

This project seeks to provide high quality and affordable broadband internet access to a majority of the rural area of Giles County, Virginia. The areas we have chosen are unserved and have a high probability of being unserved for many years to come without funding. The communities in this area are: Wolf Creek, White Gate, Staffordsville, Poplar Hill, Springdale, Trigg, Bear Springs, Bane, and Prospectdale.

These areas include approximately 711 households, around 50 businesses, and several community organizations such as churches, fire departments, and other centers. This project will cover the entire area with service and offer reduced pricing for all community organizations.

The network will be based on fixed wireless technology featuring [REDACTED]. Frequencies utilized will be [REDACTED]. The majority of customers will be connected via [REDACTED] Wimax radios capable of up to 22Mbps speeds. The entire network will be backboned with [REDACTED] radios capable of 300Mbps speeds.

Broadband plans will start at a modest \$22/month for a 1Mbps connection.

The infrastructure cost of this project will be \$761283.00. We expect approximately 85% of the population will subscribe to the service. This project will create 2.5 additional employees with WVVA.net Inc. as well as five to ten additional contracted employees in the coming year for tower construction. The project will also create countless jobs for Giles County in the future. WVVA.net has been a WISP since 2006 and an ISP since 2001. Our current network spans over 6 counties with approximately [REDACTED] customers. Our current infrastructure is designed for expansion, including the area proposed in this project. With this infrastructure, the project is ready to go into production immediately after funding approval. We expect to complete the project in 1 year's time.

[REDACTED]

[REDACTED] We hope that you see the true potential of this project and what it means for the residents of Giles County, Virginia.