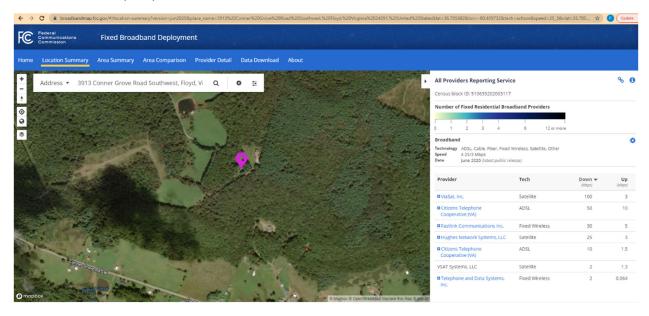
#### Charlottes Drive (70%)



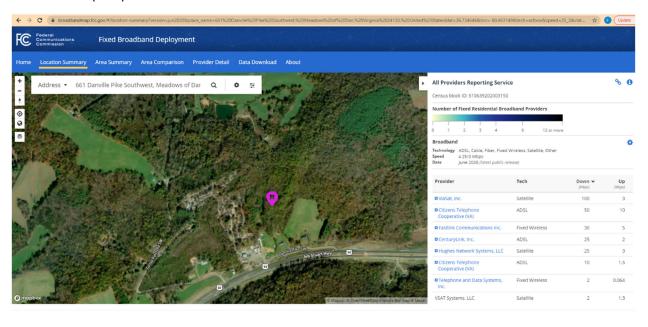
### Cody's Ridge Rd (40%)



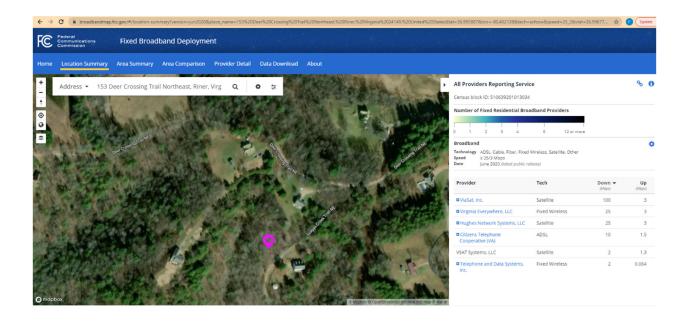
#### Conner Grove Rd (70%)



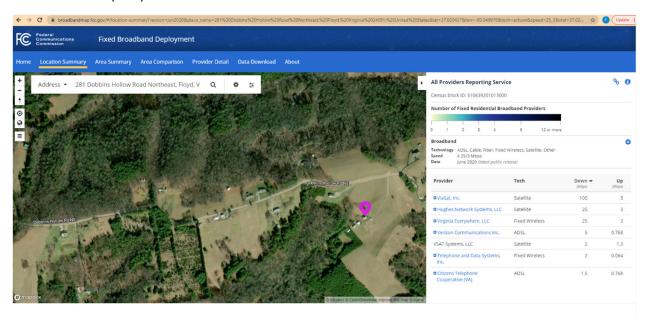
#### Danville Pike (70%)



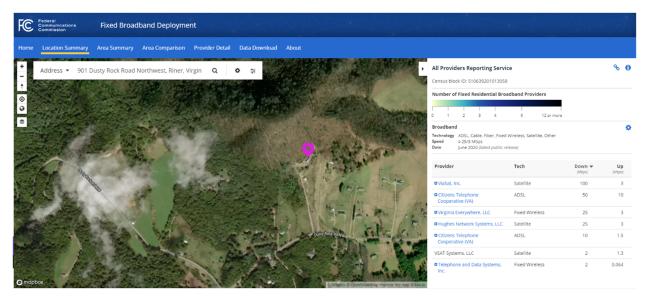
#### Deer Crossing (50%)



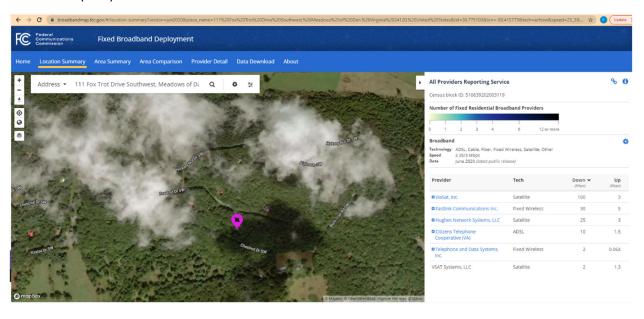
#### Dobbins Hollow (50%)



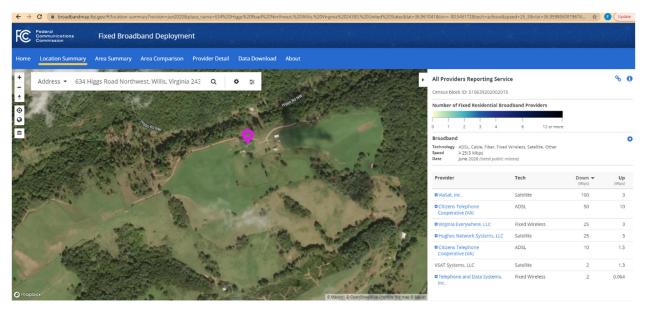
### Dusty Rock Rd (50%)



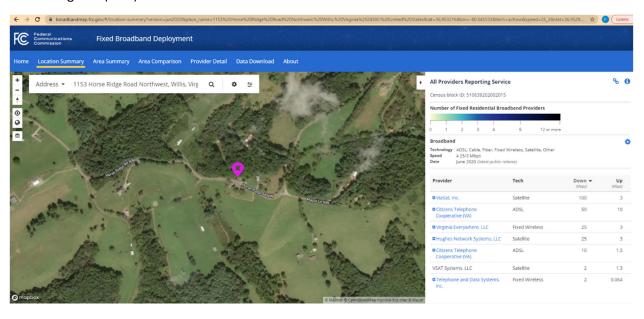
#### Fox Trot Dr (80%)



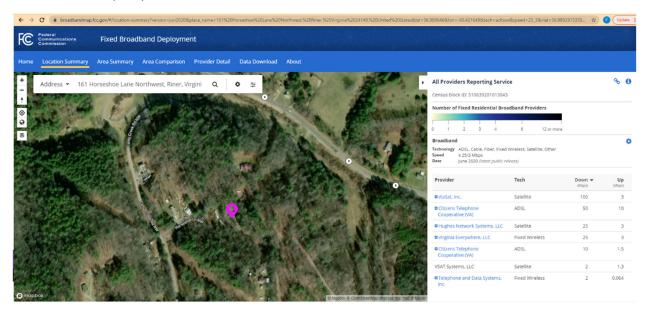
#### Higgs Rd (25%)



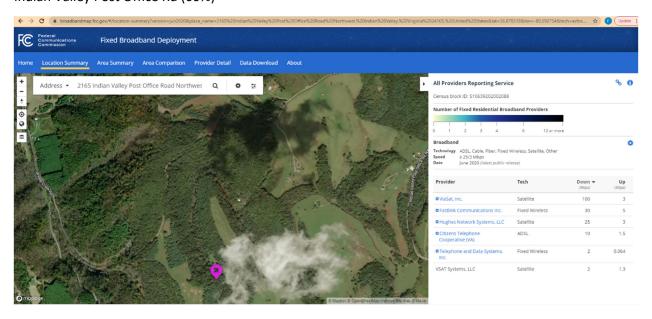
#### Horse Ridge Rd (30%)



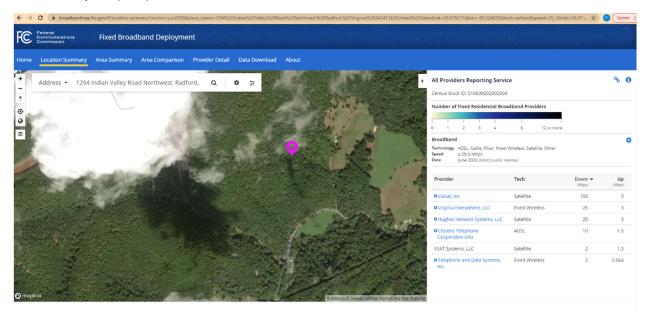
#### Horseshoe Lane (50%)



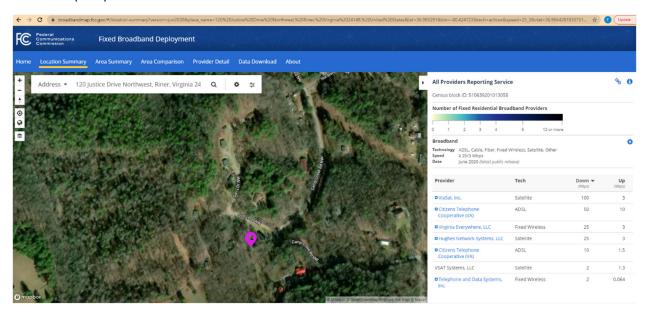
#### Indian Valley Post Office Rd (60%)



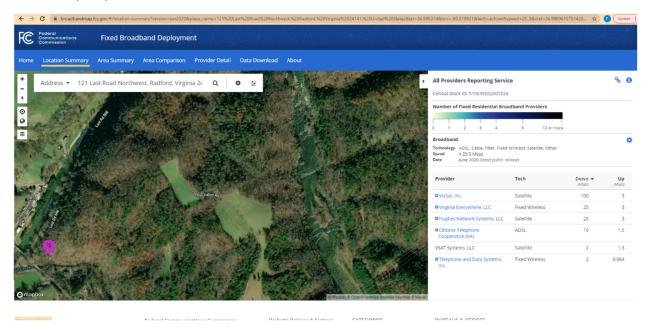
## Indian Valley Rd (90%)



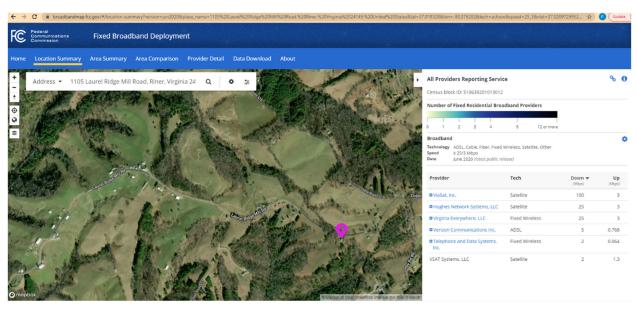
#### Justice Dr (80%)



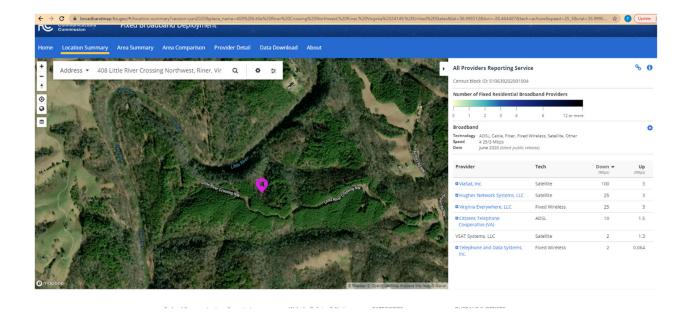
#### Last Road (80%)



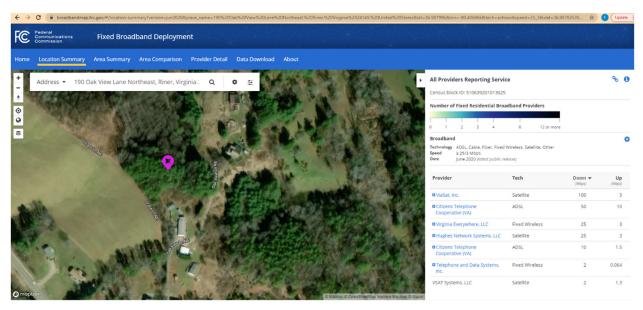
#### Laurel Ridge Mill Rd (20%)



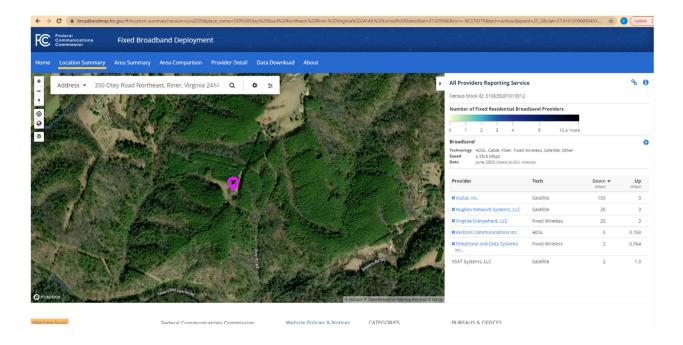
#### Little River Crossing (70%)



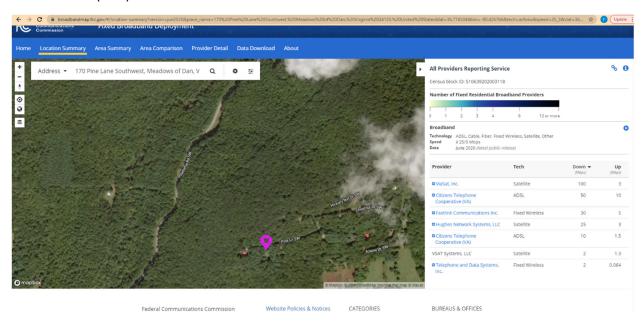
#### Oak View Lane (40%)



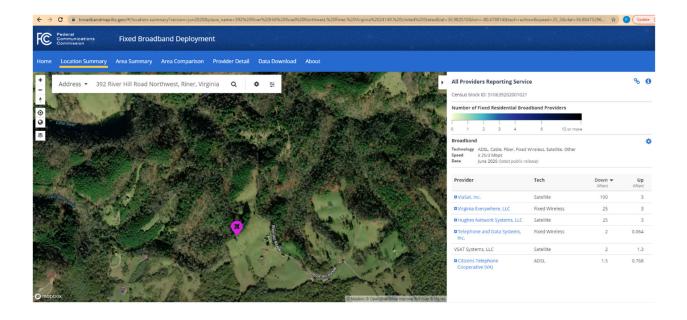
#### Otey Rd (80%)



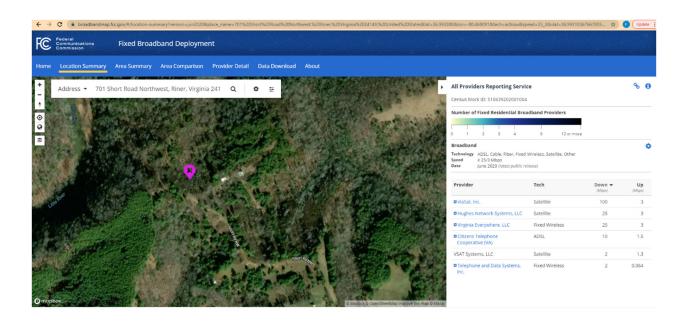
#### Pine Lane SW (90%)



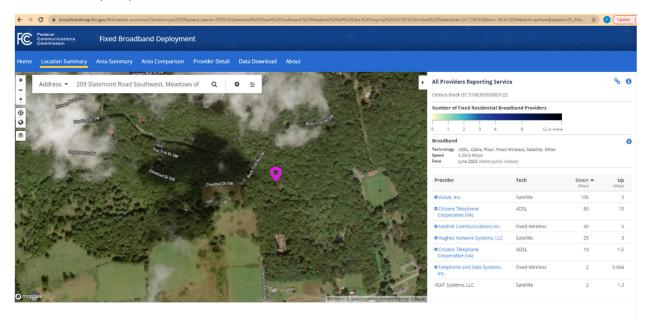
#### River Hill Rd (70%)



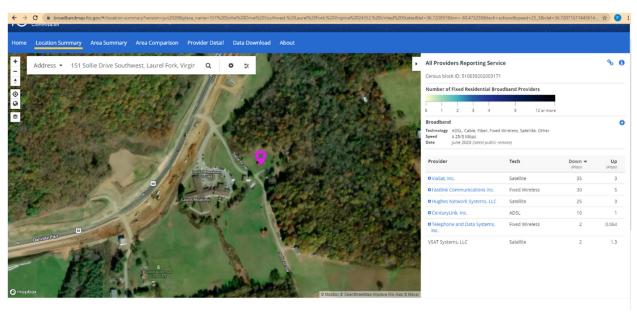
#### Short Rd (80%)



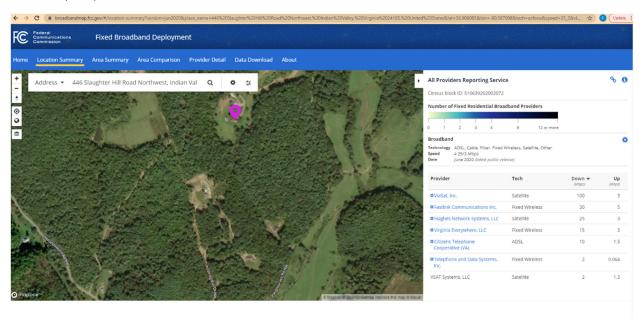
## Slatemont Rd (70%)



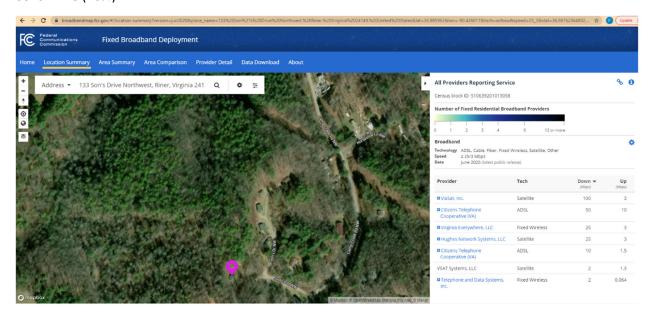
#### Slaughter Hill Rd (40%)



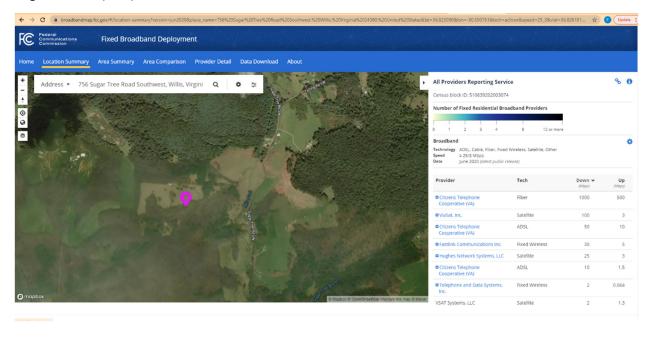
#### Sollie Dr (70%)



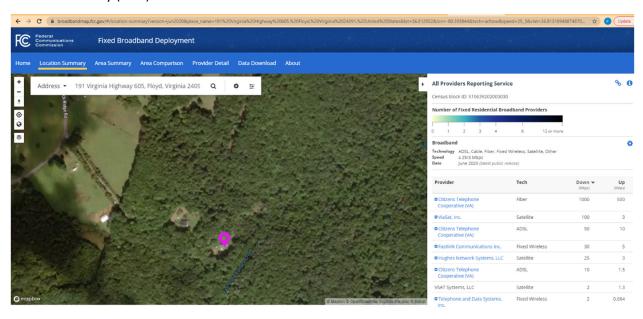
#### Sons Drive (70%)



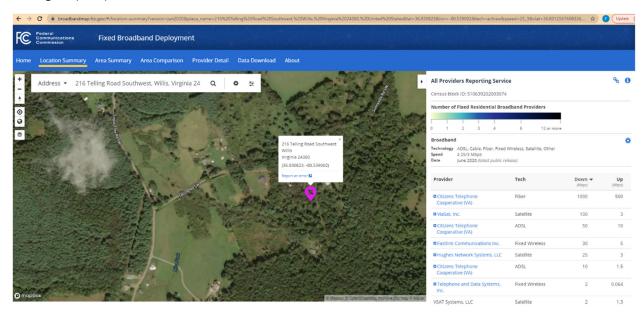
#### Sugar Tree Rd (80%)



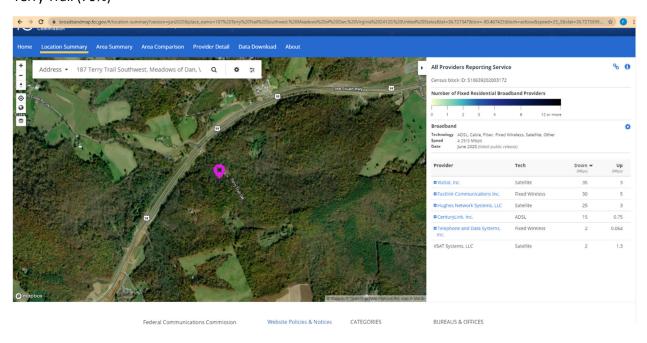
#### Sweetwater Way (80%)



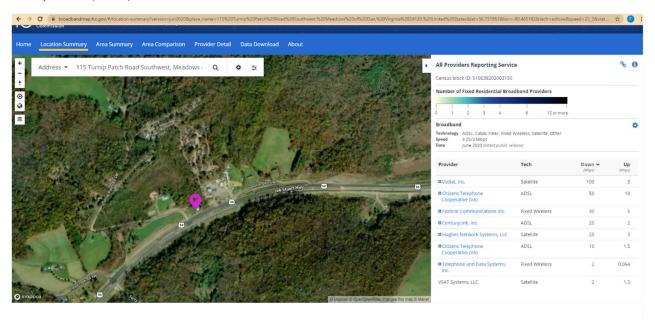
#### Telling Rd (60%)



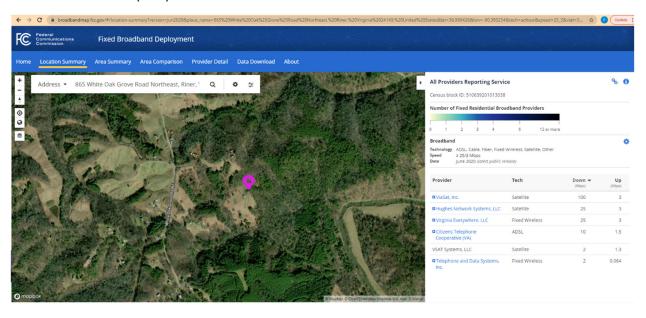
#### Terry Trail (70%)



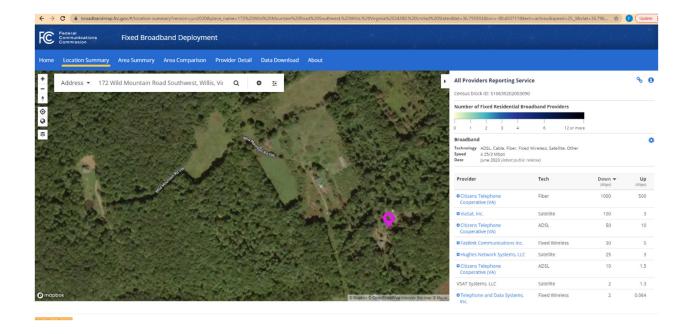
#### Turnip Patch (70 %)



#### White Oak Grove Rd (50%)



## Wild Mountain Rd (70%)



#### **Attachment 5**

#### **Passings Forms**

Attached are 6 passings forms:

TOTAL Passings (which is a summary of the other 5 below)

Passings in Copper Hill

Passings in Indian Valley

Passings in Meadows of Dan

Passings in Pilot and Riner

Passings in the Rest of the County (long driveways)

## **2022 Virginia Telecommunication Initiative (VATI)**

**Passing Form: TOTAL FLOYD CO Project** 

Type of Passings	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 10/1 or below in Project Area <sup>4</sup>
Residential	722	495	227	378
Businesses (non-home based)				
Businesses (home-based)	61	10	51	35
Community Anchors	1 (Mabry Mill and restaurant)	1		1
Non-residential				
Total	723	496	227	379

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

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

<sup>&</sup>lt;sup>1</sup>The total number of structures in the project area that can receive service. See definition of passing below for more detail.

<sup>&</sup>lt;sup>2</sup>The number of structures in the project area that will not require special construction costs to provide service to. These passings fall within the broadband provider's standard service connection drop length and do not require nonstandard equipment or any additional fees above normal service connection fees required to provide broadband access to a premise.

<sup>&</sup>lt;sup>3</sup>The number of structures in the project area with all construction costs budgeted in the application. These passings will not require any additional special construction costs beyond those budgeted for in the VATI application.

<sup>&</sup>lt;sup>4</sup>The number of structures in the project area that do not have access to internet at speeds of at least 10 mbps download and 1mbps upload.

#### **Definitions**

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

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

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

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

# 2022 Virginia Telecommunication Initiative (VATI) Passing Form: Copper Hill

Type of Passings	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 10/1 or below in Project Area <sup>4</sup>
Residential	16+18+40=74	56	18	23
Businesses (non-home based)				
Businesses (home-based)	4	1	3	3
Community Anchors				
Non-residential				
Total	74	56	18	23

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

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

<sup>&</sup>lt;sup>1</sup>The total number of structures in the project area that can receive service. See definition of passing below for more detail.

<sup>&</sup>lt;sup>2</sup>The number of structures in the project area that will not require special construction costs to provide service to. These passings fall within the broadband provider's standard service connection drop length and do not require nonstandard equipment or any additional fees above normal service connection fees required to provide broadband access to a premise.

<sup>&</sup>lt;sup>3</sup>The number of structures in the project area with all construction costs budgeted in the application. These passings will not require any additional special construction costs beyond those budgeted for in the VATI application.

<sup>&</sup>lt;sup>4</sup>The number of structures in the project area that do not have access to internet at speeds of at least 10 mbps download and 1mbps upload.

#### **Definitions**

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

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

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

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

# 2022 Virginia Telecommunication Initiative (VATI) Passing Form: Indian Valley

Type of Passings	Total Number of Passings in the Project Area <sup>1</sup>	Passings in the Project Area, without Special Construction Costs Required <sup>2</sup>	Passings with Special Construction Costs budgeted in the Application <sup>3</sup>	Number of Passings with Speeds at 10/1 or below in Project Area 4
Residential	3+4+4=11	7	4	5
Businesses (non-home based)				
Businesses (home-based)	1		1	1
Community Anchors				
Non-residential				
Total	11	7	4	5

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

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

<sup>&</sup>lt;sup>1</sup>The total number of structures in the project area that can receive service. See definition of passing below for more detail.

<sup>&</sup>lt;sup>2</sup>The number of structures in the project area that will not require special construction costs to provide service to. These passings fall within the broadband provider's standard service connection drop length and do not require nonstandard equipment or any additional fees above normal service connection fees required to provide broadband access to a premise.

<sup>&</sup>lt;sup>3</sup>The number of structures in the project area with all construction costs budgeted in the application. These passings will not require any additional special construction costs beyond those budgeted for in the VATI application.

<sup>&</sup>lt;sup>4</sup>The number of structures in the project area that do not have access to internet at speeds of at least 10 mbps download and 1mbps upload.

#### **Definitions**

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

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

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

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

## **2022 Virginia Telecommunication Initiative (VATI)**

Passing Form: Meadows of Dan (& 3 in Laurel Fork)

Type of Passings	Total Number of Passings in the Project Area <sup>1</sup>	Passings in the Project Area, without Special Construction Costs Required <sup>2</sup>	Passings with Special Construction Costs budgeted in the Application <sup>3</sup>	Number of Passings with Speeds at 10/1 or below in Project Area <sup>4</sup>
Residential	62+4+19=85	81	4	48
Businesses (non-home based)				
Businesses (home-based)	6+0+0=6			1
Community Anchors	1 (Mabry Mill and restaurant)	1		
Non-residential				
Total	86	82	4	48

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

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

<sup>&</sup>lt;sup>1</sup>The total number of structures in the project area that can receive service. See definition of passing below for more detail.

<sup>&</sup>lt;sup>2</sup>The number of structures in the project area that will not require special construction costs to provide service to. These passings fall within the broadband provider's standard service connection drop length and do not require nonstandard equipment or any additional fees above normal service connection fees required to provide broadband access to a premise.

<sup>&</sup>lt;sup>3</sup>The number of structures in the project area with all construction costs budgeted in the application. These passings will not require any additional special construction costs beyond those budgeted for in the VATI application.

<sup>&</sup>lt;sup>4</sup>The number of structures in the project area that do not have access to internet at speeds of at least 10 mbps download and 1mbps upload.

#### **Definitions**

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

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

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

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

# 2022 Virginia Telecommunication Initiative (VATI) Passing Form: Pilot and Riner

Type of Passings	Total Number of Passings in the Project Area <sup>1</sup>	Passings in the Project Area, without Special Construction Costs Required <sup>2</sup>	Passings with Special Construction Costs budgeted in the Application <sup>3</sup>	Number of Passings with Speeds at 10/1 or below in Project Area 4
Residential	31+24+58=113	31+58=89	24	0+1+0=1
Businesses (non-home based)				
Businesses (home-based)	4+5+1=10	4+1=5	5	0
Community Anchors				
Non-residential				
Total	113	89	24	1

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

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

<sup>&</sup>lt;sup>1</sup>The total number of structures in the project area that can receive service. See definition of passing below for more detail.

<sup>&</sup>lt;sup>2</sup>The number of structures in the project area that will not require special construction costs to provide service to. These passings fall within the broadband provider's standard service connection drop length and do not require nonstandard equipment or any additional fees above normal service connection fees required to provide broadband access to a premise.

<sup>&</sup>lt;sup>3</sup>The number of structures in the project area with all construction costs budgeted in the application. These passings will not require any additional special construction costs beyond those budgeted for in the VATI application.

<sup>&</sup>lt;sup>4</sup>The number of structures in the project area that do not have access to internet at speeds of at least 10 mbps download and 1mbps upload.

#### **Definitions**

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

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

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

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

# 2022 Virginia Telecommunication Initiative (VATI) Passing Form: Remainder of Floyd County

(other than Meadows of Dan, Indian Valley, Copper Hill, and Pilot/Riner)

Type of Passings	Total Number of Passings in the Project Area <sup>1</sup>	Passings in the Project Area, without Special Construction Costs Required <sup>2</sup>	Passings with Special Construction Costs budgeted in the Application <sup>3</sup>	Number of Passings with Speeds at 10/1 or below in Project Area <sup>4</sup>
Residential	722-(85+11+74+113)=439	495- (81+7+56+89)=262	227- (4+4+18+24)=177	378 – (48+5+23+1)= 301
Businesses (non-home based)				
Businesses (home-based)	61 – (6+1+4+10)=40	10 - (0+0+1+5)=4	51- (0+1+3+5)=42	35- (1+1+3+0)=30
Community Anchors	1-1=0			
Non-residential				
Total	723 – (86+11+74+ 113)= 439	496- (82+ 7+56+89)= 262	227- (4+4+18+24)=177	379- (48+5+23+1)= 301

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

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

<sup>&</sup>lt;sup>1</sup>The total number of structures in the project area that can receive service. See definition of passing below for more detail.

<sup>&</sup>lt;sup>2</sup>The number of structures in the project area that will not require special construction costs to provide service to. These passings fall within the broadband provider's standard service connection drop length and do not require nonstandard equipment or any additional fees above normal service connection fees required to provide broadband access to a premise.

<sup>&</sup>lt;sup>3</sup>The number of structures in the project area with all construction costs budgeted in the application. These passings will not require any additional special construction costs beyond those budgeted for in the VATI application.

<sup>&</sup>lt;sup>4</sup>The number of structures in the project area that do not have access to internet at speeds of at least 10 mbps download and 1mbps upload.

#### **Definitions**

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

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

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

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

				Attachment 7 T	imeline and Proje	ect Managemei	nt Plan		
Project Timeline	e with Including	Milestones and	Deliverables, an	d Completion da	ates. Key actions	and roles are	also noted belov	V.	
								1	
	Miles	tones			Delive	rables		Anticipated Co	ompletion Date
Cons	truct to customers	s in Active FTTH a	ireas	125 Qualified cu	stomers installed			4/30	2022
Design, St	aking, and Easme	ents for 3% Unser	ved Areas	Finalized constr	uction plan to inclu	ide the unserve	d areas	5/31/	2022
Const	truction Contracto	r to begin Constru	ıction	Construction Co	ntractor has begui	n directional bor	ing	6/1/	2022
10	00% of Fiber Con	struction Complet	е	Fiber placement	complete in all 3 i	unserved areas		10/31	/2022
Construct	to customers in n	ewly complete FT	TH areas	50 Qualified cus	tomers installed			10/31	/2022
	100% of FTTH O	verbuild complete		100% of main lir	ne construction cor	12/31/2022			
Construct	to customers in n	ewly complete FT	TH areas	Remaining 50 Q	ualified customers	5/31/2023			
				Citizens	Floyd County				
Apply for VDOT	ROW permit, Do	nna Smith		Donna Smith					
Prepare Constru	uction Package,	Donna Smith		Donna Smith					
Prepare Monthly	Reports and pe	eriodic invoices		Chris Bond					
Review and Sub	mit Monthly and	other Reports			Lydeana Martin				
Invoice Review	Invoice Review and Payment, Reimbursement requests to DHCD			Finance Directo	r				
Construction Ov	versight			Donna Smith					
Fiber testing and	d splicing			Donna Smith					
<b>Project Complet</b>	tion			Donna Smith					
Marketing and P	Promotion			Lori Saltus					

#### **Attachment 8 MOU**

Model Agreement (from our 2018 VATI application)

#### Model Agreement for 2022 VATI Grant (from 2018 grant)

## Agreement between Citizens Telephone Cooperative and Floyd County Regarding VATI Funding

On March 29, 2019 the Virginia Department of Housing and Community Development ("DHCD") announced that it had offered Floyd County (the "Grantee") a total of \$348,018 in funding under the Virginia Telecommunication Initiative (VATI) program in response to the joint application of the County and Citizens Telephone Cooperative. Pursuant to the program guidelines and statutory authority, the primary objective of the VATI is to provide financial assistance to supplement construction costs by private sector broadband providers, in partnership with local units of government to extend service to areas that presently are unserved by any broadband provider.

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

Citizens Telephone Cooperative shall perform all work described in the DHCD Agreement and VATI #2019FC-001 Terms and Conditions (both of which are attached hereto and incorporated herein by reference), the submitted application, project management schedule and budget. Specifically, Citizens Telephone Cooperative shall complete all Grant Activities described in the DHCD Contract Documents (including but not limited Construction of 14 miles of fiber; Electronics; and Provide broadband services to 313 serviceable units, including 6 businesses on or before May 20, 2020. Citizens Telephone Cooperative shall indemnify, defend and hold the County harmless for any failure(s) (a) to complete any Grant Activities described in the DHCD Contract Documents on or before May 20, 2020 and/or (b) to achieve any project Outcomes, as defined in the DHCD Agreement by {May 20, 2020 , Citizens Telephone Cooperative will provide information of subscribers and speed package selected, as well as speed validation data to ensure that the proposed Outcomes have been met and broadband speeds meet VATI criteria. Citizens Telephone Cooperative will submit monthly or quarterly invoices for payment upon completion of the work. No VATI funds shall be distributed unless and until (a) Citizens Telephone Cooperative has submitted all requested documents and (b) the County has verified that pre-construction and/or construction work has been completed or equipment has been ordered and received.

In their application, the parties estimated that 313 serviceable units will have access to the required broadband speeds. Floyd County and Citizens Telephone Cooperative will exercise due diligence and best efforts on community outreach and marketing the availability of service, which is the intent of the program. The parties understand, however, that the actual number of customers who choose to subscribe is beyond the parties' control. The parties also understand that the intent of the Department of Housing and Community Development is that the parties exercise due diligence and best efforts and that no funds will be returned to the Commonwealth nor retained by Floyd County so long as the parties exercise due diligence and best efforts to reach the program goals. The parties will at all times comply with all applicable provisions of state and federal law, including without limitation all non-discrimination, ethics public documents and telecommunications laws.

By: Luc Mous
Terri Morris, County Administrator

Date: May 28, 2019

Citizens Telephone Cooperative

Greg Sapp, CCO

Date: May 23, 2019

#### VATI FUNDING SOURCES TABLE

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

Source	Amount	%	Status
REQUESTED VATI	\$ 1,310,267	54%	Pending
Citizens Telephone	\$ 1,011,725	42%	committed
FLOYD CO ARPA	\$ 100,000	4%	committed
	\$		
	\$		
	\$		
	\$		
TOTAL	\$ 2,421,992	100 %	

#### Attachment 10

## **Documentation of Matching Funding**

Citizens Telephone Letter

Floyd County letter



September 10, 2021

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

Dear Dr. Holmes:

We are excited to work with Floyd County on this application which would allow us to reach the far corners of Floyd County, the last 3% of state roads in the County, and thus have total, 100% fiber coverage. This would serve 113 households (8 of which have home-based businesses.) It would also serve Mabry Mill, the historic and major tourism venue along the Blue Ridge Parkway.

Additionally, this application would allow us to provide fiber drops on long driveway or private roads (1,000+ ft) for 227 low-to-moderate income households (43 of which include home-based businesses) by extending fiber to their homes from the nearest state road. By serving these homes, 382 other households will be within reach of Citizen's normal fiber build range, too.

In addition to the \$100,000 being pledged by Floyd County Board of Supervisors from their local ARPA funds, Citizens is committing \$1,011,725 in match. This includes \$262,600 in labor for the first 500 ft of fiber install, plus the materials for that (\$592,361), and \$156,765 in customer premise equipment and install. Though this is not included in the budget, we are also committing the time of our engineering staff to prepare the final plans and oversee construction, as well as our CEO/General Manager (Greg Sapp) and CFO (Chris Bond) to oversee and manage the project, transactions and documentation.

Thank you for your consideration.

Sincerely,

Donna Smith,

COO



September 10, 2021

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

Dear Dr. Holmes:

I am writing to confirm the Floyd County Board of Supervisors' strong support for this application.

Citizens Telephone Cooperative began in Floyd over 100 years ago to ensure that County residents had telephone service equal to or better than urban areas, despite our rural nature and low population density. They have continued that work by advancing telecom services over the decades. Thanks to their remarkable planning and funding partnerships, Citizens has already completed fiber builds along 60% of our public roads. By the end of 2022, they will have increased this number to 97%.

We propose in this application to serve the remaining 3% of Floyd County; these last few areas are in the far corners of the county that are even less densely settled. This would serve 113 households (8 of which have home-based businesses.) It would also serve Mabry Mill, the most famous location in the County, the most photographed historic site along the Blue Ridge Parkway, and home to a restaurant and gift shop.

Additionally, we propose to serve 227 low-to-moderate income households (43 of which include home-based businesses) that are on private roads or long driveways (more than 1,000 ft) in the County by extending fiber to their homes from the nearest state road. By extending to these homes, 382 other households will be within reach of Citizen's fiber, too (within 500 ft link that Citizen's would pay to build.)

The Floyd County Board of Supervisors has authorized this application and is willing to designate \$100,000 of their \$3.1 million in local ARPA funds to support it. We are also willing to contribute the necessary staff time of Lydeana Martin, Tabitha Hodge, and our Finance Director to manage the grant process. This is in addition to Citizen's commitment of more than \$1 million in match.

We are excited that this grant could bring us to likely be one of the first counties in Virginia to have a complete fiber build, offering affordable 1 GB download and 500MB upload service to residents, businesses, schools, and community anchors. Thank you for your consideration.

Sincerely,

Dr. Linda Struyk Millsaps (

Floyd County Administrator

#### Attachment 11

## **Letters of Support and Need**

Economic Development Authority of Floyd County

Residents and Businesses to be Served

See also Attachment 17: Long Driveway Survey Responses



September 10, 2021

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

Dear Dr. Holmes:

I am excited to offer my strong support for the Floyd County application with Citizens Telephone Cooperative to extend fiber to the last corners of Floyd County by the end of 2022. And the extension of fiber on long driveways of many low-to-moderate income residents will help them overcome the digital divide and have improved access to learning, working and starting or growing a business. I understand more than 60 of the households to be served already have a home-based business.

Having been deeply involved in economic development in Floyd County for more than 13 years, I can tell you that extending fiber truly extends opportunity to our residents. We focus most of our attention on the people and businesses who have already chosen Floyd County, no matter the stage of their business. We have many programs to help remove barriers to success: the Floyd C4 Business Development Series and Challenge, the Floyd Growth Wheel program (a peer-to-peer program), the Floyd 5 & 10 Small Business Loan Program, Floyd Grown (technical support for agricultural and forestry-related businesses), the Floyd Innovation Center and next week we're breaking ground on the Floyd Growth Center and Building 1 to provide next-stage space and sites for growing businesses. One thread that runs through these programs is the effort to encourage and support entrepreneurship, innovation, and the development and sale of premium products and services.

Gigabit service access is a powerful tool to help these home-grown businesses sell their premium goods and services to the world. We will be delighted to welcome any of these businesses into our programs to learn to capitalize on the Gigabyte service and other assets and work to develop new support as the needs arise.

Thank you for your consideration.

Sincerely,

Jon Beegle, Chairman

## ROLLING THUNDER CBD

1107 Fork Mountain Rd. SW Meadows of Dan, VA 24120 | 760-535-7017 | rollingthundercbd@gmail.com

#### September 7, 2021

Dr. Holmes
Director
Office of Broadband
Department of Housing and Community Development
600 East Main St., Ste 300
Richmond, VA 23219

#### Dear Dr. Holmes:

I am writing to express my strong support for the Floyd County VATI application that would extend fiber along our state road.

As both a resident and a small business owner, we really need broadband connectivity.

Personally, it will connect us with more training and health care options. As a business owner, it will open me up to better communication, marketing, and sales options.

Thank you for your consideration.

Sincerely,

Amy Kellogg Rolling Thunder CBD 1107 Fork Mountain Rd. SW Meadows of Dan, VA 24120 September 9, 2021

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

Dear Dr. Holmes:

I am writing to express my strong support for the Floyd County VATI application that would extend fiber along our state road.

I am really in need of broadband connectivity for my job. I receive on a daily basis large construction files. I must leave my home to be able to open and download these documents. Fiber to my home would increase my daily productivity tenfold. It will connect us with more work, training and health care options. And it will help us better connect with family and friends. Covid has underlined this need.

Thank you for your consideration.

Sincerely,

John Hawley

575 Dobbins Hollow Rd.

Pilot, VA. 24138

September 9, 2021

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

Dear Dr. Holmes:

I am writing to express my strong support for the Floyd County VATI application that would extend fiber along our state road.

I have businesses that I do work for in my home. It will connect me with training and health care providers as well. It will help us better connect with family and friends too. Covid has underscored this need.

Thank you for your consideration.

Sincerely, Mark Cx

Mark Cox

667 Dobbins Hollow Rd.

Pilot, VA. 24138

September 8, 2021

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

Dear Dr. Holmes:

I am writing to express my strong support for the Floyd County VATI application that would extend fiber along our state road here in Floyd County.

I have business that I conduct from my home. My son also is enrolled in college and has struggled with online class work during the Covid Pandemic due to unreliable internet access. Broadband internet service will connect my family with additional job training and health care providers too. It will help us better connect with family and friends too. The Covid crisis has underscored this need.

Thank you for your consideration.

Sincerely,

Mark Kesterson

333 Dobbins Hollow Rd.

Pilot, VA. 24138

September 8, 2021

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

#### Dear Dr. Holmes:

I am writing to express my strong support for the Floyd County VATI application that would extend fiber along our state road.

We really need broadband connectivity. When the pandemic crisis arose, my company allowed us to telecommute from home. Unfortunately, I was unable to take advantage of the opportunity due to the inadequate internet service I deal with at my home. If fiber was extended more of my family could work from home. It will also help us better connect with family, friends and healthcare providers. Covid has underlined this need.

Thank you for your consideration.

Sincerely

Colleen Marszalek

585 Dobbins Hollow Rd.

Pilot, VA 24138

September 12, 2021

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

Dear Dr. Holmes:

I am writing to express my strong support for the Floyd County VATI application that would extend fiber along Burnett Road where I live.

I am a bank officer and since March 2020 my work shifted to remote work. During part of that time, my two sons also needed to use our limited internet service to access online classes. We very much need true broadband. I understand this upgrade would provide 1 Gigabyte/second download and 500 Gbps upload.

Beyond our need for broadband for work and learning, it will also provide better health-care options to us as we're 45 minutes away from the nearest hospital or urgent care center.

Thank you for your consideration.

Sincerely,

Laurie H. Boyd 439 Burnett Rd SW Meadows of Dan, Virginia 24120 From: <u>Erika Hewlett</u>
To: <u>Lydeana Martin</u>

Subject:Letter of support for business fiberDate:Monday, September 13, 2021 3:08:03 PM

Caution! This message was sent from outside your organization.

Allow sender | Block sender

Hi Lydeana,

I am writing to express my strong support for the Floyd County VATI application that would extend fiber along our state road.

As both a resident and a small business owner, we really need broadband connectivity. Personally, it will connect us with educational opportunities & telehealthcare. As a business owner, it will open me up to better communication with my clients, marketing and future sales options.

Thank you for your consideration,

Erika Hewlett Compassion Nutrition & Wellness 617 Fork Mountain Rd SW Meadows of Dan, VA 24120 September 13, 2021

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

Dear Dr. Holmes:

I am writing to express my strong support for the Floyd County VATI application that would extend fiber along our state road. As both a resident and a small business owner, we really need broadband connectivity. Personally it will connect us with more training and health care options. As a business owner, it will open me up to better communication, marketing and sales options. I operate a Real Estate firm just 2 miles from my home. My office is in Patrick County but my home, at 305 Burnett Rd. SW, is in Floyd County. With this business having no set hours, I am often working late into the night from the house. Any improvement in internet speed and dependability over what I am tolerating from CenturyLink would be greatly appreciated.

Thank you for your consideration.

#### Best Regards,

Jim Wagoner (Broker/Owner)
Country Road Realty

646B JEB Stuart Hwy. Meadows of Dan, VA 24120 Licensed in VA

Office: (276) 952-6582 Mobile: (276) 952-5698 Home: (276) 952-1234 Fax: (276) 952-6548

jim@crrva.com

www.CountryRoadRealtyVA.com

#### CDBG Derivation of Cost

Product	Total		VATI	Non-VATI	Source of Estimate	Date
EXAMPLE						
Construction						
200 LF of fiber @\$150/LF	\$	30,000	\$15,000	\$15,000	Company A	9/5/2016
Tower	\$ 1	00,000	\$80,000	\$20,000	Company B	9/5/2016
Engineering	\$	20,000	\$0	\$20,000	ABC Engineering Firm	9/5/2016

Product	Total	VATI		No	on-VATI	Source of Estimate	Date
3% Build out area: Cost of Fiber= 57,234 ft * \$0.41 per foot = \$23,465.94	\$ 23,466	\$	-	\$	23,466	Telecom Surplus Invoice	7/1/2021
3% Build out area: Pedestals (needed every 700 ft minimum) so 81.76 needed *\$208 each	\$ 17,007	\$		\$	17,007	AMT Invoice	7/21/2021
3% Build out area: Splice kit for each pedestal \$130.99 * 81.76 pedestals	\$ 10,710	\$	-	\$	10,710	Power & Tel Invoice	8/29/2021
3% Build out area: Pedestal Install Labor- 81.76 pedestals * \$125	\$ 10,220	\$	-	\$	10,220	Whiting Construction	6/21/2021
3% Build Out Area TOTAL Material Costs	\$ 61,403	\$	-	\$	61,403		
Private Road/Long Driveway: Cost of Fiber= 494,907 ft*\$0.41 per foot=	\$ 202,912	\$		\$	202,912	Telecom Surplus Invoice	7/1/2021
Private Road/Long Driveway: pedestals (needed every 700 ft minimum) so 707.01 needed *\$208	\$ 147,058	\$	-	\$	147,058	AMT Invoice	7/21/2021
Private Road/Long Driveway: Splice kit for each pedestal \$130.99 *707.01 pedestals	\$ 92,611	\$	-	\$	92,611	Power & Tel Invoice	8/29/2021
Private Road/Long Driveway: Pedestal labor \$125 * 707.01 pedestals	\$ 88,376	\$	-	\$	88,376	Whiting Construction	6/21/2021

#### CDBG Derivation of Cost

Private Road/Long Driveway TOTAL Materials Costs	\$ 530,957	\$ -	\$ 530,957		
Labor: Fiber installation 552,141 ft * \$2.60/foot	\$ 1,435,567	\$ 1,110,217	\$ 325,350	Whiting Construction Invoice	6/21/2021
Labor: main road construction-traffic control and boring	\$ 237,300	\$ 200,050	\$ 37,250		
Customer Premse equipment (ONT) = 341 premises *260.72	\$ 88,906	\$ -	\$ 88,906	Calix invoice	7/19/2021
Fiber installation fee (in home) waived and covered by Citizens \$199*341	\$ 67,859	\$ -	\$ 67,859	sample receipt	9/1/2021
	\$ 2,421,992	\$ 1,310,267	\$ 1,111,725		

	(	Cost Estin	nate Detail	
	Distance			
LABOR INSTALLATION COST	552,141	\$2.60	\$1,435,566.60	(Whitting Construction Invoice)
Main Road Construction-Traffic Control/E	Boring		\$237,300.00	
			\$1,672,866.60	
***Citizens committed to pay the first 500	) feet		\$262,600.00	0.1569760554
			\$1,410,266.60	
CUSTOMER PREMISE EQUIPMENT				
Number of Homes - ONT per home	341	\$260.72	\$88,905.52	(Calix Invoice)
Fiber Connection Fee				
(Fiber Installation fee charged to all customers to help cover labor costs of installing fiber in the home; however Citizens will waive this fee to grant qualified homes based on income qualifications so they will have no upfront costs)	341	\$199.00	\$67,859.00	(Example Receipt)
			\$156,764.52	
MATERIAL COST				
Private Road/Long Driveway Area	Footage of Build	Cost Per Foot	Total Cost	
Cost of Fiber	494,907	\$0.41	\$202,911.87	(Telecom Supply Invoice)
Pedestal Install at every 700' (minimum)	700			
Pedestals Needed	707.01			
Pedestal Install Labor		\$125.00		(Whitting Construction Invoice)
Pedestal Cost		\$208.00		(AMT Invoice)
Splice Kit Cost		\$130.99		(Power & Tel Invoice)
Per Pedestal Cost		\$463.99		
Total Pedestal Cost			\$328,045.57	
Total i Cucstal Cost				

3% Build Out Area	Footage of Build	Cost Per Foot	Total Cost		
Cost of Fiber	57,234	\$0.41	\$23,465.94	(Telecom Supply Invoice)	Yes
(Exludes Major Road calculated at different rate to include traffic control and increased boring costs)					
Pedestal Install at every 700' (minimum)	700				
Pedestals Needed	81.76				
Pedestal Install Labor		\$125.00		(Whitting Construction Invoice)	
Pedestal Cost		\$208.00		(AMT Invoice)	
Splice Kit Cost		\$130.99		(Power & Tel Invoice)	
Per Pedestal Cost		\$463.99			
Total Pedestal Cost			\$37,937.15		
Total Material Cost			\$61,403.09		
Total Project Material Cost			\$592,360.53		
		TOTAL	\$2,421,991.65		

## Whiting Construction Co., Inc. Post Office Box 485

Troutman, North Carolina 28166 704-528-9395

Invoice No. CT 5521 318

Date: June 21, 2021

Bill To:

Our Job Number: CT 55000

Citizens Telephone Co. Attention: Mr. Russell Janney

Work Order Number: 15612

200 Old Mill Rd NE Floyd, VA 24091

Amount Due

Exchange/Location: Copper Hill

10,788.40

\$10,788.40

Date Work Completed:	6/18/21				Foreman:	Milcher & Campbell
Unit	E) ]	Unit	Unit	Extended	Extended	Total Labor
Description	Quantity	Labor	Material	Labor	Material	& Material
an the state of th				0		
WBD	2.0	75.00	LAB	150.00		150.00
BFO48	1,518.0	2.60		3,946.80		3,946.80
SEBO2	448.0	1.70		761.60		761.60
BD5	3.0	100.00		300.00		300.00
BM2	3.0	25.00	X	75.00		75.00
BM61	450.0	12.00		5,400.00		5,400.00
BFCT	50.0	3.10		155.00		155.00
			Labor	tall or stall pedistal		



Bill To: Attn: Accounts Payable CITIZENS TELEPHONE COOPERATIVE (VA) 220 WEBBS MILL RD NW PO BOX 137 Floyd, VA 24091

Ship To: CITIZENS TELEPHONE COOPERATIVE (VA) 220 WEBBS MILL RD NW PO BOX 137 Floyd, VA 24091

Invoic	:e
Number 265501	
Date 19-Jul-2021	Page 1 of 1
Purchase Order Number 15702	
Sales Order Number 50036078	
Customer Number 6465	···
Terms 30 NET	Due Date 18-Aug-2021
Ship Date 2021-07-19	Ship Via UPS Ground
Shipping Reference 1z01e6480354105425	Currency USD
Customer Contact	

Line Number	Item Number	Customer item Number	Item Description		Quantity Shipped	Unit Price	Extended Amount
1	000-01201		GS4227. GPON SFP module, package Dual GE, 2 POTS, AM power adapter	band 4x4 + 2x2 Wi-Fi 6;	4 40	243.75	9,750.00
Special Instruc	tions		Sub Total	Tax	Shipping & Hand	dling	Total
			9,750.00	516.75		162.04	\$10,428,79

#### Check Remittance Address:

Calix Inc. P.O. Box 843163 Dallas, TX 75284-3163 United States

For any questions or concerns regarding this invoice, please reach out to accountsreceivable@calix.com and a member of the team will get back to you.

View your order details at any time from the My Calix Store Order Manager. Did you know Calix makes it incredibly easy to order from the My Calix Store?

40 0.12



Citizens

220 Webbs Mill Road FLOYD, VA 24091 (540) 745-2111

Trans: 12632-00001

Date: 09-01-2021 09:09:39

Items

Remit

FIBER CONNECTION FEE -

2YR COMMITME

Qty: 1 @ \$199.00

199.00

Acct: 9707000 031 97070000034

 Sub-total
 \$253.04

 Taxes
 \$11.68

 Total
 \$264.72

Payment Methods

Amount

Amount

\$199.00

\$54.04

VI 0127 Approval Code: 719146 \$264.72

Signature of card holder

MERCHANT COPY



Bringing it all together

Citizens

220 Webbs Mill Road FLOYD, VA 24091 (540) 745-2111

Trans: 12632-00001

Date: 09-01-2021 09:09:39

Items Amount
---FIBER CONNECTION FEE - \$199.00

2YR COMMITME

Qty: 1 @ \$199.00

Remit \$54.04

ALDERMAN JESSICA MICHELLE
Acct: 97070000031 9707000003

 Sub-total
 \$253.04

 Taxes
 \$11.68

 Total
 \$264.72

Connection Fae Charged vith 2 yr service agreement. Mo commitment = \$399.00

\*Waived to qualified due to grant qualification mones qualification



## Invoice

Date	Invoice #
7/1/2021	13060

Bill To	
Citizens Telephone Cooperative (BTOP) PO Box 137 Floyd, VA 24091	

Ship To	
Citizens Telephone Cooperative (BTOP) 220 Webbs Mill Rd. Floyd, VA 24091 USA Russell 540-230-7905	

	P.O. No.	Terms	Due 0	Date S	Ship Via	Rep
	20035	Net 30	7/31/2	2021		GHR
Item	Des	cription		Qty	Rate	Amount
18 Fiber LT SASJ	Teldor 48 strand OSP fiber Armor, Single Jacket. Cor tubes Catalog # F904804M6B  Part number DRC-9-04X1  Reel IDs: EB5123 & EB51  Lengths: 20,336 & 20,024  Freight - 4 day transit Total sales tax AvaTax	ning SMF-28E+ Glass 2-D-ZRP-D BK		40,360	1,058,00 877.03	1,058.00 877.03
				Total		\$18,482.6
additional 1.5% per month la	ys unless otherwise noted. This in te charge if not paid on time. All I	paypal and credit card	1   '	Payments/	Credits	\$0.0
payments are subject to a 3% look forward to working with	convenience charge. We apprecially you again.	ite your business and	we	Balance	Due	\$18,482.6



#### INVOICE

Page: 1

Advanced Media Technologies, Inc.

An Itochu Company 3150 SW 15th Street

Deerfield Beach, FL 33442

USA

Phone: 954-427-5711 Fax: 954-427-9688 Toll Free: 888-293-5856

SOLD TO:

Citizens Cablevision, Inc.

(VA)

Frankie Turpin

220 Webbs Mill Road North

PO Box 196 Floyd, VA 24091

USA

INVOICE NUMBER:

INV01172764

INVOICE DATE:

7/21/2021

ORDER NUMBER: ORDER DATE:

SO00742577 7/15/2021

SALESPERSON:

Scott Shreve

CUSTOMER NO.:

CUST004856

SHIP TO:

**Citizens Telephone Cooperative** 

Jerry Sutphin

220 Webbs Mill Road North

Floyd, VA 24091

USA

CUST	OMER	P.O.		Ship Via			Shipping Terms	Terms		
20145	5			ABF	ST	ANDAF	RD FOB-SP	NET DU	IE 30 DAYS	
REQ.	SHIP	B/O	ITEM NO.	Specia	Ordor UO	M Des	cription	WHSE	PRICE (USD)	Amount
300	300	o	OP1212	6C1B1L01A08	Ø	EA ·	12X12X32 UPRIGHT PEDESTAL. NYLON	MAIN	208.00	62,400.00

External Tracking No.: 426220887

Pedistal

Please Remit To:

Advanced Media Technologies, Inc. P.O.Box 934327 Atlanta, GA 31193-4327 
 Sub Total:
 62,400.00

 Invoice Discount:
 0.00

 Total sales Tax:
 0.00

 Shipping & Hand:
 2,064.60

 Invoice Total:
 64,464.60



Power & Telephone 200 Keough Drive Suite 101 Piperton, TN 38017

#### INVOICE

 Inv Date
 Due Date
 UPC Vendor
 Order #

 07/30/21
 08/29/21
 000001
 7112836-00

 PO #
 Page #

PO # Page # 1

Ship To: CITIZENS TELEPHONE CO

220 WEBBS MILL RD NW

FLOYD, VA 24091

Send Payments to:

PO Box 1000, Dept 839

Memphis, TN 38148-0839

For Questions Contact: ar(a ptsupply.com

901-866-3070 - Credit Line

Cust #: 20244

Bill To: CITIZE

CITIZENS TELEPHONE CO

P.O. BOX 137 FLOYD, VA 24091

Currency	USD	Sales Rep In	JPG
Instructions		Terms	
Ship Point	e conse	Net 30 Da Ship Via 3	
Power & Tel LX Dis		•	7/30/21
Requested Ship Date	07/30/21	Freight In/Out	N/Y

Product Quantity Quantity Quantity Qty Unit Ln# And Description Ordered B/O Shipped U/M Price \*\*PLEASE DO NOT SHIP R&L TRUCKING\*\* \*\*\*\*UPS ON SMALL PACKAGES\*\*\*\* \*\*\*\*FEDEX FREIGHT ON LTL\*\*\*\* I D06322000 128 128 EA CLOSURE FOSC450A44121A1V (R) Customer Prod: 4426 4th shipment from 256 Please ship in increments of 128 untis (4 skids)

TRACK: FDEF- 7665593110 TRACK: FDEF- 7665593110 TRACK: FDEF- 7665593110 TRACK: FDEF- 7665593110

1 Lines Total

Estimated 4 skids every 8 weeks.

Will work with Donna to schedule other shipments

Qty Shipped Total

128

Total Freight Out Taxes Invoice Total

226.38 888.64 17,881.74

16,766.72

**Amount** 

16,766,72

(Net)

#### **Attachment 14**

#### **Two Most Recent 477's**

June 30, 2021

December 31, 2020

OMB 3060-0816

## Form 477 Filing Summary

FRN:

0004381422

Data as of:

Jun 30, 2021

Operations:

**ILEC** 

Submission Status:

Original - Submitted

Last Updated:

## Filer Identification

Section	Field	Response
Filer Information	Company Name	Citizens Telephone Cooperative
	Holding Company Name	Citizens Telephone Cooperative (VA)
	Filing Type	ILEC
	SAC ID	190225
	499 ID	801231
Data Contact Information	Data Contact Name	Cindy Weaver
	Data Contact Phone Number	(540) 745-9522
	Data Contact E-mail	cindyweaver@citizens.coop
Emergency Operations Contact Information	Emergency Operations Name	J Gregory Sapp
	Emergency Operations Phone Number	(540) 745-2111
	Emergency Operations E-mail	gregsapp@citizens.coop
Certifying Official Contact Information	Certifying Official Name	J Gregory Sapp
	Certifying Official Phone Number	(540) 745-2111
	Certifying Official E-mail	gregsapp@citizens.coop

## **Data Submitted**

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	Broadband Deployment 2021-06-30 FINAL.csv	Aug 30, 2021 01:44 PM	2,230

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Subscription	Interactive data entry		153
Fixed Voice Subscription	Interactive data entry		10

## **Fixed Broadband Deployment**

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

State	DBA Name	Technology	Blocks
Virginia	Citizens Telephone Cooperative	ADSL2	962
		Cable Modem – DOCSIS 3.1	400
		Optical Carrier/Fiber to the End User	586
		VDSL	282
Total			2,230

## Fixed Broadband Subscription

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

			Subscriptions		
State	Technology	Census Tracts	Consumer	Business/Govt.	Total
Virginia	Asymmetric xDSL	60	4,198	271	4,469
	Cable Modem	31	1,467	70	1,537
	Optical Carrier/Fiber to the End User	62	1,277	228	1,505
Total		153	6,942	569	7,511

## Fixed Broadband Subscriptions by Bandwidths and End User Type

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
1.000	1.000	27	0	27
1.500	0.768	1,009	65	1,074
3.000	0.768	1,310	61	1,371
5.000	2.000	0	1	1

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
5.000	3.000	0	21	21
6.000	0.768	1,021	54	1,075
6.000	1.500	149	20	169
10.000	3.000	432	27	459
25.000	5.000	242	21	263
25.000	10.000	766	120	886
50.000	10.000	414	87	501
75.000	10.000	266	10	276
100.000	10.000	29	7	36
100.000	25.000	1	36	37
200.000	10.000	28	6	34
200.000	50.000	0	13	13
300.000	10.000	0	1	1
300.000	50.000	0	7	7
1,000.000	500.000	1,248	12	1,260
Total		6,942	569	7,511

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

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
Asymmetric xDSL	1.500	0.768	1,009	65	1,074
	3.000	0.768	1,310	61	1,371
	5.000	3.000	0	21	21
	6.000	0.768	1,021	54	1,075
	6.000	1.500	149	20	169
	10.000	3.000	432	27	459
	25.000	5.000	242	21	263
	50.000	10.000	35	2	37
Cable Modem	1.000	1.000	27	0	27
	25.000	10.000	745	26	771

Technology	Downstream Bandwidth (in Upstream Bandwid Mbps) Upstream Bandwid Mbps)		Consumer	Business/Govt.	Total
	50.000 10.000		373	20	393
	75.000 10.000		265	10	275
	100.000	10.000	29	7	36
	200.000	10.000	28	6	34
	300.000	10.000	0	1	1
Optical Carrier/Fiber to the End User	5.000	2.000	0	1	1
Usei	25.000	10.000	21	94	115
	50.000	10.000	6	65	71
	75.000	10.000	1	0	1
	100.000	25.000	1	36	37
	200.000	50.000	0	13	13
	300.000	50.000	0	7	7
	1,000.000	500.000	1,248	12	1,260
Total			6,942	569	7,511

## Fixed Voice Subscription

## VGE Lines and VoIP Subscriptions by State and End User Type

State	Total VGE Lines Consumer VGE Lines		Total VoIP Subscriptions	Consumer VoIP Subscriptions	
Virginia	6,567	5,736	0	0	
Total	6,567	5,736	0	0	

## Fixed Voice Subscription (VGE Lines)

## VGE Lines Provided to Unaffiliated Providers by State

State	Wholesale	UNE-L
Virginia	0	0
Total	0	0

VGE Lines Provided to End Users by State, Bundle and Product Type

		by B	by Product Type				
				Consumer		Business/Govt.	
State	Total	Sold w/ Internet	Sold w/o Internet	& No PIC	& PIC	& No PIC	& PIC
Virginia	6,567	5,215	1,352	1,924	3,812	0	831
Total	6,567	5,215	1,352	1,924	3,812	0	831

## VGE Lines Provided to End Users by State, Ownership and Last-Mile Medium

		by Ownership by Last-Mile Medium				Last-Mile Medium		
State	Total	Owned	UNE-L	Resale	FTTP	Coax	Fixed Wireless	Copper
Virginia	6,567	6,567	0	0	704	0	0	5,863
Total	6,567	6,567	0	0	704	0	0	5,863

Reminder: You must continue to use Census 2010 geographic codes in FCC Form 477.

For help or assistance, please contact (877) 480-3201 or (717) 338-2834 (TTY) or you may submit an online e-support ticket.

Federal Communications Commission
445 12th Street SW, Washington, DC 20554

Phone: 1-888-225-5322

TTY: 1-888-835-5322

Videophone: 1-844-432-2275

Fax: 1-866-418-0232

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6 of 6

OMB 3060-0816

# Form 477 Filing Summary

FRN:

0004381422

Data as of:

Dec 31, 2020

Operations:

**ILEC** 

Submission Status:

Revised - Submitted

Last Updated:

### Filer Identification

Section	Field	Response
Filer Information	Company Name	Citizens Telephone Cooperative
	Holding Company Name	Citizens Telephone Cooperative (VA)
	Filing Type	ILEC
	SAC ID	190225
	499 ID	801231
Data Contact Information	Data Contact Name	Cindy Weaver
	Data Contact Phone Number	(540) 745-9522
	Data Contact E-mail	cindyweaver@citizens.coop
Emergency Operations Contact Information	Emergency Operations Name	J. Gregory Sapp
	Emergency Operations Phone Number	(540) 745-2111
	Emergency Operations E-mail	gregsapp@citizens.coop
Certifying Official Contact Information	Certifying Official Name	J. Gregory Sapp
	Certifying Official Phone Number	(540) 745-2111
	Certifying Official E-mail	gregsapp@citizens.coop

### **Data Submitted**

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	Broadband Deployment 2020-12-31 FINAL.csv	Apr 13, 2021 04:07 AM	2,193

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Subscription	Interactive data entry		144
Fixed Voice Subscription	Interactive data entry		10

# Fixed Broadband Deployment

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

State	DBA Name	Technology	Blocks
Virginia	Citizens Telephone Cooperative	ADSL2	957
		Cable Modem – DOCSIS 3.0	397
		Optical Carrier/Fiber to the End User	558
	VDSL	281	
Total			2,193

# Fixed Broadband Subscription

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

			Subscriptions			
State	Technology	Census Tracts	Consumer	Business/Govt.	Total	
Virginia	Asymmetric xDSL	61	4,082	422	4,504	
	Cable Modem	30	1,382	69	1,451	
	Optical Carrier/Fiber to the End User	53	1,078	210	1,288	
Total		144	6,542	701	7,243	

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

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
1.000	1.000	28	0	28
1.500	0.768	1,081	66	1,147
3.000	0.768	1,328	65	1,393
5.000	3.000	0	47	47

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
6.000	0.768	959	46	1,005
6.000	1.500	148	21	169
10.000	3.000	1,011	193	1,204
25.000	3.000	9	0	9
25.000	5.000	581	43	624
25.000	10.000	16	87	103
50.000	10.000	281	74	355
75.000	10.000	2	33	35
100.000	20.000	42	0	42
150.000	25.000	0	10	10
250.000	50.000	0	5	5
1,000.000	500.000	1,056	11	1,067
Total		6,542	701	7,243

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

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
Asymmetric xDSL	1.500	0.768	1,081	66	1,147
	3.000	0.768	1,328	65	1,393
	5.000	3.000	0	23	23
	6.000	0.768	959	46	1,005
	6.000	1.500	148	21	169
	10.000	3.000	306	181	487
	25.000	5.000	228	19	247
	5.000     3.000       6.000     0.768       6.000     1.500       10.000     3.000       25.000     5.000       50.000     10.000	10.000	32	1	33
Cable Modem	1.000	1.000	28	0	28
	5.000	3.000	0	24	24
	10.000	3.000	705	12	717
	25.000	3.000	9	0	9
	25.000	5.000	353	24	377

3 of 6

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business/Govt.	Total
	50.000	10.000	245	9	254
Optical Carrier/Fiber to the End User	100.000	20.000	42	0	42
-	25.000	10.000	16	87	103
	50.000	10.000	4	64	68
	75.000	10.000	2	33	35
	150.000	25.000	0	10	10
	250.000	50.000	0	5	5
	1,000.000	500.000	1,056	11	1,067
Total			6,542	701	7,243

### Fixed Voice Subscription

### VGE Lines and VoIP Subscriptions by State and End User Type

State	Total VGE Lines	Consumer VGE Lines	Total VoIP Subscriptions	Consumer VoIP Subscriptions
Virginia	6,609	5,769	0	0
Total	6,609	5,769	0	0

# Fixed Voice Subscription (VGE Lines)

### VGE Lines Provided to Unaffiliated Providers by State

State	Wholesale	UNE-L
Virginia	0	0
Total	0	0

# VGE Lines Provided to End Users by State, Bundle and Product Type

		by Bundle			by Produ	uct Type	
				Consun	ner	Business/	Govt.
State	Total	Sold w/ Internet	Sold w/o Internet	& No PIC	& PIC	& No PIC	& PIC
Virginia	6,609	5,185	1,424	1,912	3,857	0	840
Total	6,609	5,185	1,424	1,912	3,857	0	840

### VGE Lines Provided to End Users by State, Ownership and Last-Mile Medium

		by Ownership			by Last-Mile Medium			
State	Total	Owned	UNE-L	Resale	FTTP	Coax	Fixed Wireless	Copper
Virginia	6,609	6,609	0	0	612	0	0	5,997
Total	6,609	6,609	0	0	612	0	0	5,997

Reminder: You must continue to use Census 2010 geographic codes in FCC Form 477.

 $For help or assistance, please contact (877) \, 480-3201 \, or \, (717) \, 338-2834 \, (TTY) \, or \, you \, may \, submit \, an \, \underline{online \, e-support \, ticket.}$ 

Federal Communications Commission 445 12th Street SW, Washington, DC 20554
Phone: 1-888-225-5322
TTY: 1-888-835-5322
<u>Videophone: 1-844-432-2275</u>
Fax: 1-866-418-0232
Contact Us

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Open Government Directive
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Inspector General
International
<u>Media</u>
Public Safety
Wireless
Wireline
Offices

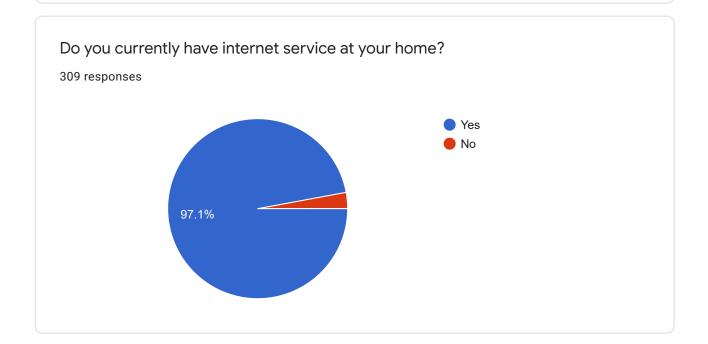
6 of 6

### Attachment 17 Long Driveway Survey Responses

# Find out if you could be eligible for free extension of Citizens' fiber to your home

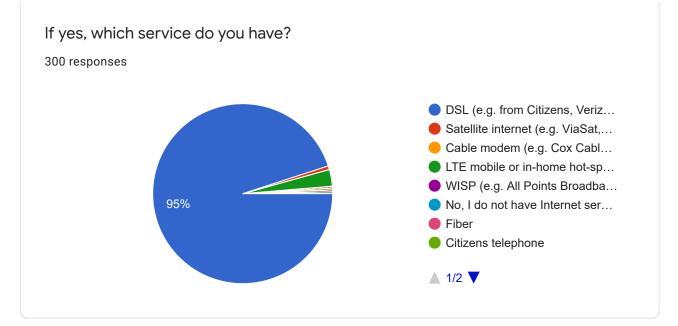
309 responses

**Publish analytics** 

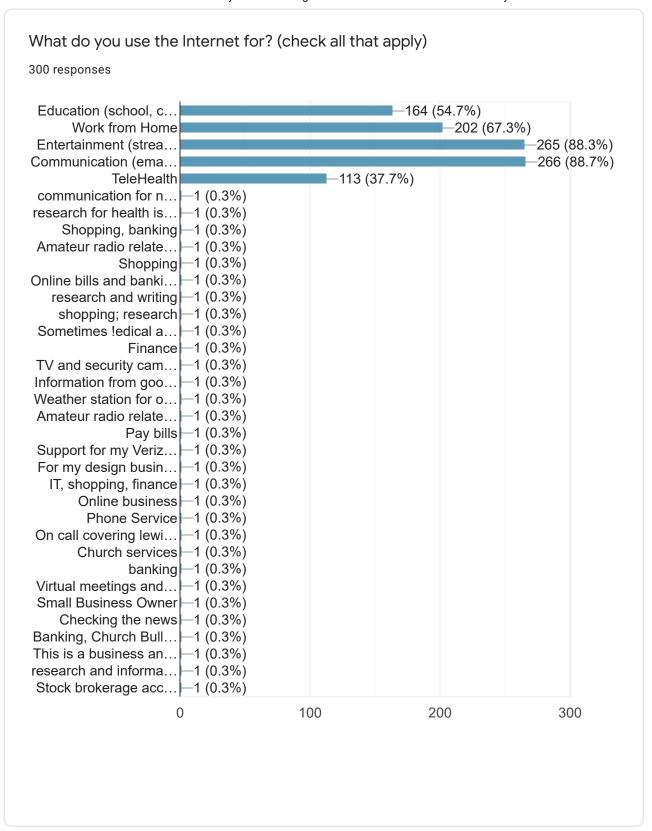


**Current Internet Service** 









### Household information



,	Your Name:					
309 responses						
	Anthony Nolen					
	PhillipLafon					
	Kristie Greenman					
	Jessica Gallimore					
	Virginia Klara					
	Katie					
	David Clarkson					
	Julie Harris					
	richard wimmer	•				



### **Physical Address:**

309 responses

187 Slusher Store Rd., Floyd, VA 24091

1705 Barberry rd se, Floyd va 24091

152 Alluring Acres In

248 Ivy Dr NE

151 Circle Drive, Floyd, VA 24091

170 Greggs Lane

143 Soapstone Ridge Rd, Floyd VA

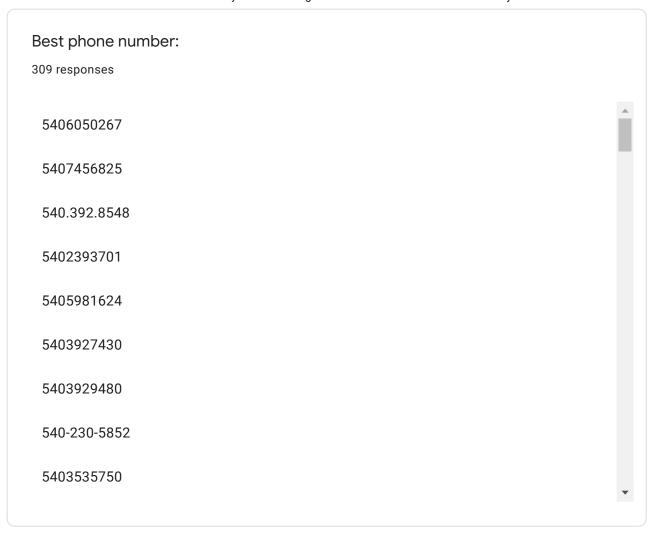
2210 Sowers Rd NE

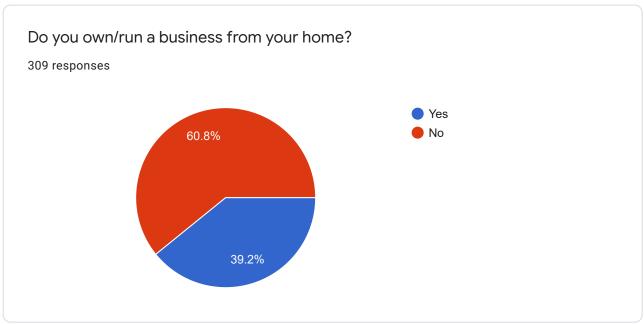
1179 Bethlehem Church RD NE Floyd, VA 24091



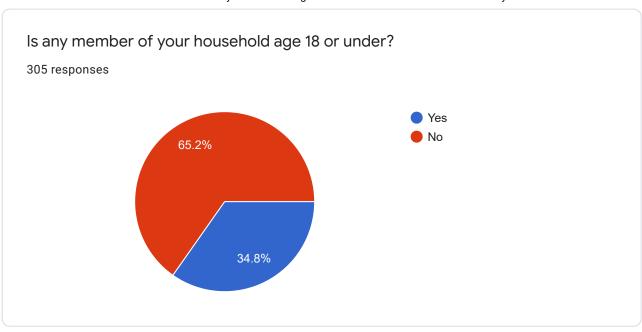
# Email address: 309 responses rwimmer@swva.net k2xx@swva.net anolen97@gmail.com holt2005@swva.net griffith734@swva.net winginit@mail.com greenman@swva.net jessiegall@hotmail.com virgklara@gmail.com

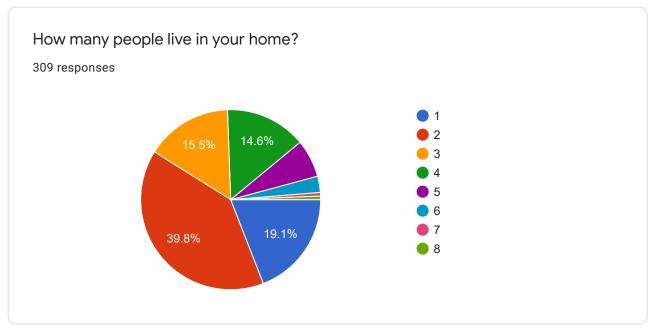






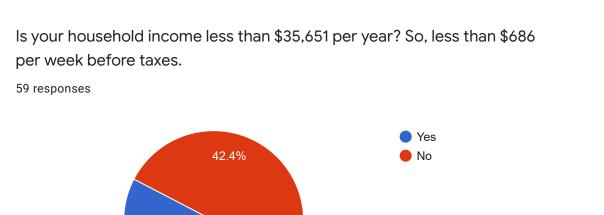






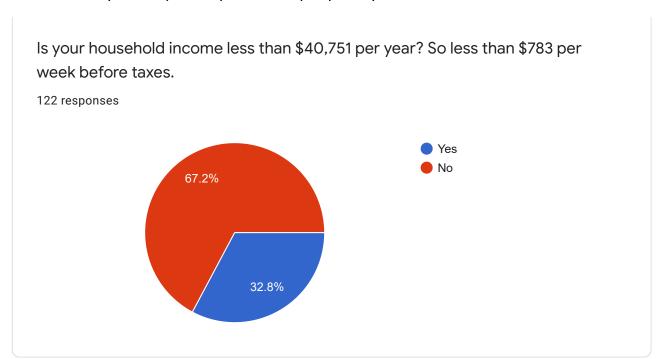
Based on your response, you have 1 person in your home.





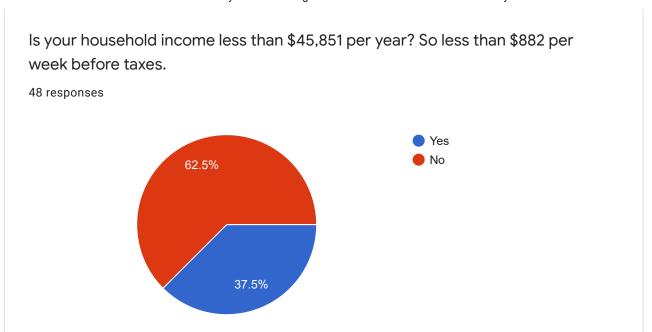
Based on your response, you have 2 people in your home.

57.6%

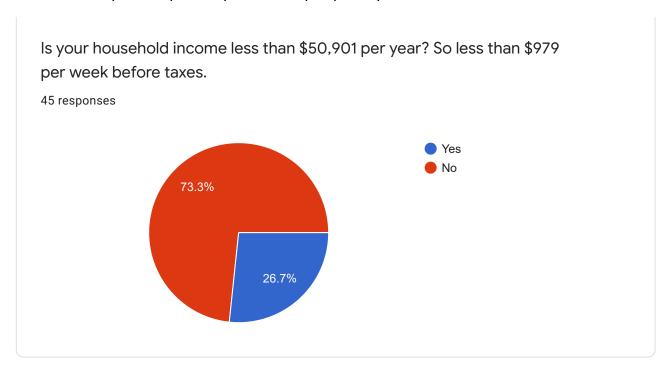


Based on your response, you have 3 people in your home.



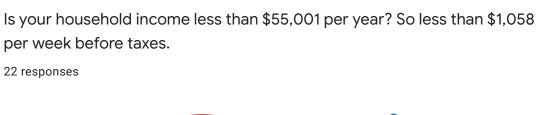


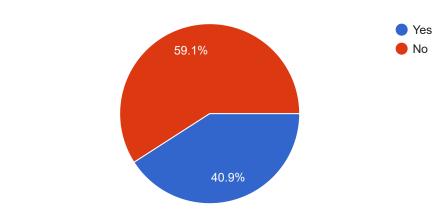
Based on your response, you have 4 people in your home.



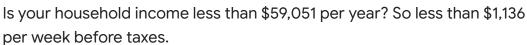
Based on your response, you have 5 people in your home.

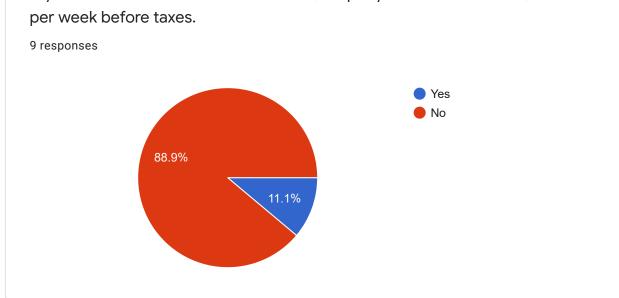






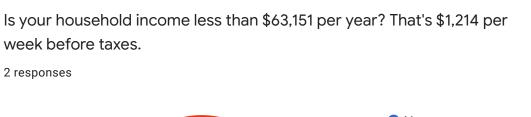
Based on your response, you have 6 people in your home.

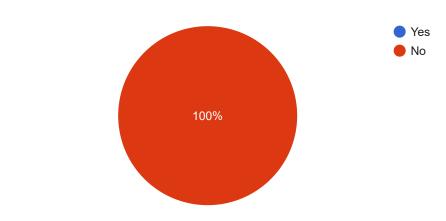




Based on your response, you have 7 people in your home.

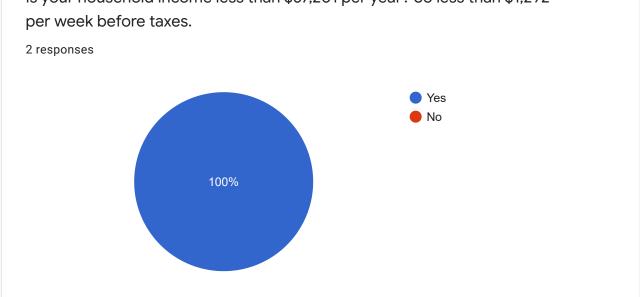






Based on your response, you have 8 people in your home.



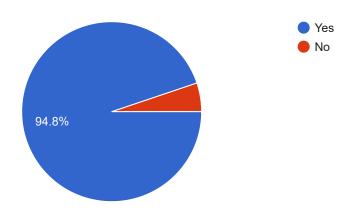


It appears you would be eligible for assistance that could extend Fiber to your home.



If we are awarded the grant and could extend Fiber to your home, would you want to sign up for CitiZip Gigabit broadband at your home?

116 responses



Please add any additional comment you would like to share with us:

41 responses

I am retired so my business is just selling my art craft occasionally. Not sure if that really should be classified as business. All of us on limited income would really appreciate the help THANKS !!!

If fiber not to expensive

I think Citizens may have already run the fiber wire up to our house from a box down closer to the road since our house was just built recently.

our internet is very slow

As long as that price isn't in addition to what we pay now.

This is a rental property. I am the owner & have Citizens internet currently set up for the tenants in my name. I have answered all the questions in this survey accurately for the tenants who actually live in the home.

Think I may be just over jurisdictional line where you are providing to, but FYI, more

### Thank You!

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# Google Forms

