



Presented By:

Mac Mountain Team

www.macmtn.com

Wireless Proposal

2023



A Comprehensive Wireless Solution

Mac Mountain aims to solve the issue of poor cell phone service in the State of Vermont. We propose a public-private partnership to enhance connectivity in unserved and underserved communities. Through collaboration, we believe our plan is engineered to succeed, designed to optimize resource and coverage, and that Mac Mountain is ideally positioned to execute.

Our Solution

- Small Cell Towers (<50ft In height)
- Carrier Neutral Radio Equipment
- Citizen Broadband Radio System (CBRS) Wireless Network (Create a Vermont Network)
- Emergency Services Prioritization
- Community Data compiled from Census, Traffic Data, Crash Data, Economic Contribution Data, plus FCC and Drive Test Mapping
- Mac Mountain will design, build, own, and maintain pole sites for decades to come
- We collaborate with CUD's and local providers to collectively benefit from our technology

Pilot Communities

- Two Communities:
(2) Sites In S. Woodstock & (1) Site In Pomfret
- Privately Funded by Mac Mountain
- Pending Carrier participation, 248A permitting set to begin within the month of February '23
- Tracking to break ground Spring/Early summer 2023
- Additional sites already secured with signed Option Agreements

Unique Advantages

- Effective in complex topography
- Provides Wireless Service on existing phones
- Lower cost to entice carriers to participate
- Private Network with extensive capacity allows for creation of a 'Vermont Network' as well as expanded opportunities for CUDs
- Extensive Emergency Services Network Expansion
- Our data analytics allow us to better identify and address areas of need within our State
- Collaboration is the only way we will get this done!

Our ASK!

- **The State of Vermont Funds Equipment and CapEx**
 - For 20-30 unserved and underserved Communities similar to Pilot = \$10m (~100 poles)
- *We are working to determine what comprehensive coverage for VT will cost (approx. \$295k / community)
- **Help us entice major carriers to fulfill their commitment to rural communities by providing access to hand-off and Roam to/on our network**
- **State of VT covers ongoing Operating Expenditures**
 - OpEx for 20-30 Communities = \$4.6m (Approximately \$150k-250k / community)

Carrier Update
January 16-20th

File 248A
Permitting
120 Days

Break Ground
POC
May/June '23

FCC & Drive
Map Fleshout
Ongoing

Use Pilot as
Proxy
Ongoing

Break Ground
Statewide
Project
Spring '24

Complete
Statewide
Project
2-5 yrs