

RURAL COMMUNITY QUESTION: Does the public investment of fiber make sense if we can just launch satellites to serve rural areas?

COMMUNITY DEVELOPMENT ANSWER: Starlink \$260/yr VS Govt Fiber Approach \$201/yr per household per year of service

Calculations below reflect:

FIBER: the IRS depreciation for fiber infrastructure 24 years (although the manufacturers expectation commonly 30-50 years)

SATELLITE: the life expectancy for Starlink Satellites is 5-7 years (although explicitly stated on Starlink site 5 years lifespan)

NTIA BEAD/NYS ESD's Connect All investment of \$87 million for 17,997 households (hardest-to-serve, most rural households) across Chenango, Cortland, Tioga and Schoharie Counties.

Tech: Fiber/ Ground Infrastructure: for 24 years of service

Connect All investments (Regional Board work): \$4834 per household for life-expectancy use of 24 years

PLUS

- many electric infrastructure pole improvements
- \$70K+ annual salaries in rural communities
- Build cost: \$193 per year Consumer cost: \$55-\$99/month

VS

Starlink Build Cost (5 years of service)

\$1300 per household for life-expectancy use of 5 years

VALUE

- Fast deployment

Therefore, the Cost of Service:

Starlink \$260/yr VS Govt Fiber Approach \$201/yr per household per year of service

This community development effort was met by a collaboration of partners with Local County Planning Departments, SEEC, IAED, Southern Tier 8 Regional Board, Southern Tier Network, BOCES, NYS Department of State, Appalachian Regional Commission, ESD's Connect All Office, NTIA BEAD & the Private Sector Internet Service Providers that invested in our most rural communities. Thank you!