# Letter of Transmittal

**EVERSOURCE ENERGY**  
247 Station Drive  
Southeast 210  
Westwood, MA 02090  

**Date:** May 23, 2018  
**Project No.:** West Roxbury to Needham DCT Separation Project  
**Re:** Town of Needham Grant of Location Petition Package

**To:**  
Town of Needham  
Board of Selectmen  
Sandra J. Cincotta  
Support Services Manager

We are sending you:  
☒ Attached  
☐ Under separate cover via: ________________________________

The following items:

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Remarks:  

Received by:  

Signature and date received:
May 23, 2018

Town of Needham
Board of Selectmen
1471 Highland Avenue
Needham, MA 02492
Attn: Sandra J. Cincotta

RE: Petition for Grant of Location in Town Ways

Dear Mrs. Cincotta:

Pursuant to G.L. c. 166 § 22, NSTAR Electric Company d/b/a Eversource Energy (hereinafter the “Petitioner” or “Eversource”), a company incorporated for the transmission of electricity for lighting, heating or power, hereby submits this Petition for a Grant of Location (“GOL”) to the Town of Needham, MA. See attached Exhibit A. The Petitioner respectfully requests the Town of Needham by order to issue the GOL to the Petitioner for construction of a new electric transmission line within public ways as provided for herein. See attached Exhibit B.

Project Description

Approximately 15,000-feet of new underground transmission line cable are proposed to be installed within the public ways of the Town of Needham. The proposed underground transmission line will consist of a “duct bank” with electric transmission cables installed within individual High-Density Polyethylene (“HDPE”) conduits. The duct bank will consist of four 8½-inch-diameter HDPE conduits, as well as two 4-inch-diameter Polyvinyl Chloride (“PVC”) conduits, and two 2-inch-diameter PVC conduits to carry communications lines and ground continuity conductors.

Project Route

In the Town of Needham, the underground project route along public ways commences at a point located at 15 Valley Road and continues west then south for approximately ¼ of a mile then turns to the southwest at the intersection of Peacedale Road. It follows Peacedale Road for approximately ¼ of a mile to the intersection of Great Plain Avenue where it turns to the northwest. Then it continues for approximately 2/10 of a mile to the intersection of South Street then turns to the South. Then it follows along South Street for approximately 14/10 miles to the intersection of High Rock Street where the route turns slightly to the north. Then it follows along High Rock Street for approximately 5/10 of a mile to the point where the existing Eversource Transmission Line right-of-way is located. See Exhibit C for a 1”= 6,000’ scale aerial locus map of the project.
Project Design

The HDPE and PVC conduits placed in the duct bank will be encased in a thermal concrete envelope. The typical duct bank trench will be approximately four feet wide and five feet deep. Manholes will be installed along the underground cable route spaced approximately 1,500 to 1,800 feet apart. Each manhole will be approximately 8 feet wide by 8 feet high and 24 feet long. See attached Exhibit D for project plan and profile drawings for the proposed duct bank, duct bank cross section data, trench backfill specifications.

Municipal Permits

Upon issuance of the requested GOL, Eversource’s contractor shall obtain all required local municipal permits prior to beginning work within the Town (e.g., street opening, curb cut, trench permits, etc.). The Contractor shall work with the Town’s engineering and public works departments to ensure that all disturbances to the public are avoided and/or minimized to the greatest extent possible. Eversource will provide contact information for appropriate personnel for use by Town officials and concerned citizens during construction activities. Lastly, please see the attached Exhibit E for a list of abutters that has been provided by the Town.

As such, Eversource respectfully requests the Town to issue a GOL as set forth above. If you have any questions or require additional information, please contact me at your earliest convenience.

Sincerely,

Theresa Feuersanger
Supervisor
T & D Rights and Survey
Eversource Energy
247 Station Drive SE210
Westwood, MA 02090

Email: Theresa.Feuersanger@eversource.com
Office: (781) 441-8277
Fax: (781)441-8909
Grant of Location Request
West Roxbury to Needham DCT Separation Project

Exhibit A
Grant of Location Petition
PETITION FOR GRANT OF LOCATION FOR  
WIRES, CABLES, POLES, PIERS, ABUTMENTS, CONDUITS OR FIXTURES  

Town of Needham, Massachusetts  
Board of Selectmen  
Date: May 23, 2018  

RESPECTFULLY represents NSTAR ELECTRIC COMPANY d/b/a/ EVERSOURCE ENERGY (hereinafter known as the PETITIONER) a company incorporated for the transmission of electricity, lighting, heating or power, that it desires to construct upon, along, under or across the public way(s) of the Town of Needham, wires, cables, poles, piers, abutments, conduits or fixtures.  

WHEREFORE, your PETITIONER prays that, after due notice and public hearing as provided by law, the Board of Selectmen may by Order grant to the PETITIONER permission to construct, in accordance with plan(s) dated May 10, 2018, the following (describe work):  

Installation of new 115 kV underground transmission line beneath and within the public ways of the Town of Needham along Valley Road, Peacedale Road, Great Plain Avenue, South Street and High Rock Street. The underground transmission line will consist of a “duct bank” with electric transmission cables installed within individual High-Density Polyethylene (“HDPE”) conduits. The duct bank will consist of four 8 5/8-inch-diameter HDPE conduits, as well as two 4-inch-diameter Polyvinyl Chloride (“PVC”) conduits, and two 2-inch-diameter PVC conduits to carry communications lines and ground continuity conductors.  

The PETITIONER understands and agrees that:  

1. PETITIONER shall locate and complete all work as specified and approved by the Town.  
2. PETITIONER shall comply with the requirements of existing ordinances and such as may hereafter be adopted governing the construction.  
3. PETITIONER shall perform all work to the requirements and satisfaction of the Department of Public Works or other such officer(s) as may be hereafter appointed by the Town.  
4. PETITIONER shall not commence work until after the Energy Facility Siting Board issues the final decision authorizing the work.  

For the PETITIONER:  
By:  
Theresa Fuersanger  
Supervisor, T&D Rights & Survey  
Date: May 23, 2018  

Town of NEEDHAM, Massachusetts  
Received and filed _______________, 2018  
By:  
Title: ____________________________
Grant of Location Request
West Roxbury to Needham DCT Separation Project

Exhibit B
Order for Grant of Location
ORDER FOR GRANT OF LOCATION FOR
WIRES, CABLES, POLES, PIERS, ABUTMENTS, CONDUITS OR FIXTURES

Town of Needham, Massachusetts
Board of Selectmen
Date: June 12, 2018

WHEREAS, NSTAR ELECTRIC COMPANY d/b/a EVERSOURCE ENERGY (hereinafter known as the PETITIONER) has petitioned for permission to construct a line for the transmission of electricity for lighting, heating or power upon, along, under or across the public way(s) of the Town of Needham, the following (describe work):

Installation of new 115 kV underground transmission line beneath and within the public ways of the Town of Needham along Valley Road, Peacedale Road, Great Plain Avenue, South Street and High Rock Street. The underground transmission line will consist of a “duct bank” with electric transmission cables installed within individual High-Density Polyethylene (“HDPE”) conduits. The duct bank will consist of four 8 5/8-inch-diameter HDPE conduits, as well as two 4-inch-diameter Polyvinyl Chloride (“PVC”) conduits, and two 2-inch-diameter PVC conduits to carry communications lines and ground continuity conductors.

AND WHEREAS, notice has been given and a hearing held on said petition as provided by law;

NOW THEREFORE BE IT ORDERED that the PETITIONER be and hereby is granted permission to construct and a location for the construction described above, all in accordance with the following conditions:

1. PETITIONER shall locate and complete all work as shown by plan(s) dated May 10, 2018, and as may have been amended by the Town.
2. PETITIONER shall comply with the requirements of existing ordinances and such as may hereafter be adopted governing the construction.
3. PETITIONER shall perform all work to the requirements and satisfaction of the Board of Selectmen or other such officer(s) as may be hereafter appointed by the Town.
4. PETITIONER shall not commence work until after the Energy Facility Siting Board issues the final decision authorizing the work.

1. _____________________________________________
2. _____________________________________________
3. _____________________________________________
4. _____________________________________________
5. _____________________________________________

Board of Selectmen
the Town of
NEEDHAM
CERTIFICATE

We hereby certify that the foregoing Order was adopted by the Board of Selectmen on the _____

day of _________________, 2018 after due notice and public hearing as prescribed by Section 22 of

Chapter 166 of the General Laws and any additions or amendments thereto, after written notice of

the time and place of the hearing mailed at least seven days prior to the date of the hearing by the

Selectmen to all owners of real estate abutting upon that part of the way(s) upon, along or across

which the line is to be constructed under said Order, as determine by the last preceding assessment

for taxation, and public hearing held on the _____ day of _____ 2018 at

________________________________________ in said Town.

1. ______________________________
2. ______________________________
3. ______________________________
4. ______________________________
5. ______________________________

Board of Selectmen

the Town of

NEEDHAM

CERTIFICATE

I hereby certify that the foregoing are true copies of the Order of the Board of Selectmen of the

Town of NEEDHAM, Massachusetts, duly adopted on the _____ day of _________________,

2018, and recorded with the records of location Orders of said Town, in Book ______, Page

_______ and of the certificate of notice of hearing thereon required by Section 22 of Chapter 166

of the General Laws and any additions thereto or amendments thereof, as the same appear of

record.

Certified Attest: __________________________ Date: ___________

Clerk of the Town of NEEDHAM, Massachusetts
Grant of Location Request
West Roxbury to Needham DCT Separation Project

Exhibit C
1"=6,000' Scale Aerial Locus Map
Grant of Location Request
West Roxbury to Needham DCT Separation Project

Exhibit D
Project Plan and Profile Drawings
Grant of Location Request
West Roxbury to Needham DCT Separation Project

Exhibit E
List of Abutters