

CONNECT

The Newsletter from Network New Hampshire Now

PROGRESS CONTINUES....



Much of the tower construction for the improved public safety broadband micro-

wave network has been completed and the stakeholders are currently testing the new network and preparing for a cutover in June. NHSafeNet vendor Green Mountain Communications has installed equipment on 18 sites and is currently working with the State of Maine to install equipment on Mt. Ossipee. The NH Department of Safety and NH Public Television are in the process of installing data-casting equipment that will broadcast high-bandwidth data to public safety entities utilizing NHPTV's transmitters.



An unusual view: The back of a microwave dish installed on one of the towers.



The New Hampshire Department of Transportation is nearing completion of 20 miles of fiber for their Intelligent Transportation System (ITS). Bridge crossings are currently being completed and the fiber is expected to be pulled in the next month. This new fiber will expand the ability to communicate messages on the highway between the Traffic Management Center in Concord and electronic signs on I-293, I-93, I-89, Rt 101, and the Everett Turnpike as well as support the open tolling expansion at the Hooksett tolls.

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New Hampshire Optical Systems (NHOS) has received licenses on 95% of the utility poles and has constructed 540 miles of fiber as of April 2013. The Groton Wind Farm fiber hanging was completed on poles towering as high as 80 feet. NHOS has also completed fiber installation between Manchester and Hanover. The University System of New Hampshire's research and educational network, called IBEAM, has upgraded network capacity to Dartmouth and Plymouth State University. The new network was tested by passing 36 terabits (which is equivalent to over 198 million single spaced typewritten pages) of information per hour with no loss of data! Other highlights include new fiber installed in conduit on the newly constructed bridge between Dover and Newington.



New Hampshire Optical Systems' contractor Waveguide has constructed aerial fiber in Gorham, NH.



Fiber Construction in the Groton Wind Farm completed in March 2013.



New Hampshire FastRoads has constructed over 50% of its route and has completed construction of aerial fiber in Rindge. Enfield's fiber is currently under construction. NHFastRoads has received commitments from over 500 residences to connect to the network. Plans are underway to connect 235 Community Anchor Institutions on the network between Rindge and Orford. NHFastRoads is scheduled to start providing service this summer.