

July 7, 2017

Robert Stein, Chairman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

**Re: Petition 1058  
1990 Line Structure Replacement Project  
Development & Management Plan Change Request to Add FAA Lighting**

Dear Chairman Stein:

The Connecticut Siting Council (“Council”) approved The Connecticut Light and Power Company’s (now dba Eversource Energy) (“Eversource”) Development and Management Plan (“D&M Plan”) for the 1990 Line Structure Replacement Project (“Project”) on July 25, 2013 and December 12, 2013. Section 7.2.2 of the D&M Plan is a “D&M Plan Change Approval Process” and, in accordance with that process, Eversource seeks the Council’s approval for a D&M Plan change in the towns of Oxford and Middlebury as described below.

Subsequent to the construction of the Project, and in connection with lighting determinations made by the Federal Aviation Administration (“FAA”) and approved by the Council for similar lighting on structures in the same right-of-way for the Towantic Switching Station and Line Modification Project (Petition 1226), Eversource has received determinations from the FAA to install steady-state red obstruction lighting on three of the 1990 Line transmission structures. Accordingly, please see:

Attachment 1 – Revised mapsheet 17 of 36 showing the proposed lighting locations

Attachment 2 – Structure cross section diagram of the proposed installation

Attachment 3 – Representative photographs of the proposed lighting.

Eversource is providing notice of the proposed D&M Plan change to the affected property owners and chief elected officials in the towns of Middlebury and Oxford.

Petition 1058  
D&M Plan Change

Enclosed is an original and 15 copies of this submission.

Should you or the other Council members have any questions regarding this submission, please do not hesitate to contact me.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "S. M. P. Senly". The signature is fluid and cursive, with a large loop at the end.

Enclosures

**Proposed  
FAA  
Lighting  
Locations**

**Existing  
FAA  
Lighting  
Locations**

**Attachment A**

- ENVIRONMENTAL EROSION CONTROL NOTES:**
- SILT FENCE ON DOWNSLOPE ALONG CONSTRUCTION AREA & AROUND SPOIL PILE (IF APPLICABLE). SPOIL PILE IN UPLANDS IF POSSIBLE
  - WHEN GRADING OR CREATING ACCESS ROADS, TERRACING OR INSTALLATION OF WATER BARS AND/OR SILT FENCE PERPENDICULAR TO THE SLOPE
  - SILT FENCE ON DOWNSLOPE OR ALONG BOTH SIDES OF ACCESS ROAD IF SLOPING IN BOTH DIRECTIONS
  - INCLUDES 1 OR 3 AND TEMPORARY FILM MAT DEPENDING ON TIME OF YEAR (WETNESS) (REQUIRES STREAMWETLAND RESTORATION)
  - INCLUDES 4 AND POTENTIAL USE OF CULVERTS/FLLUME PIPE CROSSING DEPENDING ON TIME OF YEAR (WETNESS) (REQUIRES STREAMWETLAND RESTORATION)
  - ENVIRONMENTALLY SENSITIVE AREA. SEE ENVIRONMENTAL DETAILS (SHEET III):
    - 6A T & E SPECIES
    - 6B VERNAL POOL
  - RESTRICTED ACCESS
  - PERMANENT FILL REQUIRED (STONE BASE)
  - INSTALL INLET PROTECTION (IF APPLICABLE)
  - GRADING: SEE DESCRIPTION ON SHEET III
  - LOW IMPACT CLEARING: SEE DESCRIPTION ON SHEET III
  - PROPOSED ACCESS ROADS WILL REMAIN AFTER CONSTRUCTION ONLY IF LANDOWNER PERMISSION IS PROVIDED. ALL OTHER ACCESS ROADS ARE CONSIDERED TEMPORARY IN COMPLIANCE WITH REGULATORY REQUIREMENTS

**STRUCTURE DATA SUMMARY**

STR	DESCRIPTION	POLE LENGTH (FT)	FINISH	FOUNDATION
1110c	SCSP Suspension	111	GALVANIZED STEEL	Dist. 3 Embedded
1110f	SCSP Suspension	110	GALVANIZED STEEL	Dist. 4 Embedded
1110e	SCSP Suspension	105	GALVANIZED STEEL	Dist. 4 Embedded
1110g	SCSP Suspension	111	GALVANIZED STEEL	Dist. 3 Embedded
1110h	SCSP Suspension	120	GALVANIZED STEEL	Dist. 3 Embedded

Line List Number	Owner Name (Now or Formerly)
1110	INDIVIDUALS
1111	MIDDLEBURY COLLEGE
1112	ALPHASIGMA BROTHERHOOD
1113	ZETA SIGMA BROTHERHOOD
1114	ALPHA CHI PHI SOCIETY
1115	ALPHASIGMA BROTHERHOOD
1116	MIDDLEBURY TOWN OF
1117	MIDDLEBURY TOWN OF
1118	MIDDLEBURY TOWN OF
1119	MIDDLEBURY TOWN OF
1120	MIDDLEBURY TOWN OF
1121	MIDDLEBURY TOWN OF
1122	MIDDLEBURY TOWN OF
1123	MIDDLEBURY TOWN OF
1124	MIDDLEBURY TOWN OF
1125	MIDDLEBURY TOWN OF
1126	MIDDLEBURY TOWN OF
1127	MIDDLEBURY TOWN OF
1128	MIDDLEBURY TOWN OF
1129	MIDDLEBURY TOWN OF
1130	MIDDLEBURY TOWN OF

- ✕<sup>11</sup> Structure Removal
- <sup>11</sup> Proposed Structure
- <sup>11</sup> Existing Structure to Remain
- Existing 1990 Centerline
- ▨ Alternative Access Road
- ▩ Existing Access Road
- ▧ Off-ROW Access Road
- ▦ Proposed Access Road <sup>12</sup>
- ~ Existing Treeline
- - - Existing ROW Easement
- - - Existing Contour Line (10' Intervals)
- == Major Highway
- - - Town Boundary
- - - Trail
- Stream Flow Direction
- x-x-x Fenceline
- ▨ Wetland Area
- ▭ Company-Owned Property
- ▩ Construction Pad
- ▨ Building
- ▨ Proposed Temporary Access Road (Construction Mat)
- ▭ Parcel Boundary
- Stone Features

**THE CONNECTICUT LIGHT AND POWER COMPANY  
1990 LINE  
DEVELOPMENT AND MANAGEMENT PLAN**

Scale: 1 inch = 100 feet

North Arrow

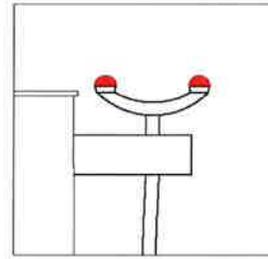
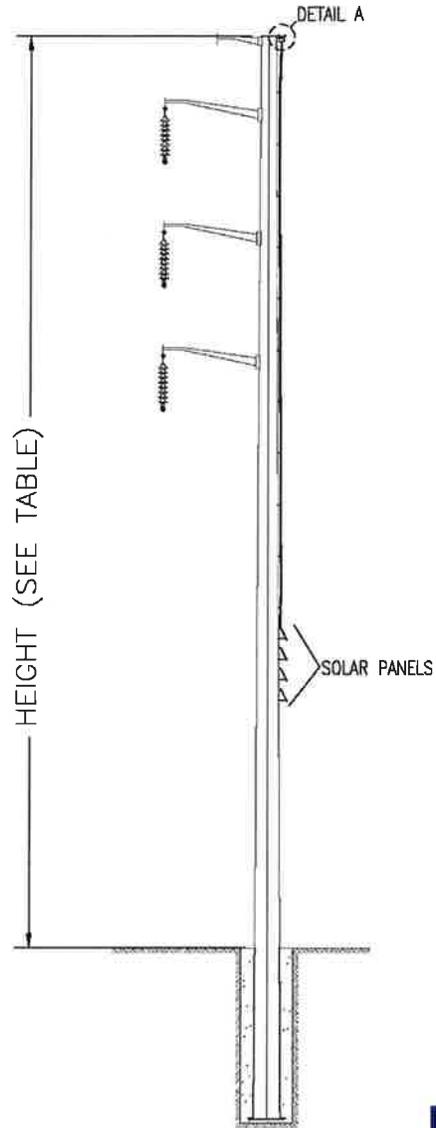


Path: V:\Projects\1990 Line Development and Management\Map\_Features\_and\_Map\_Database

ATTACHMENT B

STRUCTURE CROSS SECTION DIAGRAM OF PROPOSED INSTALLATION

5/23/2017 11:38 AM -- sodtercp -- K:\Engineering\Transmission Engineering\TRANS\PROJECTS\1990 Line FAA Lights\01236-85002.dwg -- As Built NU VER: 02/2012



DETAIL A  
OBSTRUCTION LIGHT LOCATION

POLE HEIGHTS	
STRUCTURE #	HEIGHT
11167	93.5
11168	88.5
11169	98

		<b>Northeast Utilities Service Co.</b>	
		FOR THE CONNECTICUT LIGHT AND POWER COMPANY	
TITLE STEVENSON - FROST BRIDGE - BALDWIN 115-kV TRANSMISSION LINE FAA INSTALLATION DIAGRAM OXFORD/MIDDLEBURY, CT			
BY CPS	CHKD	APP	APP
DATE 5/23/2017	DATE	DATE	DATE
BY-SHALE M.T.S.	BYE A	FIELD BOOK & PAGES	
BY-MHLE M.T.S.	V.L.	R.Z. 1000	
P.L. PROJ. NUMBER		PROJECT 01236-85002	

ATTACHMENT C

REPRESENTATIVE PHOTOGRAPHS OF PROPOSED LIGHTING

