

**The State of New Hampshire
Before the
Public Utilities Commission**

segTEL, Inc.

February 22, 2011

Docket No: DT 11-___

**PETITION FOR LICENSE TO CONSTRUCT AND MAINTAIN
FIBER OPTIC CABLE OVER AND ACROSS PUBLIC WATERS OF THE
MERRIMACK RIVER IN HOOKSETT NEW HAMPSHIRE**

segTEL, Inc. (segTEL), a public utility and telecommunications company in the State of New Hampshire, hereby petitions the New Hampshire Public Utilities Commission (“Commission”), pursuant to RSA 371:17, for a license to construct and maintain telecommunication lines over and across the Merrimack River in the Town of Hooksett, New Hampshire. In support of its petition segTEL states as follows:

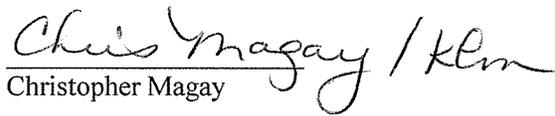
1. In order to meet reasonable requirements of service to the public, segTEL is proposing to construct a new fiber optic line to accommodate demand and improve service reliability.
2. The location of the proposed crossing is shown on the attached location map.
3. The design and proposed construction of the crossing is shown on the attached engineered plan profile drawing.
4. The proposed crossing will occur between two replacement poles in the same location as existing utility poles jointly owned by Fairpoint Communications and Public Service Company of New Hampshire. The poles in question are identified on the diagram as Utility Pole 6 / 506 / 8 and NET 73 / PSCO 25. The segTEL fiber optic cable will be attached as shown on the accompanying drawing. The installation will be in compliance with the National Electric Safety Code and all applicable Commission rules and orders. All necessary licenses required by the pole owners have been applied for and are in process.
5. The line will be made up of two materials: 1/2”, extra high strength (EHS) galvanized steel strand; and two non-supporting fiber optic cables, added diameter equal to 0.79”, and weight of 0.177 lb/ft for each non-supporting cable. The strand and non-supporting cables will be sagged using the Heavy Load condition with maximum tension of 13,763 lbs under that load on the upper pole.
6. There are no New Hampshire Department of Environmental Services or New Hampshire Department of Transportation permits required for the construction of the crossing.
7. The proposed crossing has been designed and will be constructed, maintained and operated by segTEL, its affiliates and contractors.

segTEL submits that the license petitioned for herein may be exercised without substantially affecting the rights of the public in the crossing of the Merrimack River. Minimum safe line clearances above the water surface will be maintained at all times. The use and enjoyment by the public of the river will not be diminished in any material respect as a result of the overhead line crossing.

WHEREFORE, segTEL respectfully requests that the Commission:

- a. Find that the license petitioned for herein may be exercised without substantially effecting the public rights in the public water which are the subject of this petition;
- b. Grant segTEL a license to construct and maintain communication lines over and across the public waters of the Merrimack River in Hooksett, NH as specified in this petition; and
- c. Issue an Order Nisi and orders for its publication.

Respectfully submitted,
segTEL, Inc.
By


Christopher Magay

segTEL, Inc.
Chris Magay RCDD
Project Manager/Fiber Engineer
PO Box 610
Lebanon, NH 03766
(603) 801-0939
chris@segTEL.com

Attachments: Cable sag calculations