West Roxbury to Needham Reliability Project

Needham Board of Selectmen
Public Meeting

November 14, 2017
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• Construction & Traffic Management Plans
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Overview

• The West Roxbury to Needham Reliability Project proposes to separate the existing overhead lines between West Roxbury and Needham to improve system reliability.

• The line separation work will occur by:
  1. Relocating one set of existing wires to a new set of poles installed within the existing ROW.
  2. The separated line will exit the ROW and transition from an overhead line design to an underground line design located primarily in local streets to the Needham Substation on Chestnut Street.

• When the line separation work is complete, one of the existing overhead wires currently located between Valley Road and Needham Substation will be removed along with the support arms. The existing structures will remain along this stretch but with one less overhead wire and set of arms.
Project Status/Process

- Planning studies/identification of project need
- Development of project concept
- Preliminary approval by ISO
- Project development
  - Data collection
  - Routing analysis
  - Meeting with local officials and stakeholders
  - Open houses
  - Development of alignment plans (ongoing as permitting advances)
- EFSB Permitting
  - Application
  - Notice
  - Public Hearing
  - Information requests
  - Evidentiary Hearings
  - Briefs
  - Issuance of Decision
- Municipal Permitting
- Construction / Abutter & municipal outreach coordination (anticipated Q2 2018-Q2 2019)
Typical Construction Schedule & Duration for UG Transmission Line Work in Public Roads
Construction Overview: Underground Duct Bank
Typical Construction Steps

Dig Trench

Install Pipes
Typical Construction Steps

Concrete Placed

Trench Backfilled
Typical Construction Steps

Temporary Paving

Permanent Paving
### West Roxbury to Needham Reliability Project Timeline

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*Subject to change

**Pending EFSB Approval

**Construction: 2018/2019

**In-Service Date: 2019
Managing Traffic Impacts During Construction

- Traffic Management Plan
  - Developed jointly with Municipalities, MBTA, Schools and Public Safety Officials.
  - Police details paid by Project
  - Maintain access to homes and businesses at all times
  - Hours of Construction as permitted per the Town
  - Maintain pedestrian safety

- Communicate and with neighbors and communities throughout the process by providing:
  - Door-to-door outreach
  - Informational mailings to abutters
  - Project website with progress updates
  - Project hotline and e-mail
Proactive Community Outreach:

Stakeholders:
- Municipality, and appropriate state and federal elected officials and regulators
- Property owners & tenants
- Businesses
- Community Groups

Communication tactics:
- Briefings & Presentations
- E-mail updates

Public:
- Project e-mail
- Transmission 1-800 Hotline
- Community Open Houses
- News Releases/Media Advisories
- Customer Letters
- Doorhangers
Project Next Steps

- EFSB Decision anticipated Q1 2018

- Prepare materials for grants of location and street opening permits / advance project plans in consultation with town officials:
  - Final engineered drawings
  - Traffic Management Plans
  - Work hours
  - Post-construction restoration plans

- Continue discussions with town officials, residents and other stakeholders regarding the proposed project and steps that will be taken to avoid and minimize impacts to the community
PROJECT HOTLINE: 1-800-793-2202

Email: TransmissionInfo@eversource.com