

CONNECT

FOCUS ON: *PUBLIC SAFETY* *MICROWAVE NETWORK*

The planned broadband microwave portion of the **Network New Hampshire Now (NNHN)** project is a collaborative initiative among the NH departments of Safety, Transportation, National Guard, Resources and Economic Development, and New Hampshire Public Television (NHPTV). Managed in its creation by NHPTV, this project will be an important public safety adjunct to the planned middle mile broadband fiber network.

The agencies involved in creating this broadband microwave network are consolidating their existing microwave networks into a single high-speed, shared, point-to-point wireless broadband network. This new 21-site network will provide next-generation IP connectivity for public safety, including state police, sheriff's offices, fish and game, forest rangers, Bureau of Trails, and N.H. National Guard. Once completed, the consolidation will free up tower space for commercial providers of mobile and wireless broadband to co-locate facilities and expand their coverage.

Using the new microwave capabilities, the New Hampshire Department of Transportation (DOT) plans to accelerate its statewide Intelligent Transportation System (ITS) program in the more rural sections of the state, such as Coos County. Under these plans, the microwave network will provide the connectivity DOT needs to collect weather data and send motorist advisory messages using ITS highway camera systems and changeable message signs.

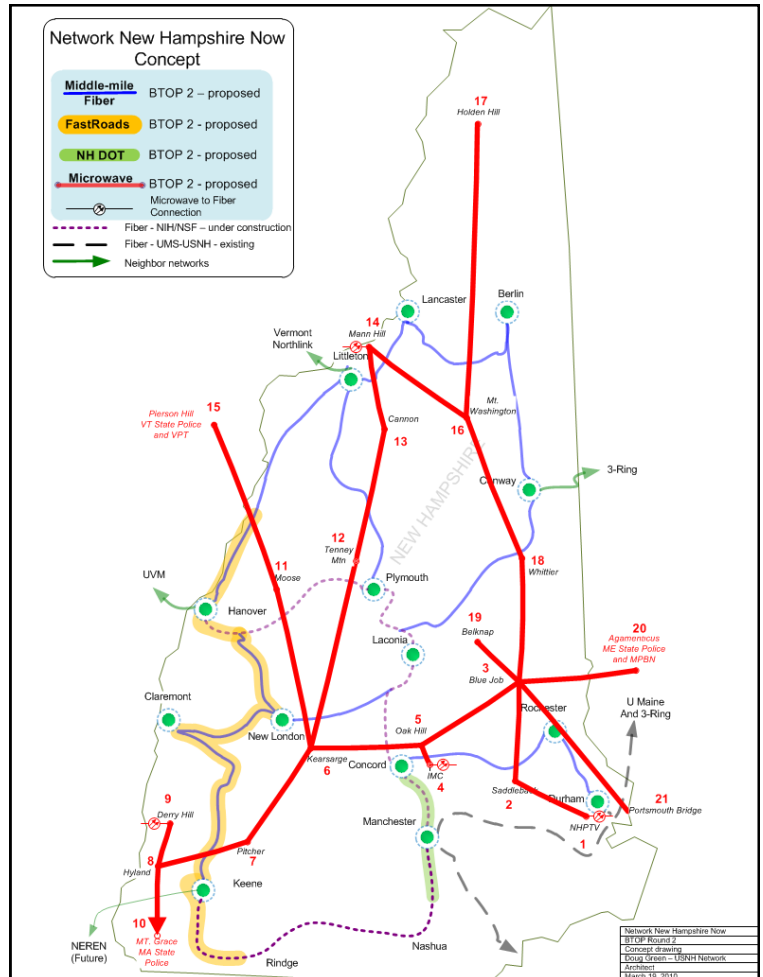
NHPTV plans to implement digital television (DTV) datacasting as part of this project. Datacasting is a new technology that allows NHPTV to embed data into its statewide television signal and then deliver the encrypted public safety information to moving vehicles, traffic signs, and emergency operations centers.

Next steps:

March 2011 – Award contract to microwave integration partner.

Summer 2011 – Commence microwave network construction.

December 2012 – Network completed



NNHN Memorandum of Agreement signing (from l to r): - President & CEO Peter A. Frid , New Hampshire Public Television; Commissioner George M. Bald, New Hampshire Department of Resources and Economic Development; Adjutant Major General William N. Reddel, III, NH National Guard; Commissioner John J. Barthelmes, New Hampshire Department of Safety; Commissioner George N. Campbell, Jr., New Hampshire Department of Transportation.

CONNECT with NetworkNHNow

Want to get involved, learn more or donate?

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