MOUNT WASHINGTON, MA
Fiber to the Home Network

FINAL DESIGN & ISP ENGINEERING   **FTTH NETWORK**   **BROADBAND EXPANSION**   **ECONOMIC GROWTH**   **INCREASED PROPERTY VALUES**

Mount Washington – one of Massachusetts' smallest towns – is located within the Mount Washington State Forest where internet was generally unavailable and cell service was sporadic at best. With only 145 full-time residents, Mount Washington remained underserved by incumbent service providers. Determined to provide 21st century broadband services, the Town took steps to build a municipally owned communications network to deliver high-speed broadband connectivity.

Facing opposition, the Town sought special permission from the Massachusetts' state legislature to finance, own and operate a municipal FTTH network without having to set up a municipal light plant per Massachusetts law. Through overwhelming citizen support, the Governor signed a bill allowing Mount Washington to build and operate the infrastructure. The Town maintains network ownership and selected a third-party service provider to offer end services to subscribers.

Mount Washington received $230,000 in grant funding from the Massachusetts Broadband Institute helping to offset some of the network build costs. To further reduce costs, residents chose whether fiber was connected to their homes, signing a three-year commitment, paying up front for high-speed internet and telephone services and contributing $300 as a startup fee toward installation.

eX², in partnership with White Mountain Cable (a subsidiary of Dycom), provided Mount Washington with engineering and installation services, including final design, procurement and turn up and testing of the electronics. The network has dedicated fiber strands to each household and provides the capability to expand to all town buildings and residents who choose to pay monthly for services.

ABOUT US
eX² Technology, a Vivacity Company, is a single source solution for those seeking to build, scale or future proof their communications infrastructure. eX² specializes in standalone and turnkey network design-build-maintain and infrastructure asset commercialization services to maximize customer revenue potential and accelerate broadband expansion throughout the nation.

TRANSFORMING
AMERICA'S INFRASTRUCTURE
ONE PARTNERSHIP AT A TIME™

EXCELLENCE IN EXECUTION.
A Vivacity Company

eX² Technology, LLC
1044 N. 115th Street, Suite 200 | Omaha NE 68154
402.817.7970
marketing@ex2technology.com
www.ex2technology.com

GOVERNMENT • TRANSPORTATION • COMMUNICATIONS • UTILITIES • PRIVATE ENTERPRISE