



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

November 21, 2016

Kurt I. Nelson
Specialist, Project Siting & Permitting
Eversource Energy
13 Legends Drive
Hooksett, NH 03106

Subject: Application of Public Service Company of New Hampshire d/b/a Eversource Energy ("Eversource") for a Certificate of Site and Facility for the Construction of a New 115kV Transmission Line from Madbury Substation to Portsmouth Substation SEC Docket No. 2015-04

Dear Mr. Nelson:

New Hampshire Department of Transportation submits the attached comments to the April 4, 2016 applications to install an electric transmission line, including related conduit, cable, wires, poles, structures and devices across, over and along certain State highways relative to the above referenced project.

Eversource Energy is requested to address the attached comments and resubmit updated applications, plans and supporting documents.

Please do not hesitate to contact me if you need further information.

Sincerely,

Melodie A. Esterberg, PE
Chief of Design Services

MAE/lds

cc: D. Rodrigue
D. Smith
B. Schutt

NHDOT Comments to NHDOT Applications for Seacoast Reliability Project
(115 kV Electric Transmission from Madbury substation to Portsmouth substation)

General

1. Right-of-Way type (ROW/CAROW/LAROW) needs to be shown on plan sheets and Environmental Maps.
2. Bridge abutment locations need to be shown of plan sheets.

Site Specific

Madbury Road Crossing

1. Proposed and existing facilities will be a construction concern for future maintenance and replacement of the bridge. NHDOT requests the crossings be moved northwest to not be over the bridge. Can existing and proposed facilities be co-located on the same poles where crossing the right-of-way of Madbury Road.
2. Proposed construction access from outside the CAROW is acceptable.

NH 4 Crossing

1. Proposed and existing facilities will be a construction concern for future maintenance and replacement of the bridge. Especially the angle crossing from separate pole structures on the north side of NH 4 to a single pole structure on the south side of NH 4. NHDOT requests the existing and proposed crossings be moved westerly to not be over the bridge on single pole structures crossing NH 4.
2. Proposed construction access from outside the ROW is acceptable.

NH 108

1. No concerns with the proposed aerial facilities crossing NH 108 on the same pole structures as the existing facilities outside the ROW.
2. Proposed construction access need to be shown.

Spaulding Turnpike Ramp 1 (Woodbury Avenue Extension)

1. No concerns with the existing aerial facilities proposed to be relocated northerly and proposed aerial facilities located southerly of the relocated existing facilities across Woodbury Avenue Extension.
2. Proposed construction access from Woodbury Avenue Extension as stated in the Use & Occupancy Agreement created for the Newington-Dover 11238-M project when existing electric facilities were relocated within Eversource Energy's existing easement is acceptable.

Spaulding Turnpike Ramp 2 (Spaulding Turnpike Southbound Off and On-Ramp)

1. Proposed northwest relocated structure #11 and new structure #125 are too close to the edge of pavement of the Southbound Off-Ramp and need to move northwesterly to the area of the existing structure #11.
2. Proposed construction access for northwest structures (#11 & #125) from Woodbury Avenue Extension as stated in the Use & Occupancy Agreement created for the Newington-Dover 11238-M project when existing electric facilities were relocated within Eversource Energy's existing easement is acceptable.
3. Proposed relocated structure #12 and new structure #126 appear to be close to the relocated M & N Operating Company high pressure gas transmission pipeline.
4. Proposed construction access for southeast structures (#12 & #126) from the Southbound Off-Ramp is not acceptable. Construction access for southeast structures shall be from the gate in the Right-of-Way fence south of the City of Portsmouth water facilities parcel.

Spaulding Turnpike Parallel Construction

1. No concerns with the proposed locations of the existing aerial facilities relocated to the east towards the Spaulding Turnpike from the Southbound Off and On-Ramps to the gate in the Right-of-Way fence south of the City of Portsmouth water facilities parcel. No concerns with the proposed locations of the new aerial facilities being west and parallel to relocated and unmoved existing facilities along the Spaulding Turnpike including structures #135, #136 and #137 which will contain existing and proposed circuits.
2. Proposed construction access from the Southbound Off-Ramp for structures #13, #14, and #127 through #132 is not acceptable. Construction access shall be from the gate in the Right-of-Way fence south of the City of Portsmouth water facilities parcel.
3. Proposed construction access from the Water Treatment Basin north of the Spaulding Turnpike southbound Off-Ramp to Gosling Road for structure #133 and from the Spaulding Turnpike southbound Off-Ramp to Gosling Road for structures #134, #135, #136, and #137 is acceptable with the work performed during non-peak traffic volumes.

Spaulding Turnpike/NH 4/16 Crossing

1. No concerns with proposed aerial facilities crossing the Spaulding Turnpike with structures outside the Limited Access Right-of-Way (LAROW) and construction access from the Spaulding Turnpike southbound Off-Ramp to Gosling Road for structures #137 with the work performed during non-peak traffic volumes and from outside the Spaulding Turnpike LAROW for structure #138.

Woodbury Avenue Crossing

1. No concerns with the northerly aerial facility proposed to be relocated northerly and the proposed aerial facility crossing Woodbury Avenue parallel with the existing facilities southerly of the relocated facility with structures outside the ROW.
2. Proposed construction access needs to be shown.