

# 2022 Bedford County VATI Project – Shentel

## January 2024 Update

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### Project Summary

Shentel is constructing 430 miles of fiber to provide fiber-to-the-home (FTTH) service to 4,734 underserved/unserved homes in Bedford County. Project consists of approximately 33 Designated Service Areas (DSAs) for XGS-PON (fiber to the home) and 43 Node Packages for DOCSIS (coax cable).

### Milestones Completed

Currently, the Outside Plant Engineering team is performing field walkout and design of the DSA areas proposed in the 2022 VATI award area. This will continue until the fourth quarter of 2023, with the release of all DSAs to construction by the third quarter of 2024.

General milestones:

- 363.3 miles\* High Level Engineering Design completed
- 326 miles of permits submitted
- 293 miles\* with job packages (under review, pending permits)

\*Reduction of numbers from December is due to the removal of Montvale job packages.

### DSA Reports

#### Bedford

- BDFDVA.DSA.OO2 (460 from Shiloh Church to Krantz Corner Road, Shiloh Church Road, Twin Lakes Drive): Construction started 9/25/23, Shiloh Church Road area complete
- BDFDVA.DSA.003 (460 from Krantz Corner to Bells Mill Road, Krantz Corner Road, Timber Ridge Road up to Belltown Road, E & W Otter Ridge drives): partial release to construction where make-ready is complete and/or safe to temporarily attach
- BDFDVA.DSA.004-006 (Moneta Road from Liberty High School down to Stony Fork, Joppa Mill Road, Dickerson Mill Road, Centerville Road, Peaks Road, Three Otters Road, Parker Road): job package design in progress, preparing primary permits for submittal.

#### Goode

- GOODVA.DSA.001 (Goode Road, Bells Mill Road, remainder of Timber Ridge Road, Lowry Road, Founding Way Road): job package approved, pending permits
- GOODVA.DSA.002 (460 from Bells Mill Road to Thomas Jefferson Road, Goode Road, Terrace View Road, Bellevue Road, Goode Station Road): job package approved, pending permits
- GOODVA.DSA.003-006 (Forest Road from Goode Station to Perrowville Road, Everett Road, Ivy Creek area, Cottontown Road, Coffee Road, Old Cifax Road, Cifax Road): job package under revisions, primary permits submitted

#### Big Island

- BGISVA.DSA.001-004 (Big Island area): job packages under redesign/revision, permits submitted, broadband will now be buried due to high cost of pole attachments
- Big Otter Backbone, DSAs 001-008: job packages under redesign/revision, permits submitted. Broadband will now be buried due to high costs of pole attachments

### **Montvale**

- Montvale Backbone: on hold

### **Overall Project Timeline**

2022 Bedford County VATI Project – Contractual completion September 2024.

Shentel notes there is risk due to meeting deadline due the following:

- AEP/Bedford Electric make-ready timelines
- Higher make-ready costs from Southside Electric Cooperative may require some re-engineering design
- VDOT requirements for 4-lane road crossings
- Railroad requiring new application to provide protection service/construction monitoring coordination, approx. 90-day approval