



**Connecticut
Light & Power**

The Northeast Utilities System

56 Prospect Street, Hartford, CT 06103

Northeast Utilities Service Company
P.O. Box 270
Hartford, CT 06141-0270
(860) 728-4532

March 20, 2014

Mr. Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: Docket No. 424: Interstate Reliability Project
Development & Management Plan Change Notice Request:
Proposed Increase in the Height of Structure 36, Line List 30081, Town of Mansfield
(Development and Management Plan, Volume 3, Mapsheet 7)

Dear Chairman Stein:

Pursuant to Section 16-50j-62(a)(1) of the Regulations of Connecticut State Agencies (RCSA) and Section 7.2 of the Development and Management (D&M) Plan for the *Construction of the Interstate Reliability Project (Project, Interstate) New 345-kV Transmission Lines and Related Minor Modifications to Adjacent Lines*, The Connecticut Light and Power Company (CL&P) requests that the Connecticut Siting Council (Council) review and approve a 15-foot increase in the height of Structure No. 36, located on privately-owned property (Line List #30081, Trickett) east of the Willimantic River and the New England Central Rail Road line in the Town of Mansfield (refer to D&M Plan, Volume 3, Mapsheet 7).

Structure 35 was eliminated at the request of the property owner, prior to the submission of the August 2013 D&M Plan, which was approved at the Council's October 31, 2013 meeting. As a result, the height of Structure 36 must be increased from 110 feet to 125 feet to achieve the required 46-foot conductor clearance above the New England Central Railroad (Line List #30080), as established by the railroad's owning company, Canadian National. CL&P consulted with Canadian National and has received a license for the crossing and associated approval of the 46-foot conductor clearance. The proposed change is depicted on the revised Mapsheet 7 (attached; refer to updated structure height description).

CL&P is providing notice of the proposed D&M Plan change to the affected property owner and the Mayor of Mansfield. Enclosed please find an original and 15 copies of this submission.

Should you or other Council members have any questions regarding this submission, please do not hesitate to contact me via e-mail at john.morissette@nu.com or telephone at (860) 728-4532.

Sincerely,

John R. Morissette
Project Manager – Transmission Siting

Enclosure

Cc: Service List
Mr. & Mrs. Joseph Trickett
The Honorable Elizabeth C. Paterson, Mayor, Town of Mansfield



WORK AREA BOUNDARIES IN / NEAR WETLANDS

Vegetation removal will occur within the Vegetation Clearing Limits for Construction as shown, with temporary access routes in and across wetlands as necessary. Additionally, danger or hazard tree removal may be required outside of the Vegetation Clearing Limits for Construction, including within wetlands. For all other construction activities, work area boundaries will be defined by deployed E&S controls (silt fence and straw bales or equivalent). Further:

A. Work area boundaries will not necessarily encompass the entire width of the cleared area (e.g., tree line to tree line), but instead will be defined on a site-specific basis.

B. Boundaries shall be defined by E&S controls and thus may be different in dimension (but may be no greater in total square footage) than depicted on the D&M Plan maps.

C. All construction activities within wetlands, including access roads, work pads, temporary stockpiles of stripped topsoil or spoil (if necessary), excavations, equipment movements, etc., shall be contained within the work area boundaries.

D. Under no circumstances shall any materials (including plowed snow, construction materials, construction debris) be deposited beyond the work area boundaries.

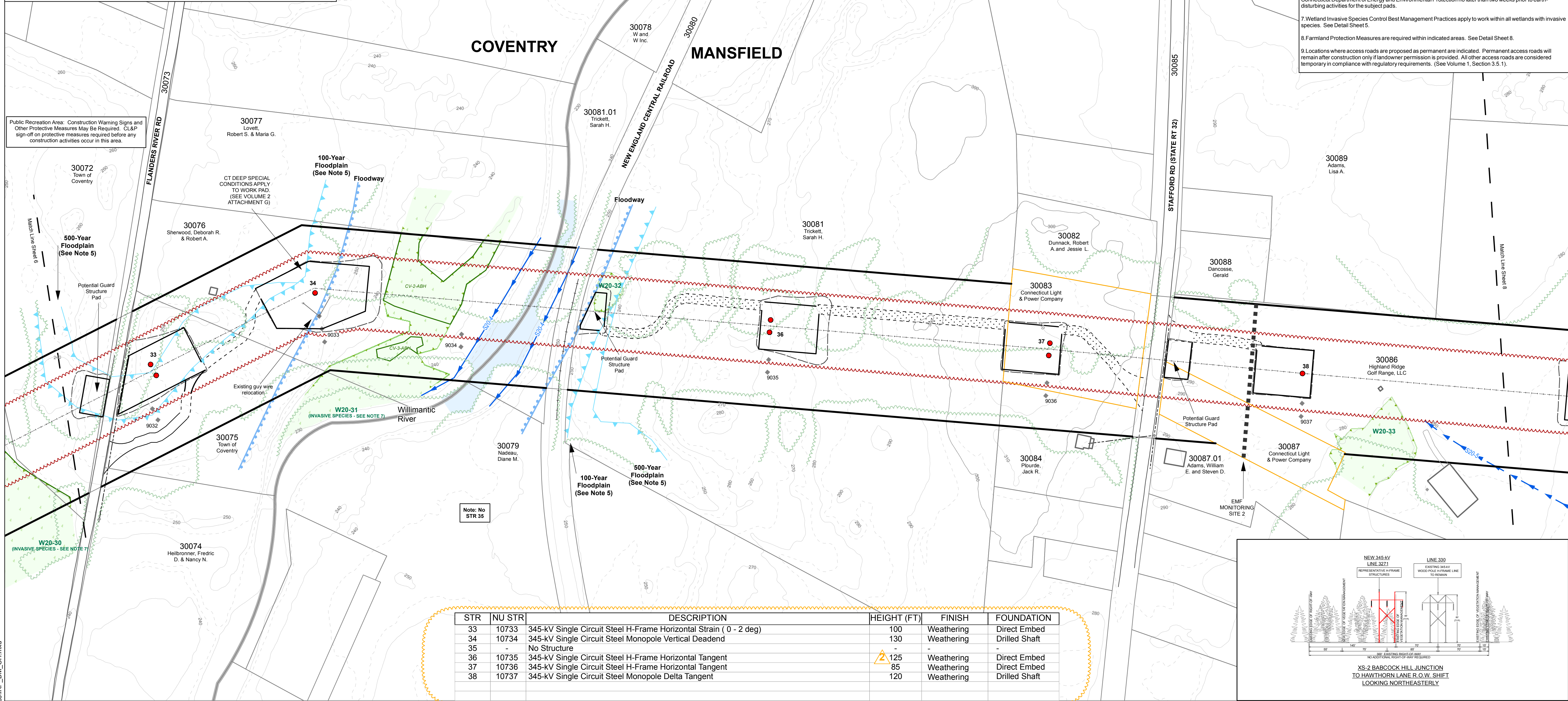
Public Recreation Area: Construction Warning Signs and Other Protective Measures May Be Required. CL&P sign-off on protective measures required before any construction activities occur in this area.

EROSION AND SEDIMENTATION CONTROLS NOTES

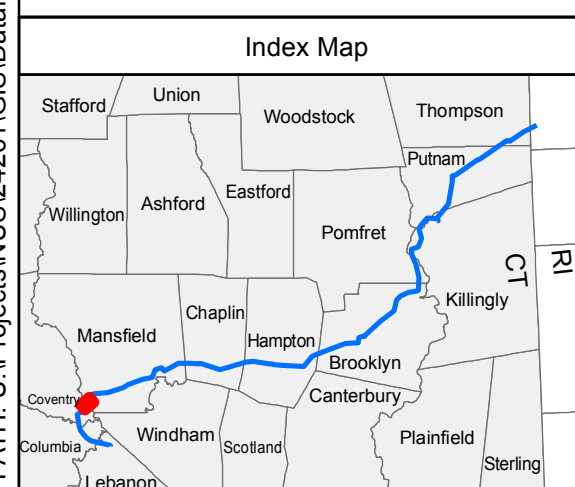
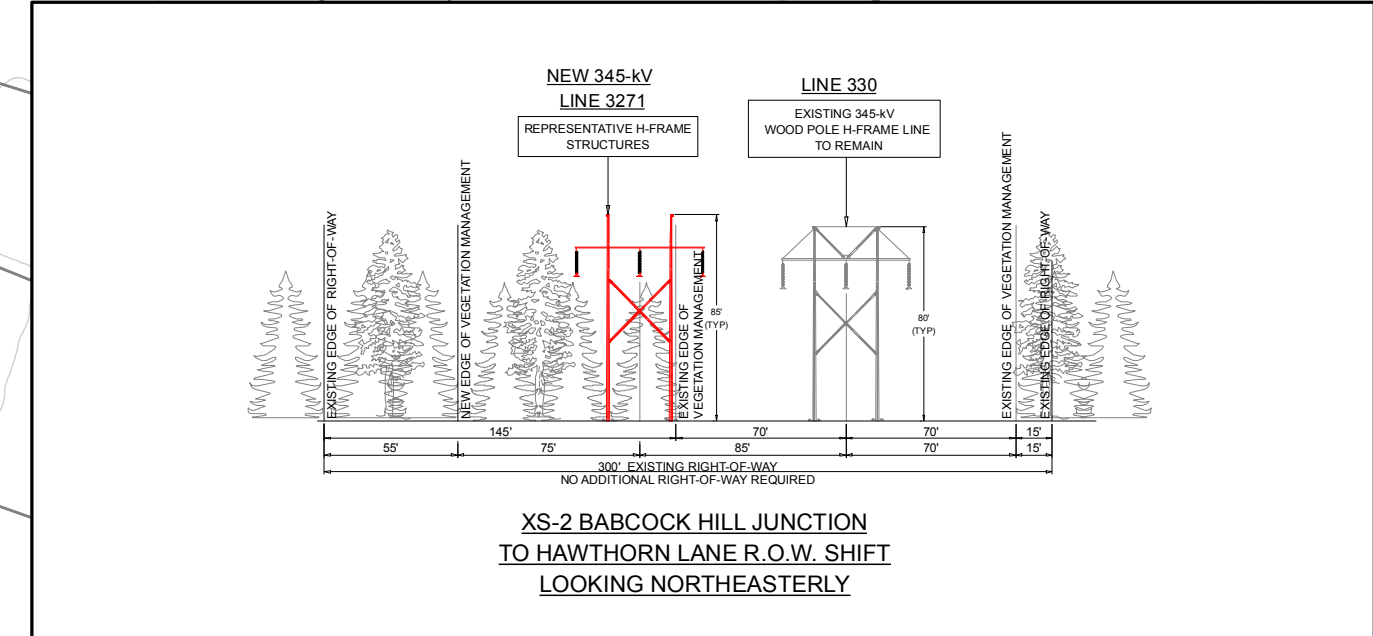
1. Install and maintain erosion and sedimentation controls as necessary to prevent the discharge of sediment to wetlands and watercourses and avoid the discharge of turbid stormwater from the project area.
2. Apply erosion control measures (e.g., mulch, netting, or tackifier) or vegetative cover to areas of disturbed ground to avoid and minimize soil erosion.
3. Install sedimentation barriers (e.g., staked bales or silt fence) downslope from large areas of disturbed ground as necessary to minimize movement of eroded soil.
4. Inspect erosion and sedimentation controls and monitor stormwater runoff as detailed in the Stormwater Pollution Control Plan and as required by the NPDES Stormwater General Permit.
5. General Permit Registration Form Part V: Stormwater Discharge Information shall be completed by Burns & McDonnell Engineer and/or Compliance Inspector prior to start of any earth disturbing activities.

NOTES

1. All work will be conducted in accordance with the relevant portions of CL&P's December 2011 Best Management Practices Manual: Connecticut Construction and Maintenance Environmental Requirements unless more stringent project-specific measures apply. See Volumes 1 and 2.
2. All work will be conducted in accordance with the requirements of regulatory approvals from the U.S. Army Corps of Engineers and the Connecticut Department of Energy and Environmental Protection, and with all Project Protocols. See Detail Sheets 1-4.
3. Erosion and sedimentation control measures will be installed during construction, as required, to comply with the 2002 Connecticut Guidelines for Erosion and Sediment Control, and CL&P's December 2011 Best Management Practices Manual: Connecticut Construction and Maintenance Environmental Requirements, and applicable regulatory approvals. See Detail Sheets 6 & 7.
4. T&E Species Avoidance and Minimization Measures are required within indicated areas. See Detail Sheet 5.
5. Within 100- and 500-year floodplain areas, construction activities will be in accordance with Connecticut Department of Energy and Environmental Protection permit requirements.
6. Grading plans for temporary work pads and guard structure pads, as indicated, must be submitted to the Connecticut Department of Energy and Environmental Protection no later than two weeks prior to earth-disturbing activities for the subject pads.
7. Wetland Invasive Species Control Best Management Practices apply to work within all wetlands with invasive species. See Detail Sheet 5.
8. Farmland Protection Measures are required within indicated areas. See Detail Sheet 8.
9. Locations where access roads are proposed as permanent are indicated. Permanent access roads will remain after construction only if landowner permission is provided. All other access roads are considered temporary in compliance with regulatory requirements. (See Volume 1, Section 3.5.1).

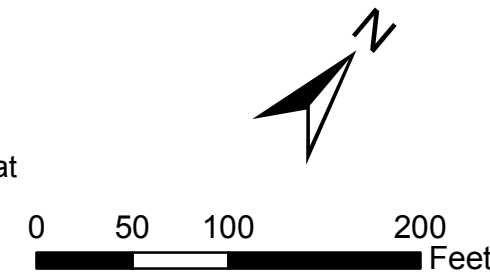


STR	NU STR	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
33	10733	345-kV Single Circuit Steel H-Frame Horizontal Strain (0 - 2 deg)	100	Weathering	Direct Embed
34	10734	345-kV Single Circuit Steel Monopole Vertical Deadend	130	Weathering	Drilled Shaft
35	-	No Structure	-	-	-
36	10735	345-kV Single Circuit Steel H-Frame Horizontal Tangent	125	Weathering	Direct Embed
37	10736	345-kV Single Circuit Steel H-Frame Horizontal Tangent	85	Weathering	Direct Embed
38	10737	345-kV Single Circuit Steel Monopole Delta Tangent	120	Weathering	Drilled Shaft



Legend

- New Transmission Structure Pole
- New Transmission Line
- Existing Transmission Structure Pole
- Existing Distribution Lines
- Existing Distribution Structures
- New Guy Anchor
- Relocated Guy Anchor
- New Guy Wire
- Relocated Guy Wire
- Existing Access Road
- Proposed New Access Road
- Alternate Access Road
- Permanent (See Note 9)
- Work Pad
- Limit of Disturbance
- Existing ROW
- Stone Wall
- Property Lines
- NU Property
- Town Line
- Named Public Trails
- Vegetation Clearing Limits for Construction
- Existing Tree Canopy Line
- Wetland
- Open Water
- Perennial Stream
- Intermittent Stream
- Vernal Pool
- Amphibian Breeding Habitat
- T&E Species Area



NO.	DATE	REVISIONS	BY	CHK	APP	APP
2	3/19/2014	Structure height (STR 36/NU STR 10735)	LD	MK		
1	2/14/2014	404/401 Permit Revisions	LD	MK		

Burns & McDonnell
SINCE 1898

DATE: M. Kasinskas & M. Goetz
 DETAILED: M. Goetz
 CHECKED: M. Kasinskas

Northeast Utilities Service Co.
THE CONNECTICUT LIGHT & POWER CO.

Interstate Reliability Project Development & Management Plan

BY: M. Kasinskas
 DATE: 8/30/2013
 CHKD: DATE
 APP: DATE
 APP: DATE

Map Sheet 7 of 66

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