

The State of New Hampshire
Before the
Public Utilities Commission
Docket No. 11-019

PETITION OF TELJET LONGHAUL LLC FOR LICENSE TO CONSTRUCT AND MAINTAIN FIBER OPTIC CABLES OVER AND ACROSS WILTON - BENNINGTON RAILROAD BETWEEN UTILITY POLE 40/1:4/4 AND POLE 6/1:4/1:342 IN WILTON NH.

TO THE PUBLIC UTILITIES COMMISSION:

Teljet Longhaul LLC, a Competitive Local Exchange Carrier ("CLEC") in the State of New Hampshire, hereby petitions the Public Utilities Commission ("Commission"), pursuant to RSA 371:17, for a license to construct and maintain fiber optic cables over and across a rail line of the Wilton Bennington Railroad in Wilton, NH. In support of its petition Teljet Longhaul LLC states as follows:

1. In order to meet reasonable requirements of service to the public, Teljet Longhaul LLC is proposing to construct a new fiber optic cable, to expand its fiber network, which is used for the purpose of providing Telecommunications Services to customers in New Hampshire.
2. The new line will cross the Wilton Bennington Railroad at the intersection of Island St and Burns Hill Rd.
3. The location of the proposed crossing is shown on the attached location map.
4. The design and proposed construction of this crossing is shown on the attached profile drawing entitled "Proposed Wilton-Bennington Railroad Crossing - Wilton, NH." Approval to construct and maintain this fiber optic cable has been obtained from the Wilton Bennington Railroad. The construction will be performed once approved by the NHDOT Bureau of Rail and Transit. The crossing will maintain the proper clearances of the NESC. See NESC, Table 232-1.
5. The proposed crossing will be placed between two existing jointly owned utility poles set approximately 192' feet apart. The poles are jointly owned by Public Service of New Hampshire, TDS Telecommunications Corp. and Fairpoint Communications. The existing pole on the southwest side of Island Street, pole number 40/1:4/4 is approximately 50 feet tall. The existing pole on the northeast side of the Burns Hill Rd, pole number 6/1:4/1:342 is

approximately 50 feet tall. All make-ready work has been completed that was identified by the pole owners when surveyed for space for Teljet to attach. The Teljet attachment will be made up of two materials; strand (nominal diameter ¼ in. 7-strand steel EHS) and one non-selfsupporting cable, (added diameter = 0.858, weight = 0.196/ft). The strand and non-selfsupporting cable will be sagged using heavy load condition (0° F, pounds 4.0 psf wind loading and ½" radial ice) with the maximum tension of 1857 lbs under that load.

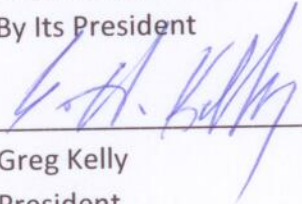
6. Using the above design criteria, the maximum sag of the non-supporting cable and minimum clearances for the crossing have been determined and designed as follows:
 - A. 0° F, Non-supporting cable – The maximum sag on the fiber optic cable midspan under this condition is 1.44'. The minimum clearance to land is 25.97'.
 - B. 50° F, Non-supporting cable – The maximum sag on the fiber optic cable midspan under this condition is 1.77'. The minimum clearance to land is 25.65'.
 - C. 120° F, Non-supporting cable – The maximum sag on the fiber optic cable midspan under this condition is 2.34'. The minimum clearance to land is 25.07'.
7. There are no NHDES permits necessary but a NHDOT permit required is required from the DOT Rail Division (submitted simultaneously) for the construction of this crossing.
8. The proposed crossing has been designed and will be constructed, maintained and operated by Teljet Longhaul LLC, its affiliates and contractors.
9. Teljet Longhaul LLC submits that the license petition for herein may be exercised without affecting the Wilton-Bennington Railroad in Wilton, NH. Minimum safe line clearances above the railroad surface will be maintained at all times.

WHEREFORE, TELJET LONGHAUL LLC respectfully requests that the Commission:

- A. Find that the license petitioned for herein may be exercised without affecting the Wilton-Bennington Railroad which is the subject of this petition;

- B. Grant Teljet Longhaul LLC a license to construct and maintain fiber optic cables over and across the Wilton-Bennington Railroad in Wilton, NH as specified in this petition; and
 - C. Issue an Order Nisi and orders for its publication.
- Dated at Williston Vermont the 13th day of April 2011.

Respectfully submitted,
Teljet Longhaul LLC
By Its President



Greg Kelly
President

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