



All Points Broadband

Clarke County Broadband Update

January 21, 2025

Regional Project Overall Status

- DHCD has approved BEAD / risk mitigation plan presented in September with timeline extension to June 2026
 - County support and engagement key to successful outcome
- Regional project progress reduces risk in Clarke County
 - Dominion middle mile scheduled for completion in 2025
 - APB construction underway in Augusta
 - SVEC has received USDA approval to proceed with RFP for supplemental make ready contractor to assist project make ready workload
- Approved risk mitigation plan reduces poles requiring attachment to less than 20,000 across regional project
 - Fewer than 1,500 poles in Clarke County
- Initial network activation expected in Clarke in Q3 2025

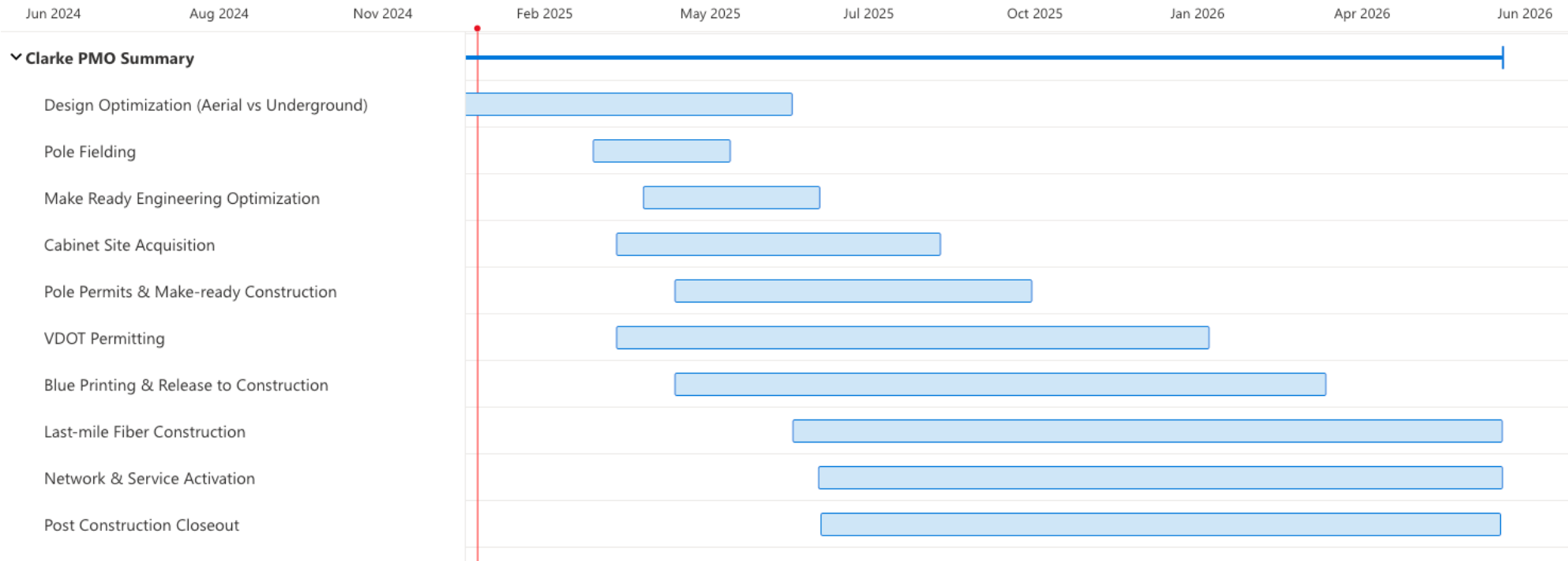
Make Ready and Undergrounding Costs

- APB and pole owners are actively coordinating to reduce costs and improve efficiency wherever possible
- Virginia has \$1.48 billion in additional federal BEAD funding to complete universal broadband deployment
- State budget mandated option to modify existing projects to ensure locations at risk of not being served through VATI would be eligible for BEAD funding
- With DHCD technical assistance and support, NSVRC and APB have executed a risk mitigation strategy to ensure all intended locations will be served with no additional county funding

Make Ready and Undergrounding Costs

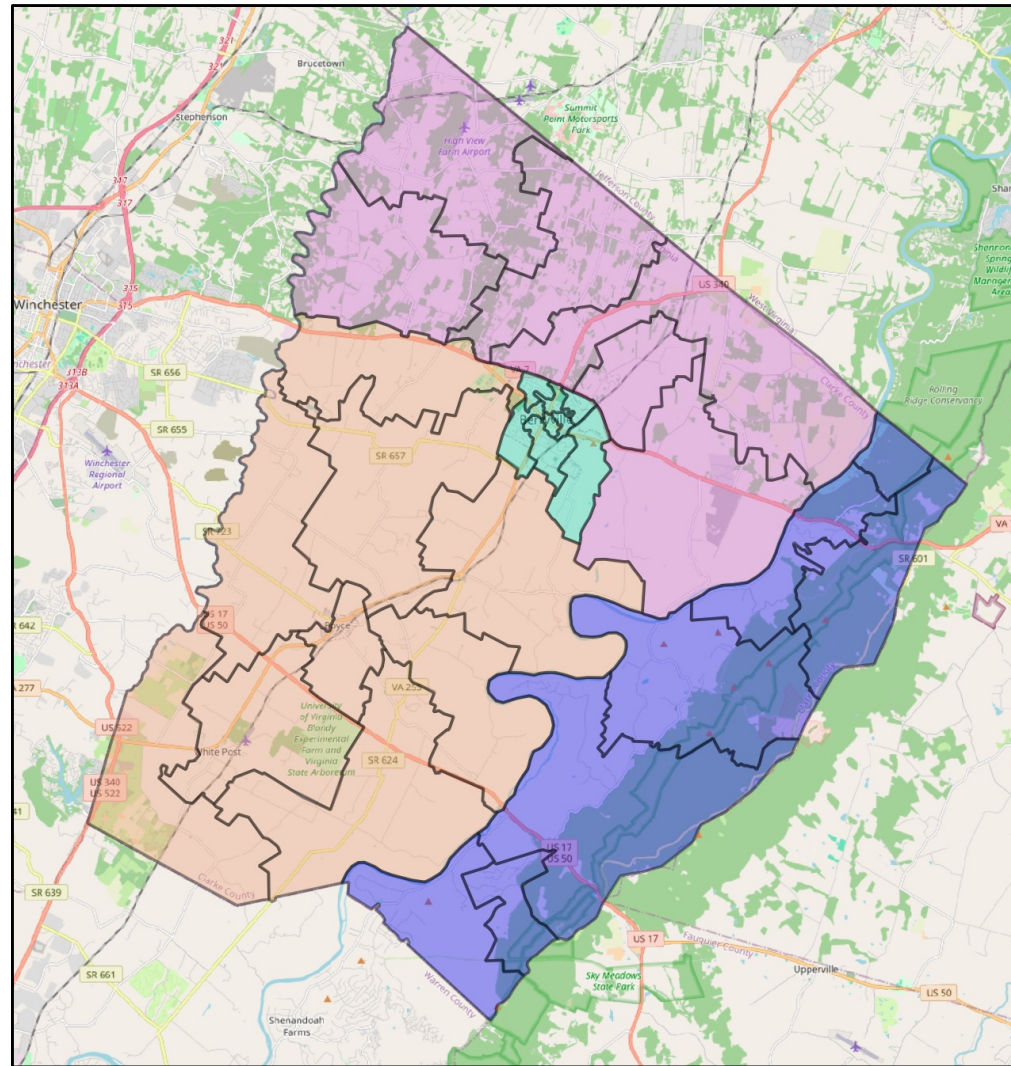
- Rescoped project will significantly reduce the % of aerial routes
 - Volume of make ready reduced by more than 70%
 - Routes are shifted underground where it is more cost effective
- ~19% of locations were shifted from VATI to BEAD to offset increased costs and ensure universal coverage
 - No additional county match required
 - No additional impact to project schedule
 - All locations included in same overall design
 - BEAD process commenced in December
 - No change to SCC process or approvals for middle mile under construction
 - No difference in service level for last-mile customers
 - NSVRC/APB agreement in place to ensure service through BEAD

Overall Schedule Summary - Clarke



- Construction to begin early Q3 2025, and complete end of Q2 2026
 - Approximately 10-12 miles constructed per month
 - Close collaboration with VDOT to maintain high permit volume

FSA/FDA Layout - Clarke

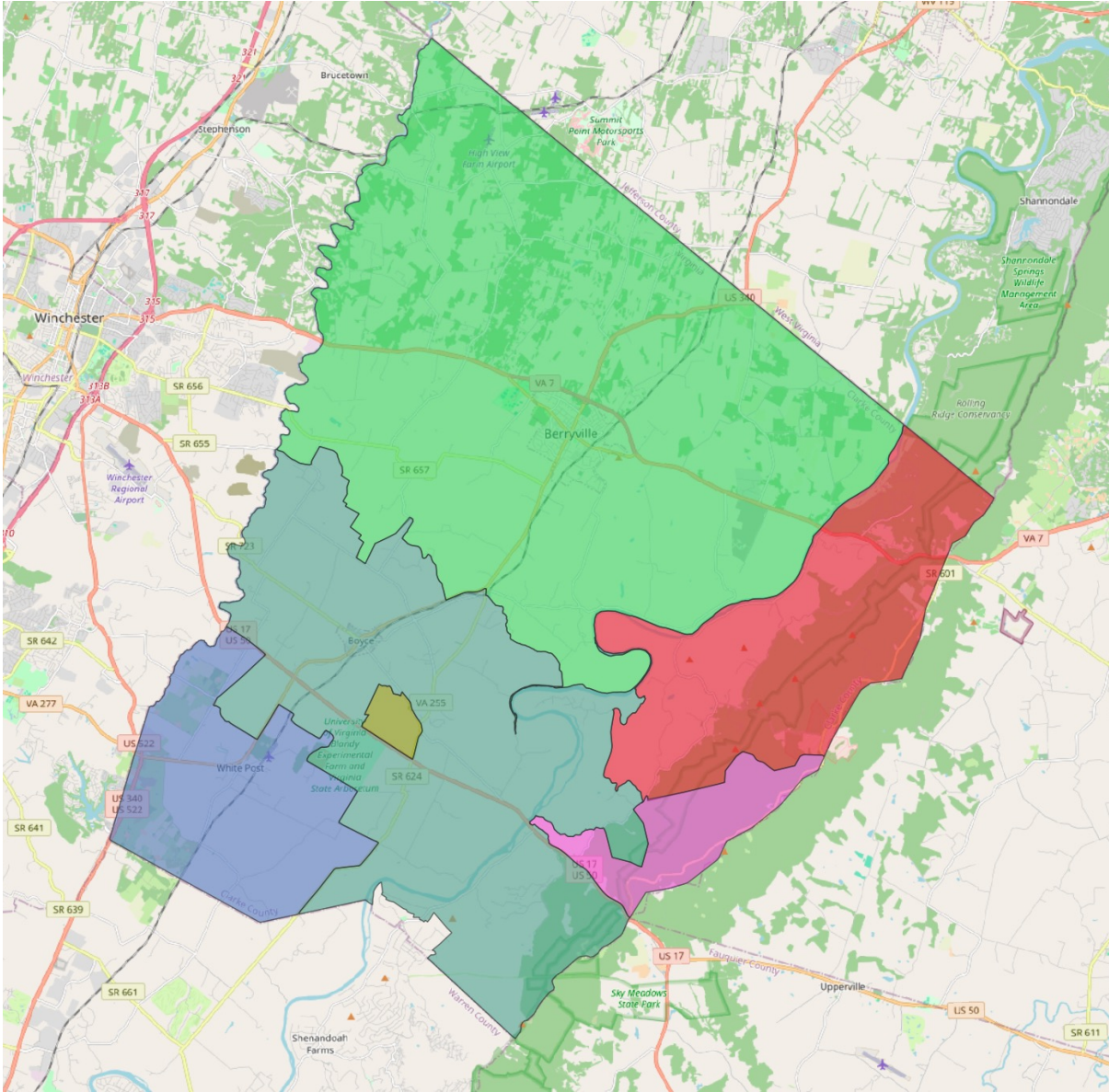


- Network activation beginning in July 2025 with service available to locations on a rolling basis through June 2026 by Fiber Service Area / Fiber Distribution Area
- Preregister at APBfiber.com for notifications approximately 60 days prior to service

Overview of Virginia's Implementation of BEAD (Infrastructure Act)

- Virginia has been allocated \$1.48 billion in federal BEAD funds to serve ~130,000 BEAD-eligible locations
 - Shifted locations are included in BEAD as planned
 - Federal law requires Virginia to extend broadband to all BEAD locations
- Virginia's BEAD program opened on December 1st with applications due March 1st
- APB is obligated to seek BEAD funding in all ZCTAs that include locations shifted to BEAD from the VATI project
 - These locations are already included in project design
 - APB will provide template for letter of support to include with application
- APB's BEAD applications will also include locations that were not eligible for VATI funding but are now eligible under BEAD's new service definitions
- DHCD is actively updating program guidelines:
 - <https://www.dhcd.virginia.gov/bead>
- BEAD-eligible list for Mar 1st application cannot be expanded; however, DHCD will continue efforts to close digital divide, so mapping data remains critical

BEAD Application Areas (ZCTAs) in Clarke County



Adding or Modifying Locations through the National Broadband Map (<https://broadbandmap.fcc.gov/>)

Modify: Click on map icon for your location to begin “Location Challenge” process

The screenshot displays the FCC National Broadband Map interface. The top navigation bar includes the FCC logo, 'FCC National Broadband Map', and a 'Sign In' link. Below the navigation bar, there are tabs for 'Home', 'Location Summary', 'Provider Detail', 'Area Summary', 'Data Download', 'About', and 'Broadband Funding Map'. The main content area is divided into a map on the left and a data panel on the right. The map shows an aerial view of a rural area with a house. A red arrow points from the text box above to a blue location pin icon on the map. Another red arrow points from the text box above to the 'Location Challenge' link in the data panel. The data panel shows the following information:

Service: Residential Technology: Any Technology Speed: ≥ 100/20

Address: 3433 BISHOP MEADE RD BOYCE, VA 22620

Selected Location: 3433 BISHOP MEADE RD BOYCE, VA 22620
Status: **Served** Residential | Unit Count: 1

Broadband Availability

Provider	Technology	Down (Mbps)	Up (Mbps)	Chall.
All Points Broadband	Unlicensed Fixed Wireless	10	1	
HughesNet	GSO Satellite	100	5	
Starlink	NGSO Satellite	220	25	
Viasat Inc	GSO Satellite	150	3	
Business-only Service				
Viasat Inc	GSO Satellite	150	4	

Add: Navigate to your location and click on screen above building to begin “Add a New Location” process

Summary

- DHCD has approved the BEAD / risk mitigation plan presented in September and timeline extension to June 2026
- Locations planned for shift to BEAD included in Virginia's BEAD-eligible database published in October
- BEAD process well underway; APB seeks confirmation of county support



Thank You