



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

August 21, 2023

Deborah Denfeld
Team Lead – Transmission Siting
Eversource Energy
56 Prospect Street
P.O. Box 270
Hartford, CT 06141
deborah.denfeld@eversource.com

RE: **SUB-PETITION NO. 1293-BS-01 (Bristol and Southington)** – Eversource Energy declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for all transmission facility asset condition maintenance improvements statewide to comply with the updated National Electrical Safety Code clearance requirements.

Dear Deborah Denfeld:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated August 17, 2023 regarding project changes to the Petition No. 1293 sub-petition for the above-referenced section of transmission line that was approved by the Council on December 1, 2020.

The proposed project changes will occur within an Eversource right-of-way and on Eversource property in Bristol and include replacing two steel lattice structures and four wood H-frame structures with weathering steel structures. In addition, one structure will be removed entirely.

The changes are as follows:

- a) Replace Structure 1869, a double circuit steel lattice tower structure, with two single-circuit weathering steel monopoles;
- b) Replace Structure 1859A, a single-circuit steel lattice tower structure, with a single-circuit weathering steel three-pole tap;
- c) Replace Structures 1858 and 1858A, both single-circuit wood three-pole H-frame structures, with single-circuit weathering steel two-pole structures (four structures total);
- d) Replace Structures 1856 and 1855, both double-circuit steel lattice H-frame structures, with single-circuit weathering steel three-pole structures (four structures total);
- e) Modify Structure 1870, a double-circuit steel monopole, by adding an adjacent new single-circuit weathering steel monopole so that each structure carries a single circuit; and
- f) Remove Structure 1915, a single-circuit wood three-pole tap.

The new replacement structures are necessary due to more recent in-field surveys that identified the existing structures as deteriorated. The new structures will be located in close proximity to the existing structures and will be up to 46 feet taller than the existing structures to accommodate new line configurations and to comply with National Electrical Safety Code standards.

The work areas will be accessed using existing gravel roads to the extent feasible. An additional 9,582 square feet temporary wetland impacts would occur at Structures 1858 and 1858A from the use of temporary construction matting. Approximately 1.5 acres of trees will be cleared within the ROW between Structures 1857/1857A and 1855/18855A to accommodate the work. Hand clearing methods would be utilized for vegetation removal work within sensitive wetland and watercourse areas. Work within flood zones will not use permanent fill. No DEEP Natural Diversity Database areas or cultural resources would be affected.

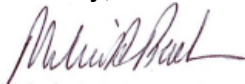
Pursuant to the Council's Petition No. 1293 decision of March 31, 2017 and December 1, 2020 decision on this sub-petition, your request for the proposed project changes, as detailed in your August 17, 2023 correspondence, is hereby approved.

This approval applies only to the project changes dated August 17, 2023.

Please be advised that deviations from the standards established by the Council in the Declaratory Ruling are enforceable under the provisions of Connecticut General Statutes §16-50u.

Thank you for your attention and cooperation.

Sincerely,



Melanie Bachman
Executive Director

c: Kathleen Shanley, Eversource Energy (Kathleen.Shanley@eversource.com)
The Honorable Jeff Caggiano, Mayor, City of Bristol (mayoroffice@bristolct.gov)

Deborah Denfeld

Team Lead – Transmission Siting
Tel: (860) 205-9368

August 17, 2023

Melanie Backman, Esq.
Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Sub-Petition No. 1293-BS-01: 1810/1825 Transmission Lines Structure Replacement Project (Towns of Bristol and Southington) - Amendment Request pursuant to Condition 2 of the Connecticut Siting Council Sub-Petition Approval

Dear Attorney Bachman:

On October 23, 2020, the Connecticut Light and Power Company, doing business as Eversource Energy ("Eversource"), filed a Sub-Petition for the above-referenced Project with the Connecticut Siting Council ("Council"), regarding maintenance work within its 1810/1825 transmission lines right-of-way ("ROW") in Bristol and Southington Connecticut. On December 1, 2020, Eversource received from the Council acknowledgment of the subject Sub-Petition's intent to replace 13 existing transmission structures within the ROW¹. On October 18, 2022, Eversource also received from the Council a second acknowledgement of the need to replace an additional four transmission structures within the ROW, also due to asset condition.

Subsequent to these acknowledgements, Eversource has identified six additional structures on the 1810/1825 lines requiring replacement: one double circuit steel lattice tower structure (Structure 1869), one single-circuit steel lattice tower structure (Structure 1859A), two single-circuit wood H-frame structures (Structures 1858 and 1858A), and two double-circuit steel lattice H-frame structures (Structures 1856 and 1855). Eversource plans to conduct the transmission structure replacement work prompted by the need to address structure damage caused by woodpecker activity, de-galvanization, and rust. Sample photos of the asset conditions associated with the structures to be replaced are shown in Attachment A: Sample Photos.

In addition to the asset condition replacements listed above, Eversource would need to install four new structures, 1870A, 1869A, 1856A, and 1855A, to alleviate overstress that will result from the asset condition replacements or to address clearance and safety risks resulting from the replacements. One existing asset condition wood three-pole tap structure (Structure 1915), will be removed. Specifically:

- Due to strain caused by the sharp angle of the lines at Structure 1869, and constructability constraints caused by limited space at this location, Structure 1869 will be replaced with two single-circuit weathering steel monopoles, Structures 1869 and 1869A.
- The replacement of double circuit lattice Structure 1869 with two monopoles, also would require that adjacent Structure 1870 be modified from a double-circuit steel monopole to a single-circuit steel monopole² to support the 1825 Line in a single-circuit configuration. A new single-circuit weathering steel monopole, Structure 1870A, would be installed next to Structure 1870 to support the 1810 Line.

¹ On October 3, 2022, the Council granted Eversource an extension of time until December 1, 2023 to complete the maintenance improvements associated with the above-referenced Sub-Petition.

² Structure 1870 will be modified by removing the davit arms that support the 1810 Line conductors. Refer to Attachment C: Cross Sections, Drawing No. XS-1.

- Due to the replacement of Structure 1859A, a tap connection structure associated with the 1810 Line at Lake Avenue Junction, the existing asset condition wood three-pole tap support structure (Structure 1915) will be removed.
- In order to maintain the current horizontal conductor configuration, which will minimize the need for additional conductor and splices, and to minimize structure height increases associated with the need to meet clearance requirements³, Structure 1856 will be replaced with two single-circuit three-pole weathering steel structures (Structures 1856 and 1856A).
- In order to maintain the current horizontal conductor configuration, which will minimize the need for additional conductor and splices, Structure 1855 will be replaced with two single-circuit three-pole weathering steel structures (Structures 1855 and 1855A). The horizontal three-pole design also allows for a decrease in structure height of 20 feet while maintaining necessary clearance requirements.

Five of the six replacement structures require an increase in structure height and one replacement structure would decrease in height, as compared with the corresponding existing structures. The heights of the existing structures range from approximately 41 feet to 106.5 feet. The heights of the replacement structures will range from 87 feet to 121.5 feet with height increases from approximately 18 feet to 46 feet above the corresponding existing structure heights. Replacement structure height increases are driven by the need to adhere to the current National Electrical Safety Code (“NEC”) and Eversource clearance requirements. Please see Attachment B: List of Structure Replacements, which details existing and proposed structure types and heights.

In support of the additional structure replacements, the following work (“Work Activities”) will be performed:

- Modify one existing double-circuit steel monopole, (Structure 1870), into a single-circuit steel monopole and add a new single-circuit weathering steel monopole, 1870A. The new structure is required to alleviate overstress predicted to occur at Structure 1870 due to the replacement of Structure 1869;
- Replace one double-circuit lattice tower (Structure 1869), with two single-circuit weathering steel monopoles (Structures 1869 and 1869A), due to strain caused by the sharp angle of the lines at Structure 1869, and constructability constraints caused by limited space at this location;
- Replace one single-circuit lattice structure (Structure 1859A), which serves as a tap connection structure, with a single-circuit weathering steel three-pole tap structure. The height of the replacement structure will be 46 feet taller for an overall height of 87 feet. The increase in the replacement structure height is required to meet clearance requirements where the 1810 lines are supported in a stacked three-way configuration on Structure 1859A at Lake Avenue Junction. The 1810 line that traverses from Bristol Substation toward Forestville Junction, in a north south direction, will be supported on the lower portion of the 1859A structure, while the tap leg of the 1810 Line that traverses from Chippen Hill Substation to Lake Avenue Junction will be supported on the upper portion of the structure;
- Remove one single-circuit wood three-pole tap support structure, (Structure 1915). With the replacement of Structure 1859A, as detailed above, Structure 1915 is no longer required;
- Replace two single-circuit wood H-frame structures (Structures 1858 and 1858A), with two single-circuit weathering steel two-pole structures. Due to stepped terrain and surrounding wetlands, a two-pole design with concrete foundations is preferred to aid in constructability, eliminate guy wires and minimize the overall impact of the work area during construction. The height of the replacement structures will be 37.5 feet taller for an overall height of 112 feet;

³ Eversource evaluated a vertical structure design/configuration at Structure 1856 and determined an additional increase of approximately 15 to 20 feet would be required above the current proposed increase of 18 feet.

- Replace one double-circuit lattice H-frame structure, 1856, with two single-circuit weathering steel three-pole structures (Structures 1856 and 1856A); and
- Replace one double-circuit lattice H-frame (Structure 1855), with two single-circuit weathering steel three-pole structures (Structures 1855 and 1855A).

Please see revised map sheet 5 and supplemental map sheets 6A and 6B, in Attachment C: Maps. Please also see Attachment D: Cross Sections, which depict changes between the existing and proposed structures.

Eversource respectfully submits that the proposed structure replacements would have no "substantial adverse environmental effect" pursuant to Conn. Gen. Stat. § 16-50k, based on the following factors:

- All Work Activities would take place in areas within Eversource's property or existing ROW utilizing existing access roads, (collectively the "Work Areas"). Some of the existing access roads would be improved. Eversource can access each of the structure replacement locations utilizing its existing rights.
- As detailed on revised Map Sheet 6A, the Work Activities associated with the proposed access road and work pad at Structures 1858 and 1858A will result in approximately 9,582 square feet of additional temporary wetland impacts from the use of temporary construction matting. Work would be conducted in accordance with Eversource's *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements), April 2022* ("BMPs").
- No vernal pools or vernal pool envelopes are located in proximity to the proposed Work Areas.
- Based on review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Database ("NDDDB"), no Work Areas are proposed within a NDDDB polygon area and jurisdictional wetland area and/or CT DEEP owned/managed land. Therefore, the Work Areas would not be subject to an NDDDB Review Request. Work will be conducted in accordance with Eversource's BMPs to avoid or minimize impact to terrestrial habitats that may support rare species. With these protective measures, no adverse impacts to state-listed rare species are anticipated.
- While most of the work will take place within the currently maintained portion of the ROW, some tree clearing and vegetation management will be required in select areas to accommodate access roads, work pads, and conductor clearances required to meet current NESC clearance standards. In total, approximately 1.5 acres of trees will be cleared within the ROW, mainly along the southern edge, between Structures 1857/1857A and 1855/18855A. Hand clearing methods would be utilized for vegetation removal work within sensitive wetland and watercourse areas. Areas where tree clearing is planned are depicted on Attachment A, Map Sheets 6A and 6B.
- A Phase 1A assessment review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office conducted by Heritage Consultants, LLC ("Heritage") did not identify any National or State Register of Historic Places properties/districts or archeological sites within 500 feet of the Work Areas. Based on the results of the Phase IA and Pedestrian Survey the work areas were classified to contain no/low archaeological sensitivity and Heritage advised that no additional examination is recommended.
- Work activities associated with Structures, 1869, and 1869A are located partially within the FEMA-designated floodway, and 100-year and 500-year flood zones associated with Pequabuck River. Eversource would utilize its BMPs to minimize any impacts to the flood way and flood zones by utilizing temporary construction matting and by not placing fill that would increase the elevations of the existing or proposed road surfaces or work pads to ensure that the floodplain hydrology would not be adversely affected. With these protective measures and the use of the BMPs, no adverse impact to the flood way and/or flood zones are anticipated from the proposed Work Activities.

- No change in noise levels would result from the installation of the new structures and the applicable lines would continue to comply with the State of Connecticut noise regulations.
- Any changes in electric and magnetic field levels outside the ROW would be negligible.
- Temporary environmental effects from construction will be mitigated as referenced in Sub-Petition 1293-BS-01.

No new permanent access roads would be constructed to facilitate access to structures within the ROW. Portions of the existing access roads may be hardened and widened at turning areas to facilitate the safe passage of construction vehicles. Eversource will access the Work Areas by entering its property and/or ROW from existing access points on public roads in Bristol as follows; Riverside Avenue for Structures, 1870, 1870A, 1869 and 1869A, Lakeside Drive for Structures 1859A, 1915, 1858, and 1858A, Lake Avenue for Structures, 1856 and 1856A, and Halcyon Drive for Structures 1855 and 1855A.

Eversource herewith respectfully requests approval for the requested changes. Enclosed please find an original and three copies of this submission. Should you, the Council members or Council staff have any questions regarding this request, please do not hesitate to contact me via e-mail at deborah.denfeld@eversource.com or telephone at (860) 205-9368.

Sincerely,



Deborah Denfeld
Team Lead - Transmission Siting

List of Attachments

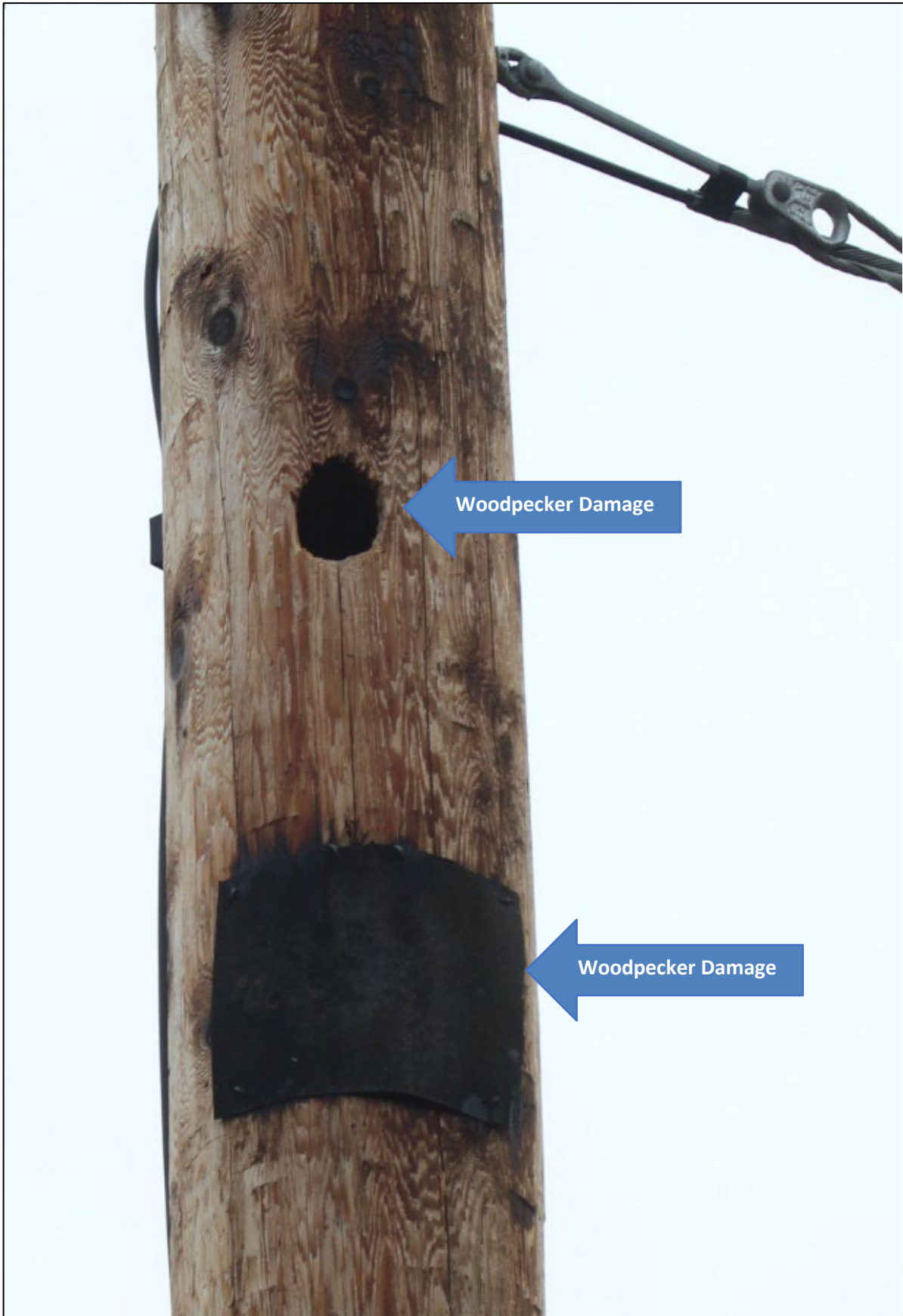
- Attachment A - Sample Photos
- Attachment B - List of Structure Replacements
- Attachment C - Maps
- Attachment D - Cross Sections

ATTACHMENT A
SAMPLE PHOTOS

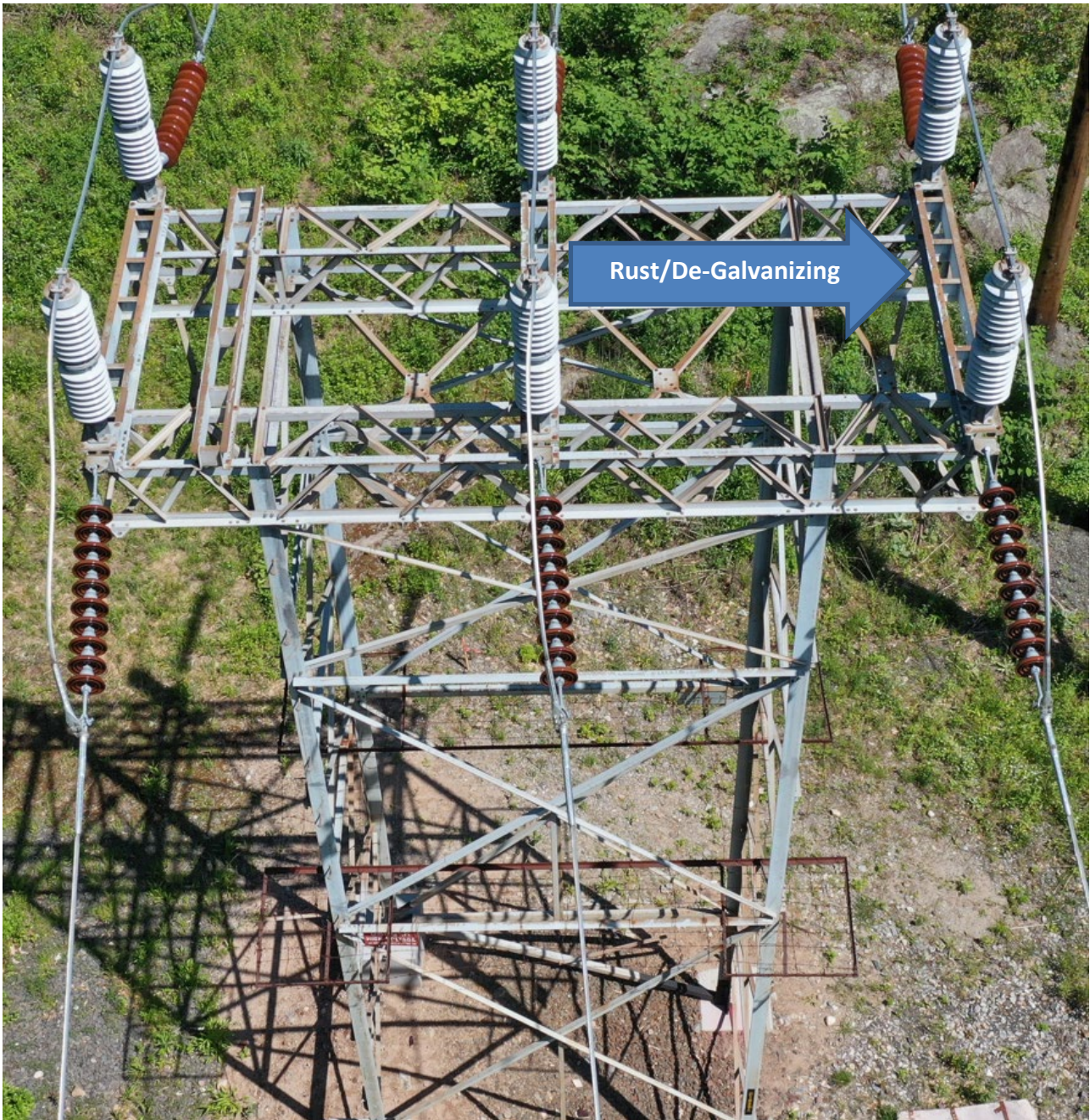
Structure #1869



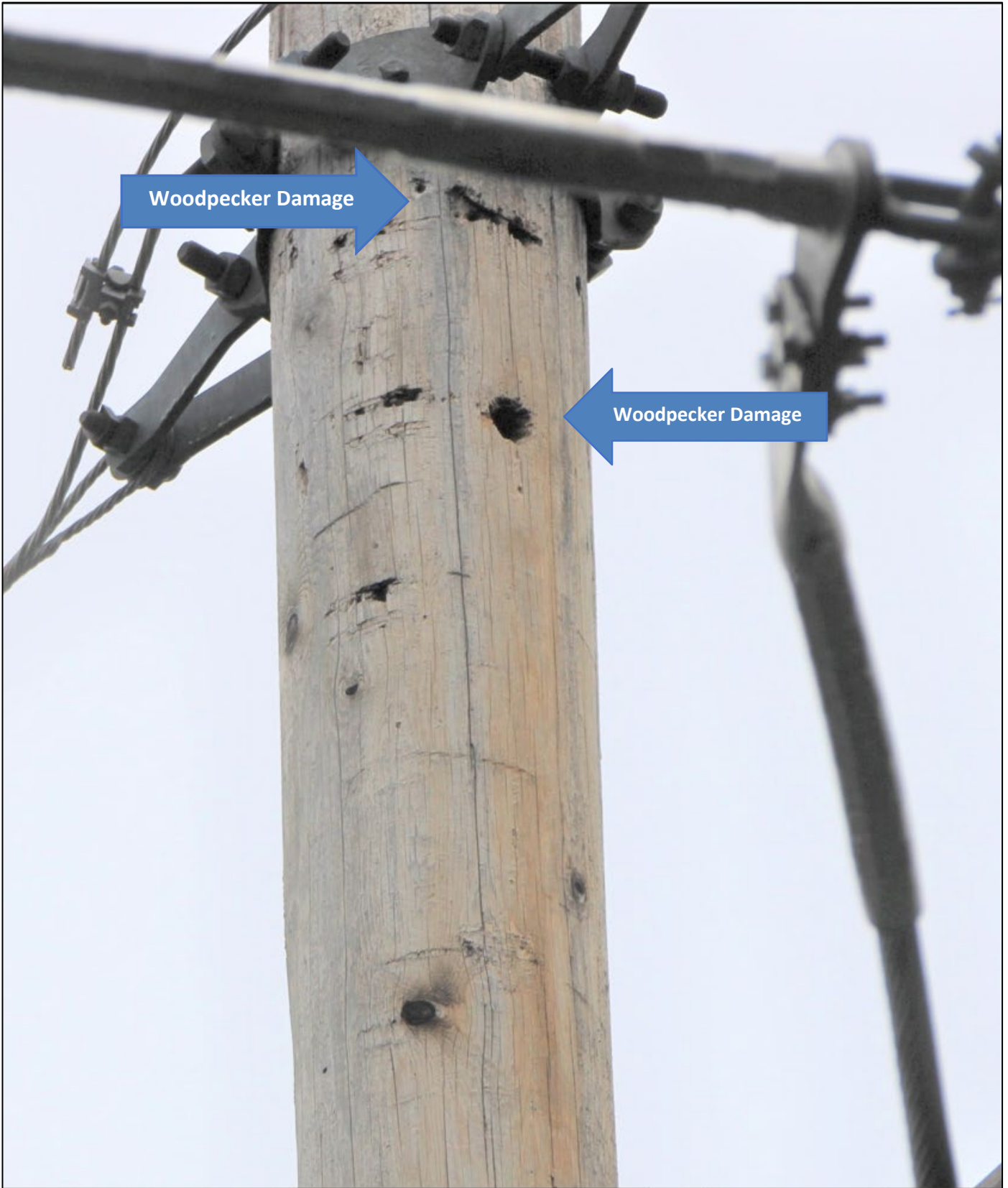
Structure #1915



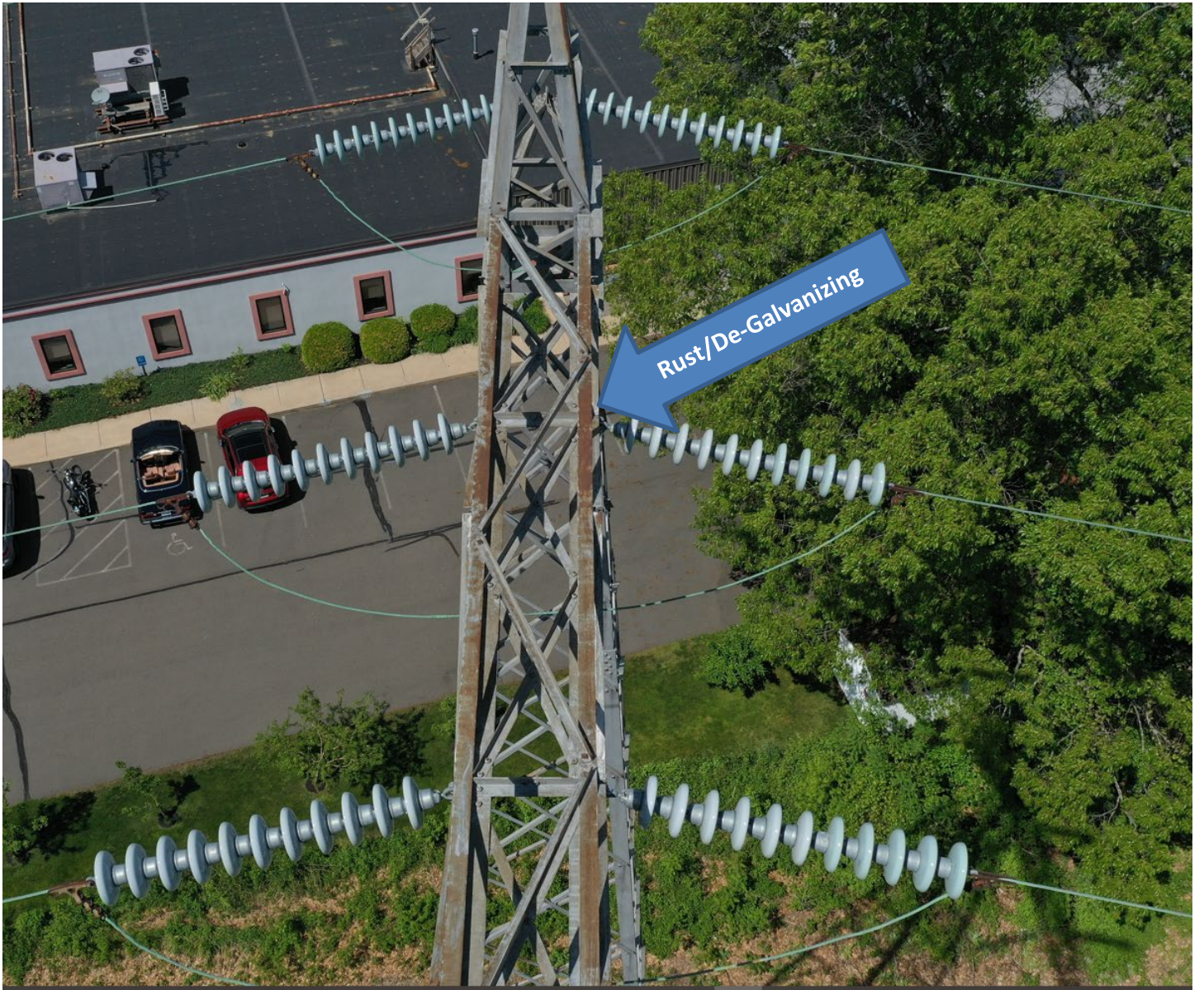
Structure #1859A



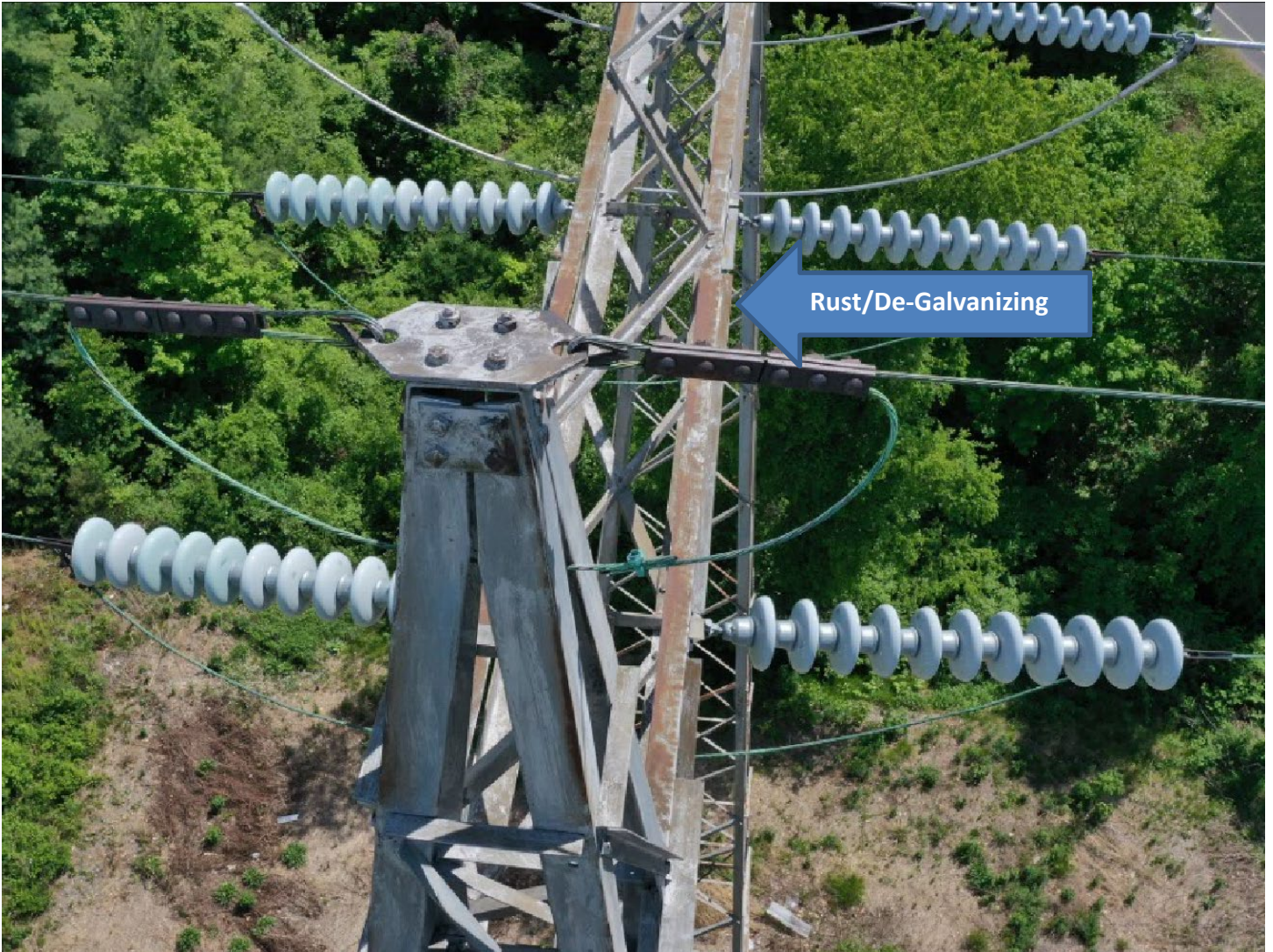
Structure #1858



Structure #1855



Structure #1856



ATTACHMENT B
LIST OF STRUCTURE REPLACEMENTS

**List of Structures
1810/1825 Lines**

Existing				Proposed				Structure Height Change (feet)
Structure #	Line No.	Structure Type	Structure Height (feet)	Structure #	Line No.	Structure Type	Structure Height (feet)	
1870	1810/1825	Double-Circuit Steel Monopole	88	1870	1825	Modify to Single-Circuit Steel Monopole	88	NA
				1870A (new structure)	1810	Single-Circuit Weathering Steel Monopole	93	NA
1869	1810/1825	Double-Circuit Lattice Tower	82	1869	1825	Single-Circuit Weathering Steel Monopole	103	21
				1869A (new structure)	1810	Single-Circuit Weathering Steel Monopole	103	NA
1915	1810	Single-Circuit Wood Three-Pole Tap	67.5	NA	1810	Structure To Be Removed	NA	NA
1859A	1810	Single-Circuit Lattice Tower	41	1859A	1810	Single-Circuit Weathering Steel Three-Pole Tap	87	46
1858	1825	Single-Circuit Wood Three-Pole	74.5	1858	1825	Single-Circuit Weathering Steel Two-Pole	112	37.5
1858A	1810	Single-Circuit Wood Three-Pole	74.5	1858A	1810	Single-Circuit Weathering Steel Two-Pole	112	37.5
1856	1810/1825	Double-Circuit Lattice Tower	103.5	1856	1825	Single-Circuit Weathering Steel Three-Pole	121.5	18
				1856A (new structure)	1810	Single-Circuit Weathering Steel Three-Pole	121.5	NA
1855	1810/1825	Double-Circuit Lattice Tower	106.5	1855	1825	Single-Circuit Weathering Steel Three-Pole	86.5	-20
				1855A (new structure)	1810	Single-Circuit Weathering Steel Three-Pole	86.5	NA

ATTACHMENT C

MAPS

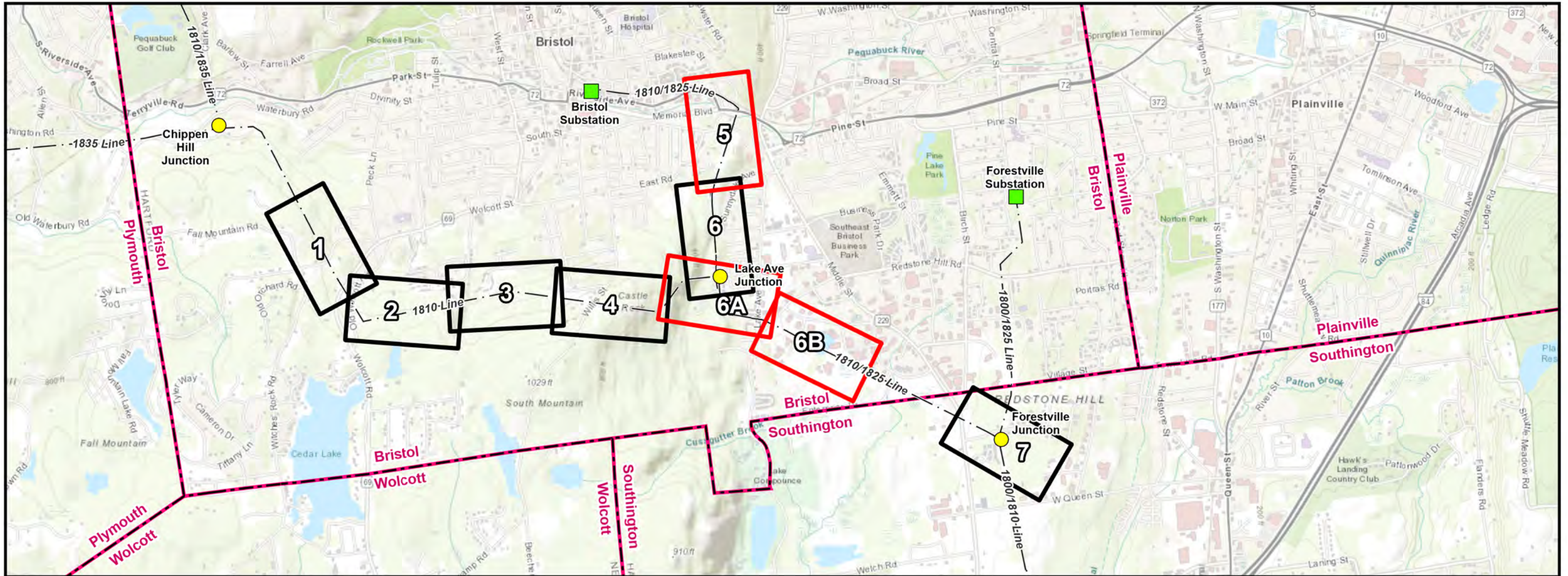
1810/1825 Line - Structure Replacement Project

Bristol and Southington, CT

Sub-Petition Map Set

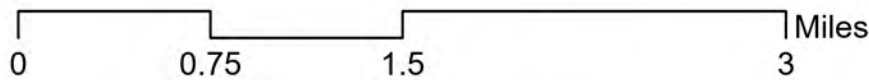
Date: October 20, 2020

Revised Date: August 04, 2023



LEGEND

- Overhead Eversource Line
- Junction
- Substation
- Map Sheet
- Revised Map Sheet
- Municipal Boundary



INDEX OF FIGURES

Title Sheet / Index Map
Abutter Tables and Map Sheets 1-7

PREPARED FOR:
EVERSOURCE
ENERGY

107 Selden Street
Berlin, CT 06037

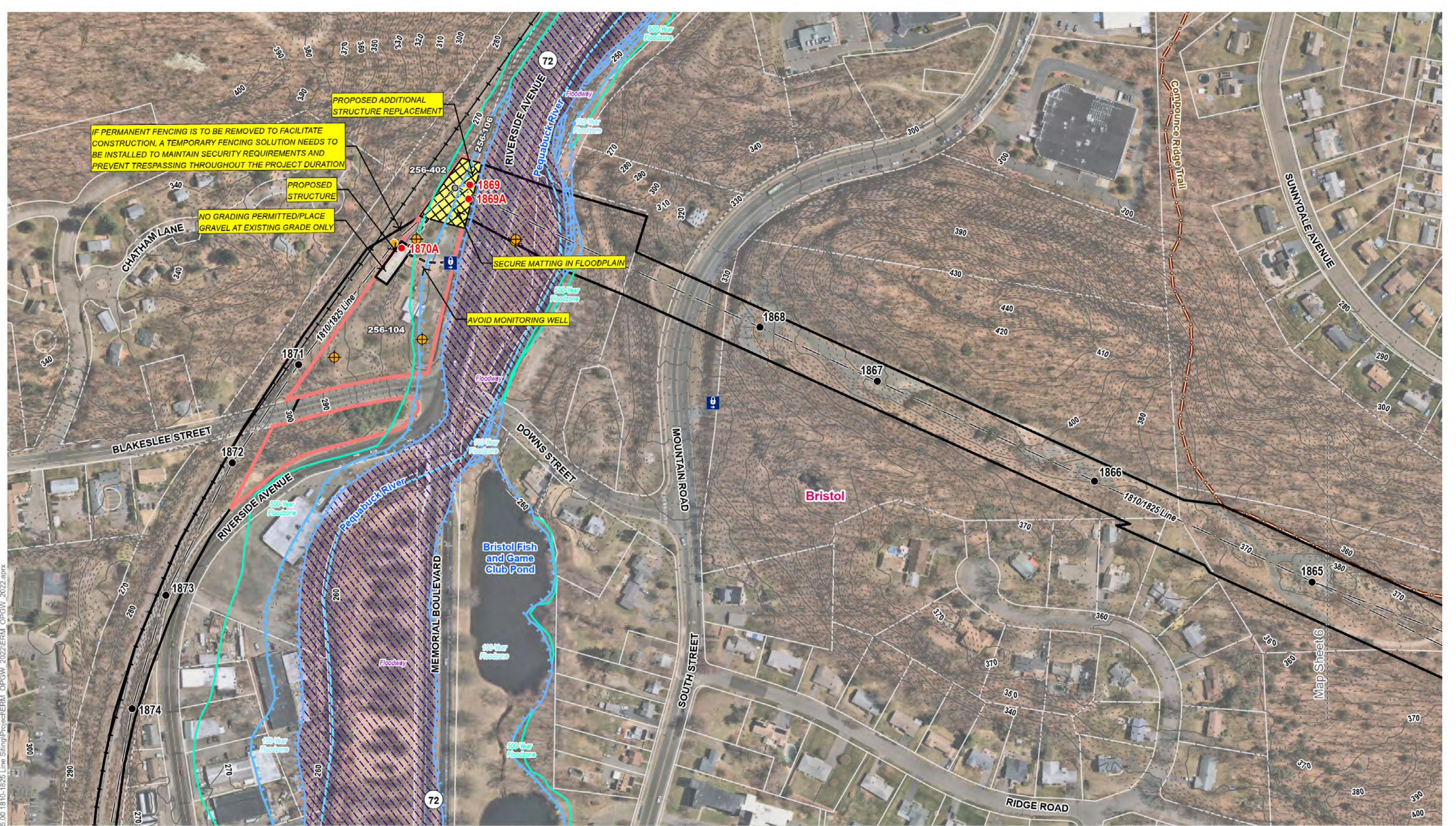
PREPARED BY:



100 Great Meadow Road
Suite 200
Wethersfield, CT 06109

1810/1825 Line - Structure Replacement Project
Map Sheet 05 Abutters Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
256-104	YANKEE GAS SERVICES COMPANY	N/A	RIVERSIDE AVE	BRISTOL	CT
256-106	PENN CENTRAL RAILROAD	N/A	RIVERSIDE AVE	BRISTOL	CT
256-402	PAN AM SOUTHERN LLC	N/A	RAILROAD PROPERTY	BRISTOL	CT

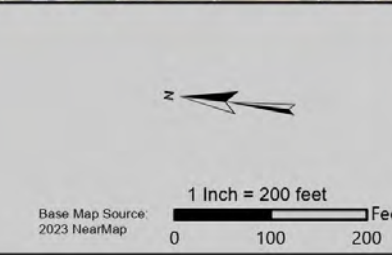


- Proposed Structure
- Existing Structure to be Removed
- Existing Structure to be Modified
- Existing Structure
- Overhead Eversource Line
- ▭ Stone Work Pad
- ▨ Temporary Construction Matting

- Existing Access
- Watercourse (not delineated)

- Legend**
- ▭ FEMA 100-Year Flood Zone
 - ▭ FEMA 500-Year Flood Zone
 - ▨ FEMA Floodway
 - Hiking Trail
 - Railroad

- ⊕ Gate
- ⊕ Monitoring Well
- 10' Contour Line
- 2' Contour Line
- Map Sheet Matchline
- ▭ Parcel Boundary
- ▭ Eversource Owned Parcel

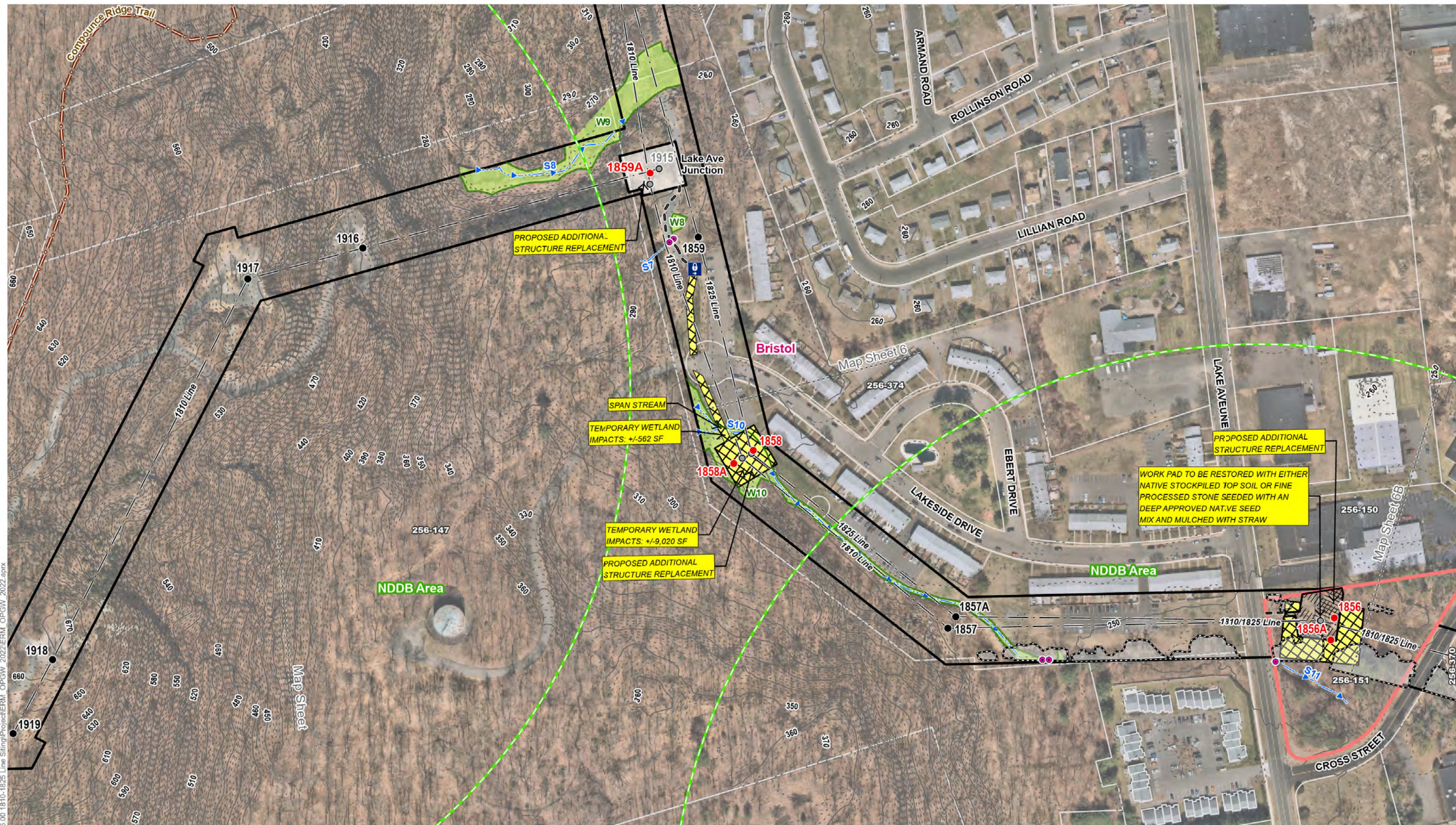


EVERSOURCE ENERGY	
1810/1825 Line - Structure Replacement Project	
Date: October 20, 2020 Revised August 04, 2023	
Bristol, CT	
	Map Sheet 5 of 7

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1810/1825 Line - Structure Replacement Project
Map Sheet 06A Abutters Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
256-147	CITY OF BRISTOL WATER DEPT	N/A	125 LAKESIDE DR	BRISTOL	CT
256-150	FRUIT FARM LLC	N/A	435 LAKE AVE	BRISTOL	CT
256-151	CONNECTICUT LIGHT AND POWER COMPANY	N/A	LAKE AVE	BRISTOL	CT
256-370	IDEX HEALTH & SCIENCE LLC	N/A	CROSS ST	BRISTOL	CT
256-374	SOUTH MOUNTAIN TOWNHOUSES	N/A	LAKE AVE	BRISTOL	CT



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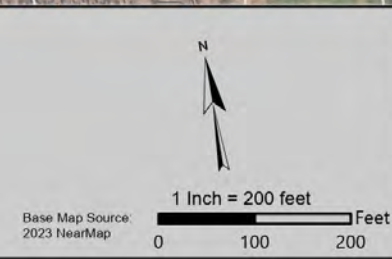


- Proposed Structure
- Existing Structure to be Removed
- Existing Structure
- Overhead Eversource Line
- Stone Work Pad
- ▨ Temporary Construction Matting
- ▨ Existing Gravel

- Existing Access
- ▨ Proposed Access
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline

- Legend**
- ▨ Field Delineated Wetland
 - ▨ NDDB Rare Species (June 2023)
 - ▨ Area of Tree Clearing
 - Hiking Trail

- Gate
- 10' Contour Line
- 2' Contour Line
- Map Sheet Matchline
- Parcel Boundary
- ▨ Eversource Owned Parcel



EVERSOURCE ENERGY	
1810/1825 Line - Structure Replacement Project	
Date: October 20, 2020 Revised August 04, 2023	
Bristol, CT	
	Map Sheet 6A of 7

1810/1825 Line - Structure Replacement Project
Map Sheet 06B Abutters Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
256-150	FRUIT FARM LLC	N/A	435 LAKE AVE	BRISTOL	CT
256-151	CONNECTICUT LIGHT AND POWER COMPANY	N/A	LAKE AVE	BRISTOL	CT
256-367	70 HALCYON REALTY LLC	N/A	70 HALCYON DR	BRISTOL	CT
256-368	RAYAL LLC	N/A	205 CENTURY DR	BRISTOL	CT
256-369	TOMED ENTERPRISES LLC	N/A	231 CENTURY DR	BRISTOL	CT
256-370	IDEX HEALTH & SCIENCE LLC	N/A	CROSS ST	BRISTOL	CT



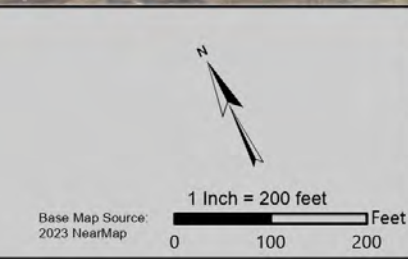
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- Proposed Structure
- Existing Structure to be Removed
- Existing Structure
- Overhead Eversource Line
- Stone Work Pad
- ▨ Temporary Construction Matting
- ▨ Existing Gravel

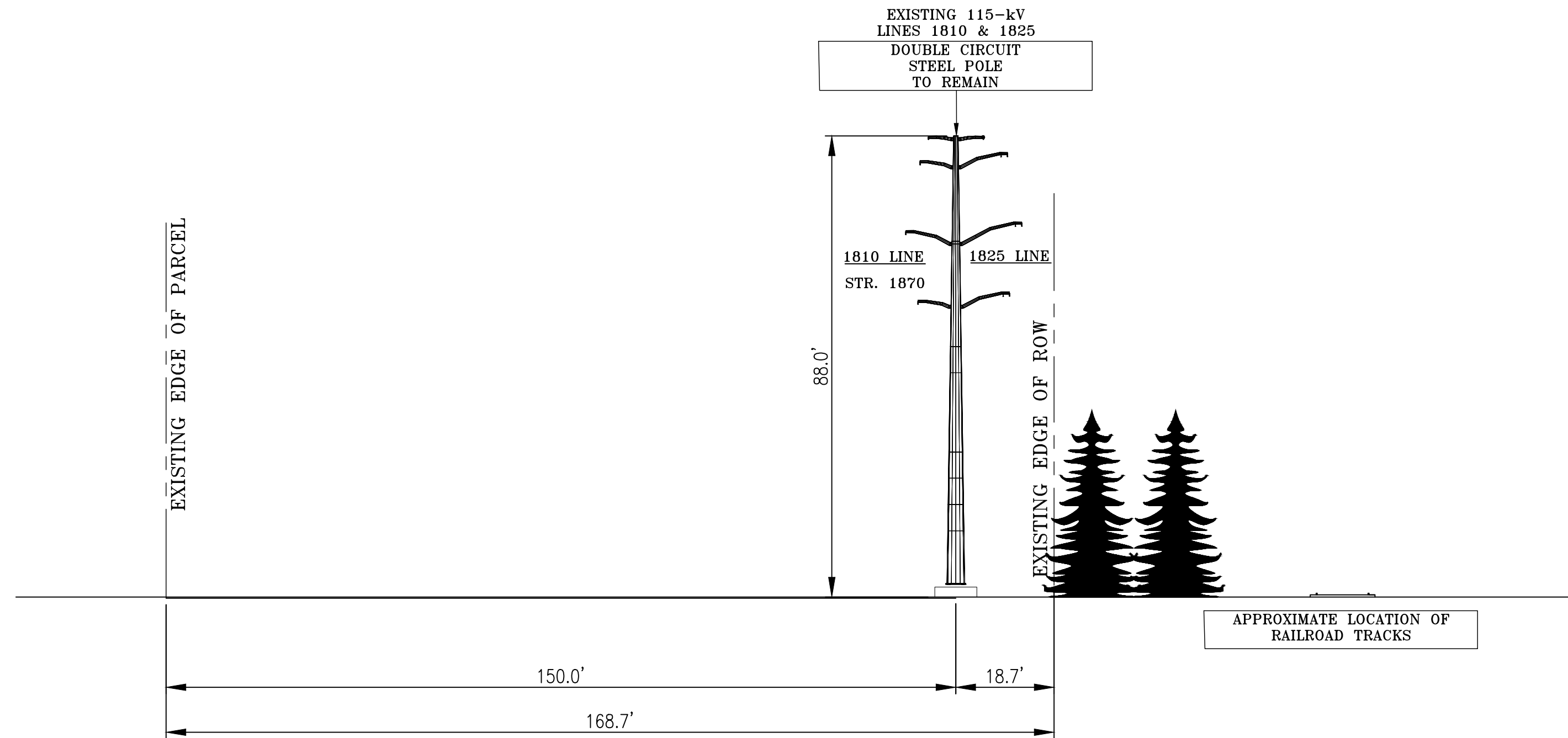
- Existing Access
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline

- Legend**
- Field Delineated Wetland
 - CT Jurisdictional Wetlands
 - NDDB Rare Species (June 2023)
 - FEMA 100-Year Flood Zone
 - Area of Tree Clearing
 - 10' Contour Line
 - 2' Contour Line
 - Map Sheet Matchline
 - Parcel Boundary
 - Eversource Owned Parcel

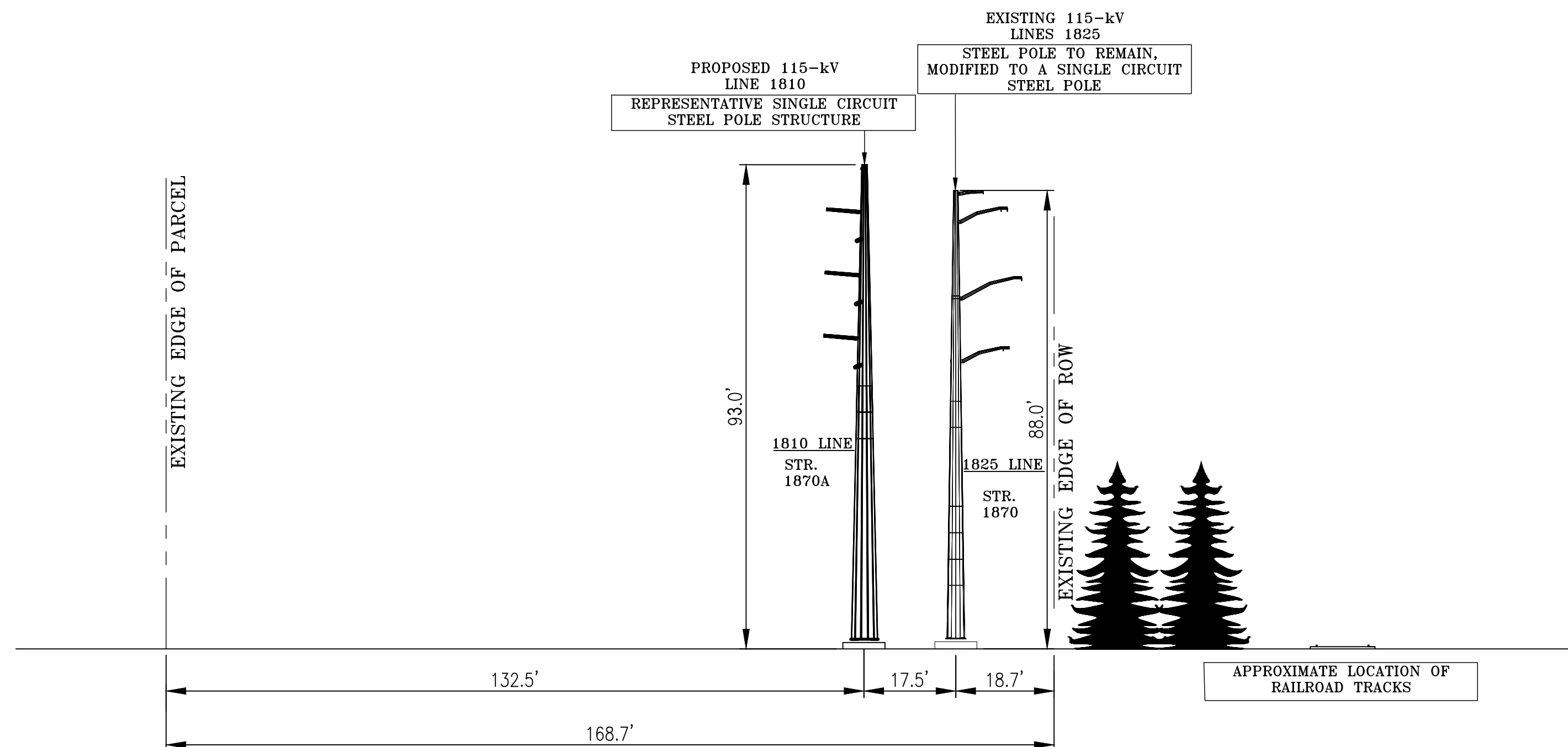


EVERSOURCE ENERGY	
1810/1825 Line - Structure Replacement Project	
Date: October 20, 2020 Revised August 04, 2023	
Bristol, CT	
	Map Sheet 6B of 7

ATTACHMENT D
CROSS SECTIONS



EXISTING R.O.W. CONFIGURATION
 LOOKING FROM LAKE AVENUE JUNCTION TO BRISTOL SUBSTATION
 IN THE TOWN OF BRISTOL, CT
 STR. #1870



PROPOSED R.O.W. CONFIGURATION
 LOOKING FROM LAKE AVENUE JUNCTION TO BRISTOL SUBSTATION
 IN THE TOWN OF BRISTOL, CT
 STR. #1870 & 1870A

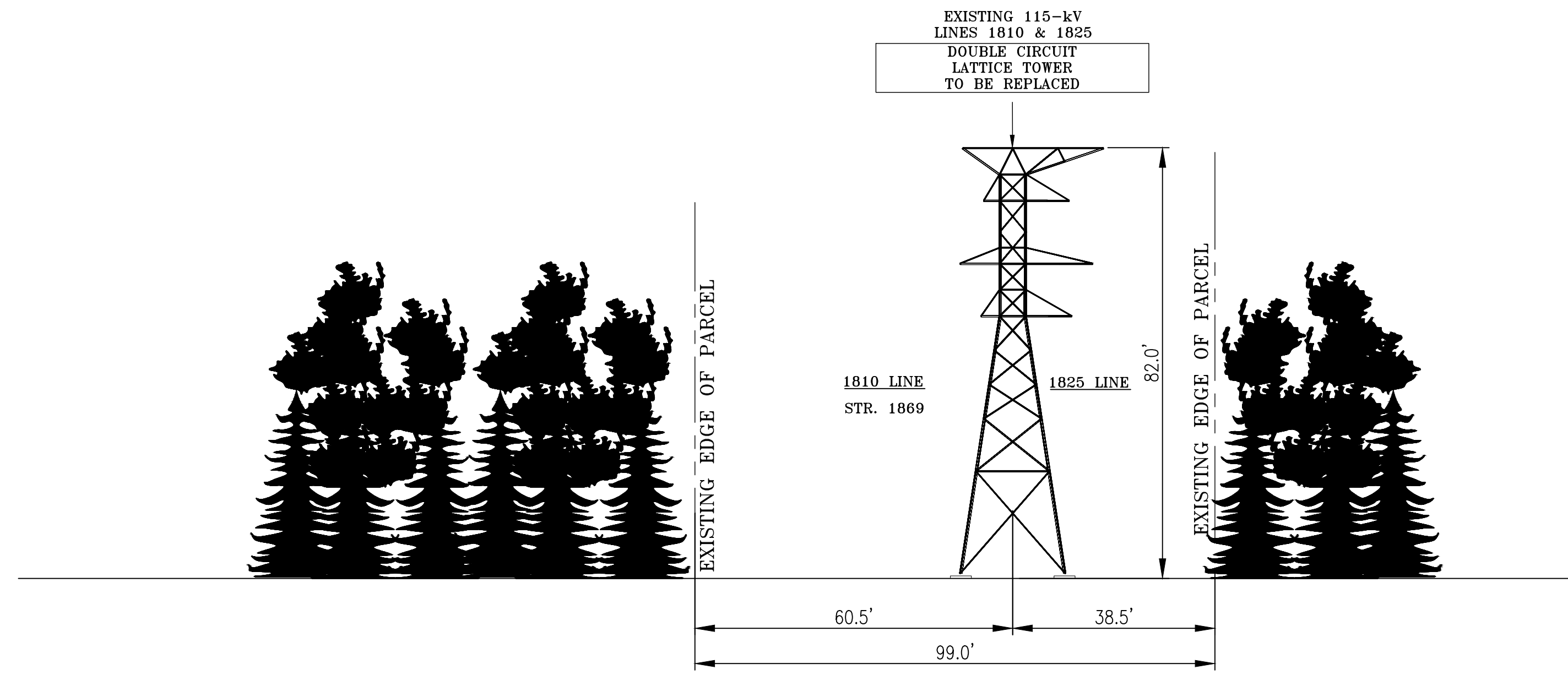
NOTE:
 CROSS SECTION DEPICTS EVERSOURCE OWNED PROPERTY WITH VARYING
 WIDTHS TO EDGE OF BOUNDARY. NO ADDITIONAL RIGHT OF WAY IS REQUIRED.

XS-1

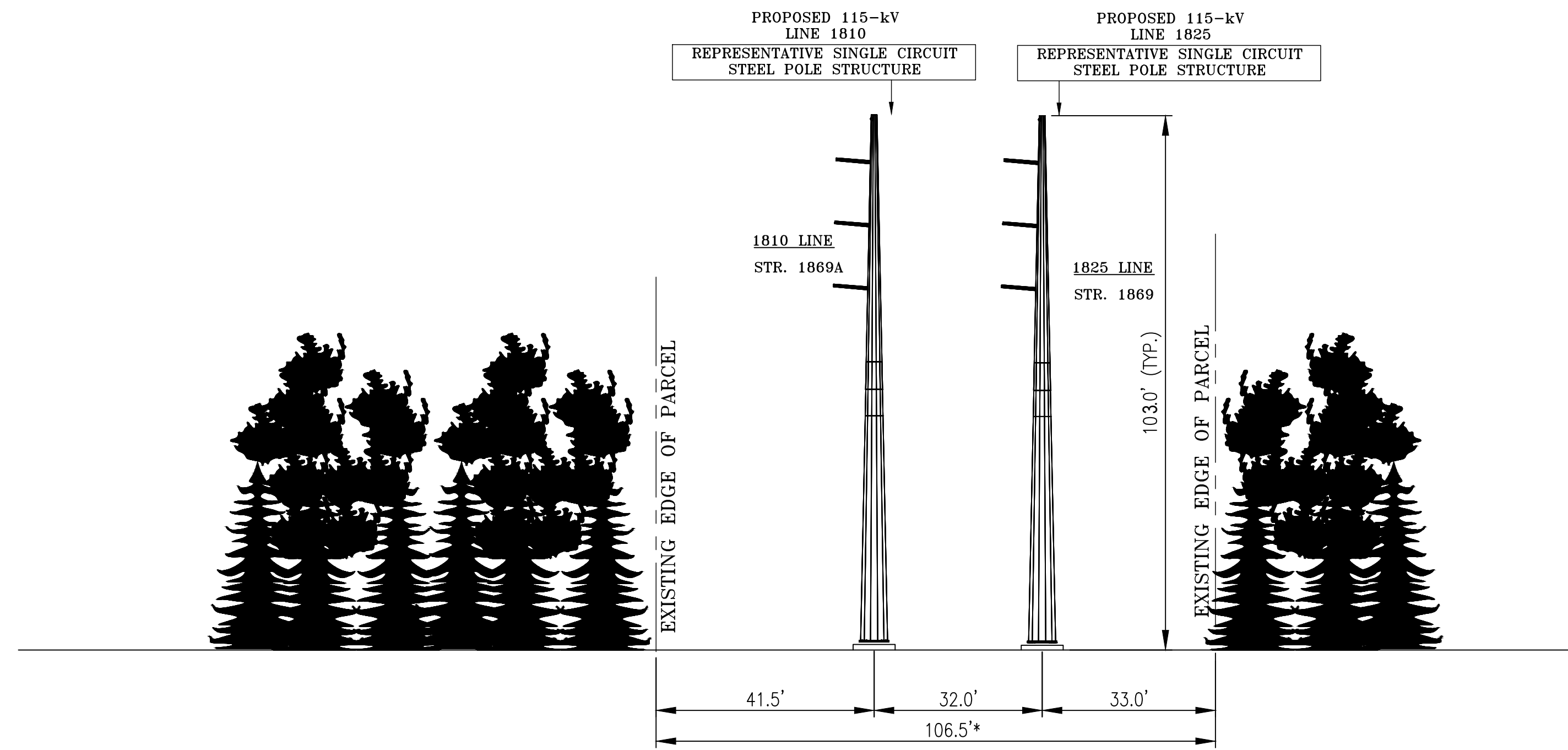
EVERSOURCE
 ENERGY

BRISTOL S/S TO FORESTVILLE JCT PARTIAL REBUILD PROJECT
 115-kV TRANSMISSION LINES 1810 & 1825
 RIGHT OF WAY CROSS SECTION
 BRISTOL - STR# 1870 & 1870A

BY	ACB/PJF	CHKD	SJT/PJF	APP	APP
DATE	8/7/2023	DATE	8/7/2023	DATE	DATE
H-SCALE	N.T.S.	SIZE	D	FIELD BOOK & PAGES	
V-SCALE	N.T.S.	V.S.		R.E. DWG	
R.E. PROJ. NUMBER	TPC028/TPC027			DWG NO.	



EXISTING R.O.W. CONFIGURATION
 LOOKING FROM STRUCTURE 1869 TO BRISTOL SUBSTATION
 IN THE TOWN OF BRISTOL, CT
 STR. #1869



PROPOSED R.O.W. CONFIGURATION
 LOOKING FROM STRUCTURE 1869 TO BRISTOL SUBSTATION
 IN THE TOWN OF BRISTOL, CT
 STR. #1869A & 1869

*NOTE: DUE TO POSITIONING OF NEW STRUCTURES, EXISTING RIGHT-OF-WAY IS WIDER AT THE LOCATION OF THE NEW STRUCTURES COMPARED TO THE RIGHT-OF-WAY WIDTH AT THE EXISTING STRUCTURE. NO ADDITIONAL RIGHT-OF-WAY IS REQUIRED.

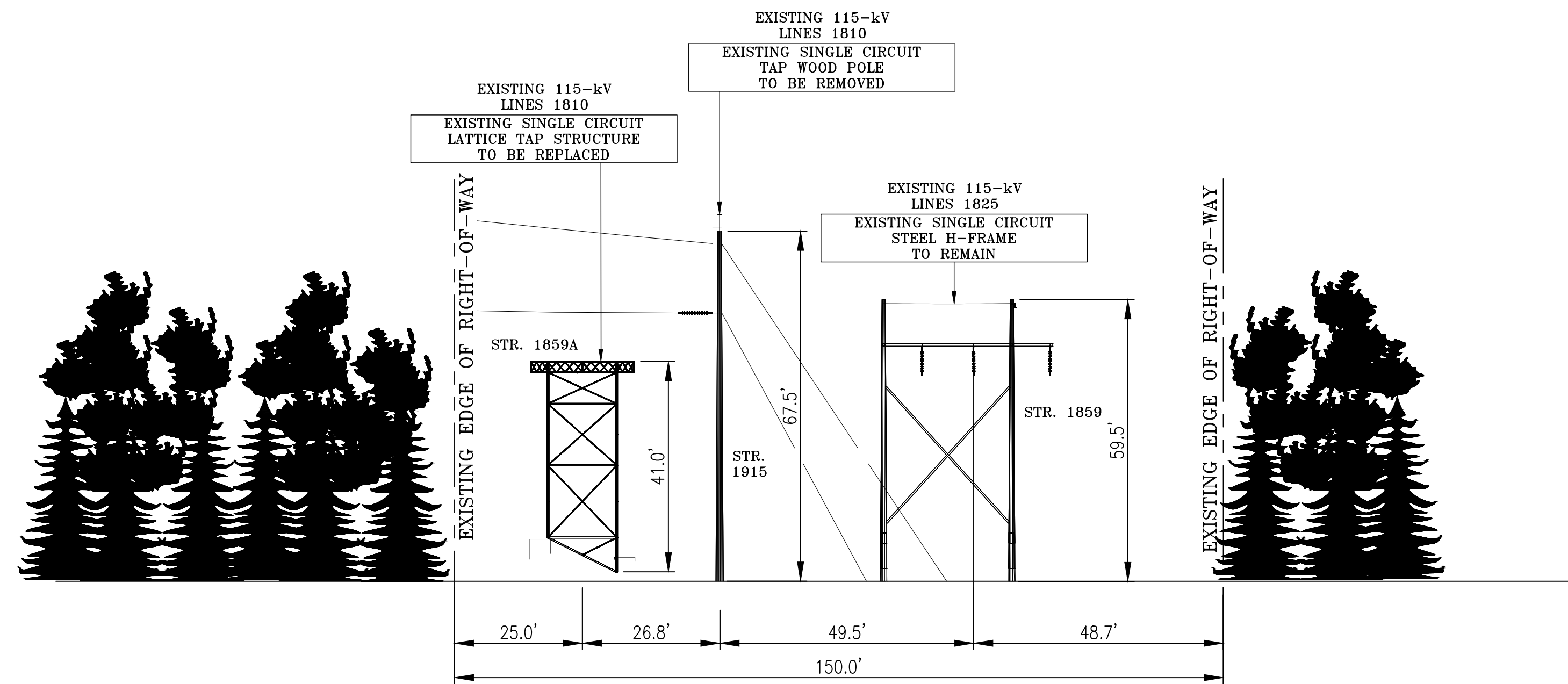
NOTE:
 CROSS SECTION DEPICTS EVERSOURCE OWNED PROPERTY WITH VARYING WIDTHS TO EDGE OF BOUNDARY. NO ADDITIONAL RIGHT OF WAY IS REQUIRED.

XS-2

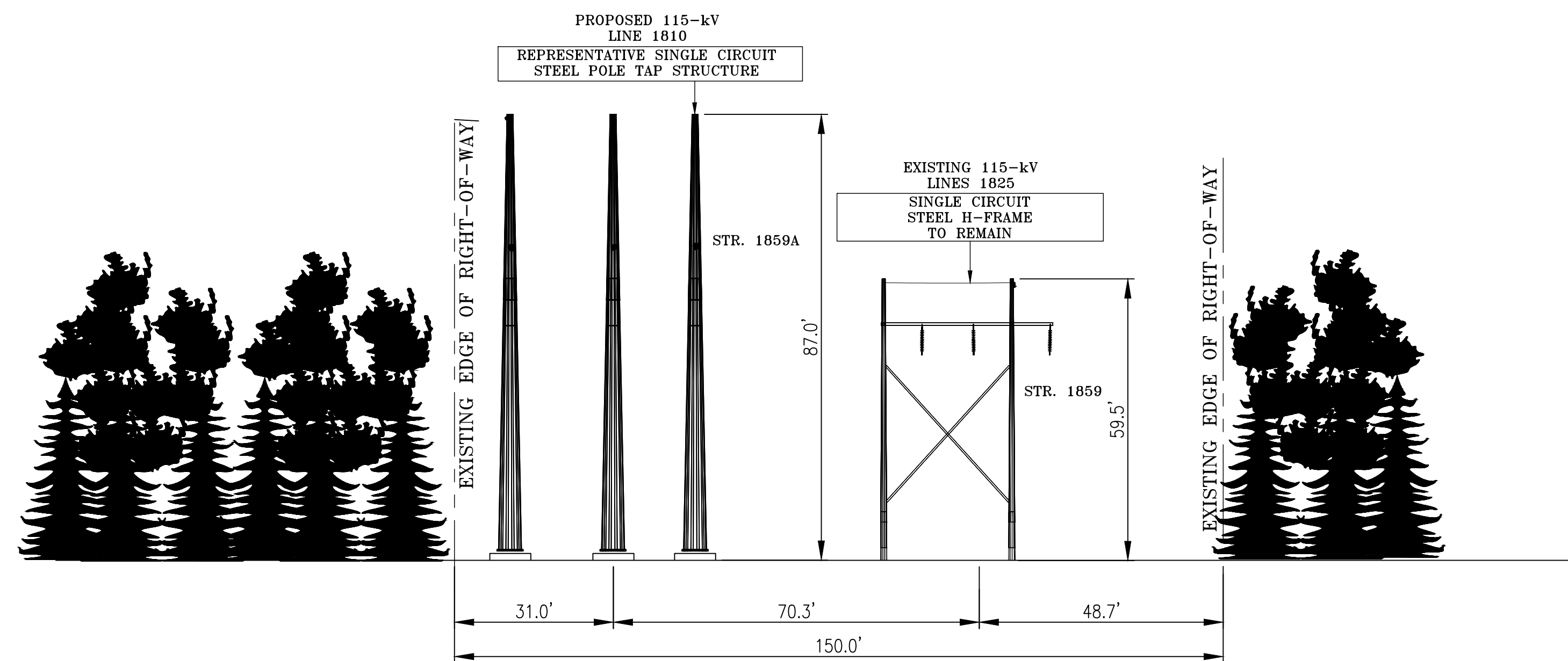
EVERSOURCE ENERGY

BRISTOL S/S TO FORESTVILLE JCT PARTIAL REBUILD PROJECT
 115-kV TRANSMISSION LINES 1810 & 1825
 RIGHT OF WAY CROSS SECTION
 BRISTOL - STR# 1869 & 1869A

BY: ACR/PJF	CHKD: SJT/PJF	APP: []	APP: []
DATE: 6/29/2023	DATE: 6/29/2023	DATE: []	DATE: []
H-SCALE: N.T.S.	SIZE: D	FIELD BOOK & PAGES	
V-SCALE: N.T.S.	V.S.: []	R.E. DWG	
R.E. PROJ. NUMBER: TPC028/TPC027	DWG NO.:		



EXISTING R.O.W. CONFIGURATION
 LOOKING FROM FORESTVILLE JUNCTION TO BRISTOL SUBSTATION
 IN THE TOWN OF BRISTOL, CT
 STR. #1859A & 1915



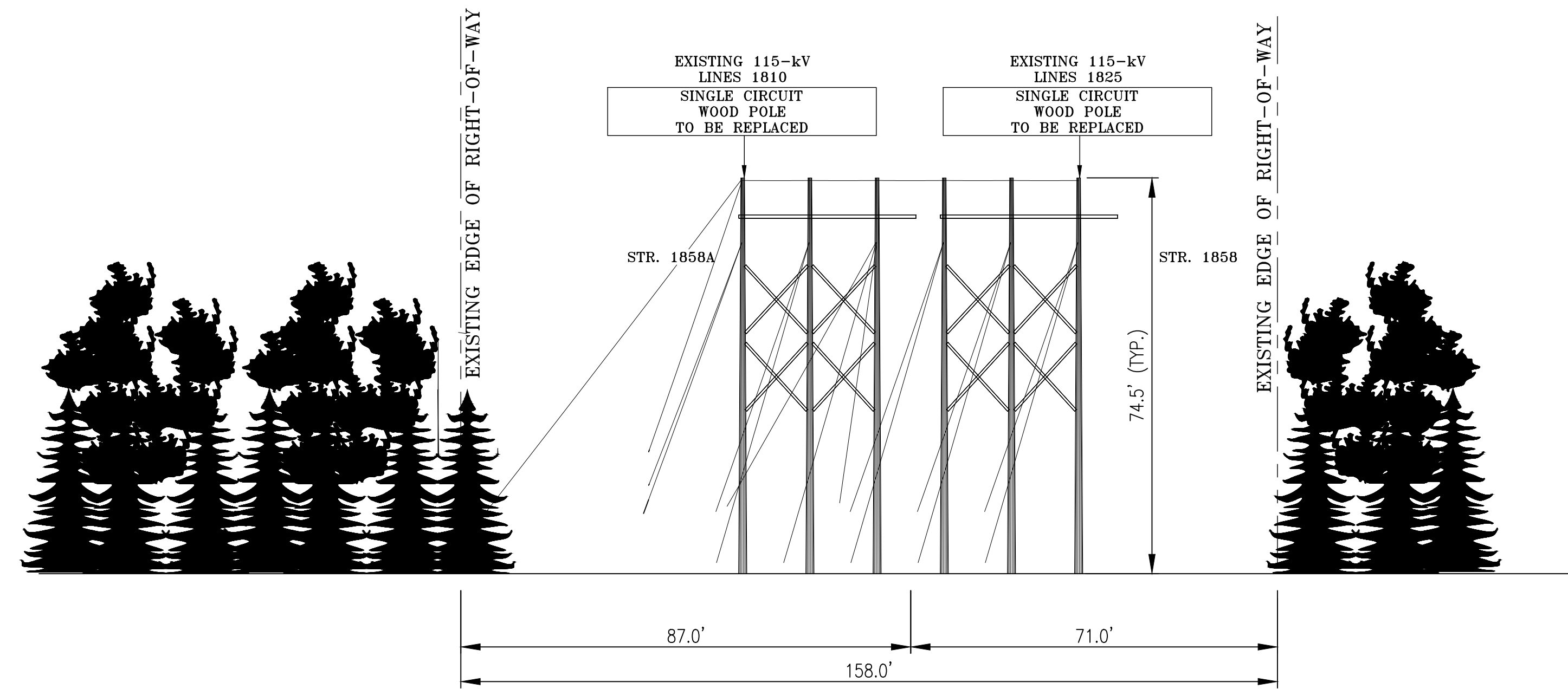
PROPOSED R.O.W. CONFIGURATION
 LOOKING FROM FORESTVILLE JUNCTION TO BRISTOL SUBSTATION
 IN THE TOWN OF BRISTOL, CT
 STR. #1859A

XS-3

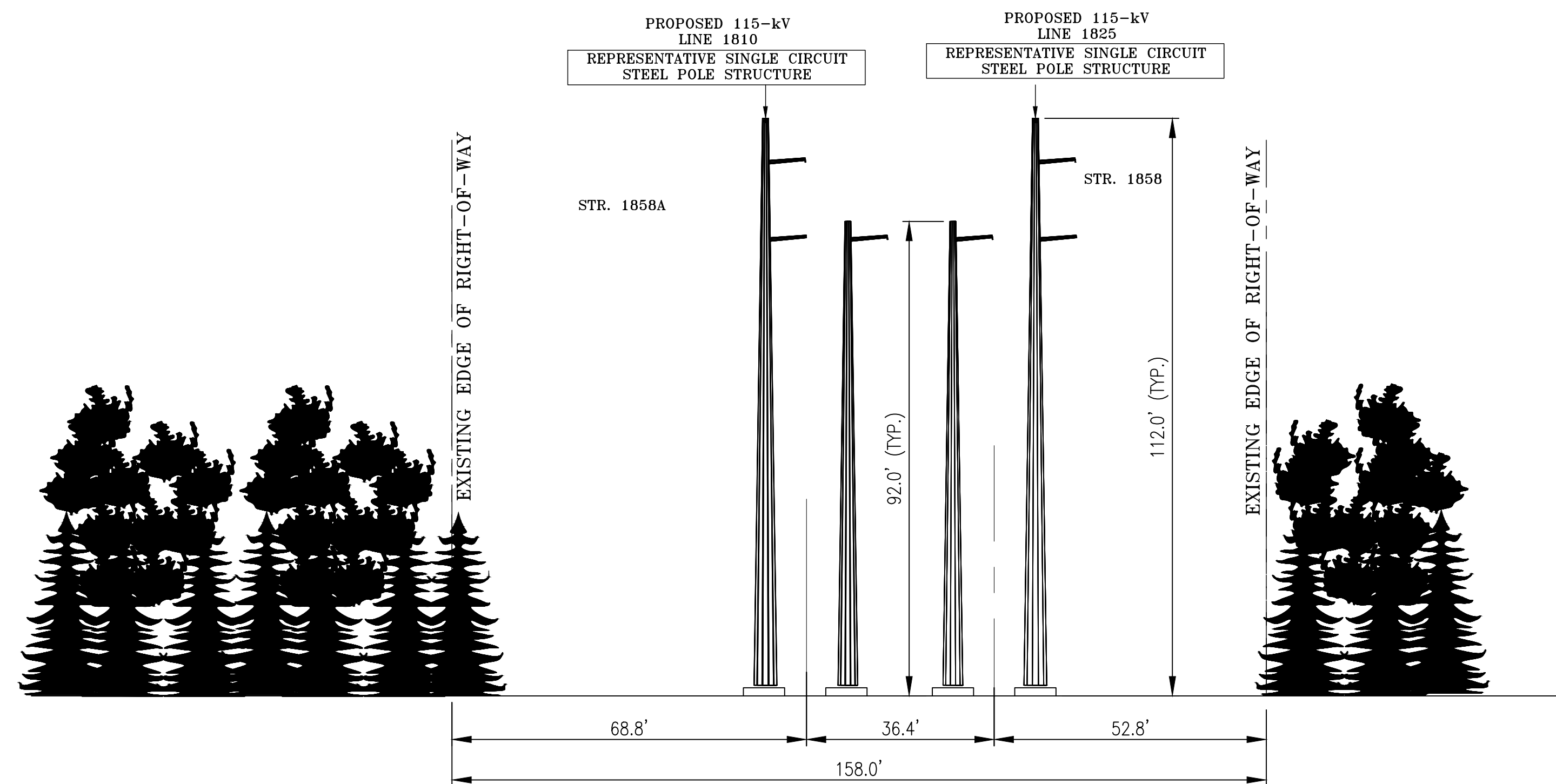
EVERSOURCE ENERGY

BRISTOL S/S TO FORESTVILLE JCT PARTIAL REBUILD PROJECT
 115-kV TRANSMISSION LINES 1810 & 1825
 RIGHT OF WAY CROSS SECTION
 BRISTOL - STR# 1859A & 1915

BY	ACB/PJF	CHKD	SJT/PJF	APP	APP
DATE	8/11/2023	DATE	8/11/2023	DATE	DATE
H-SCALE	N.T.S.	SIZE	D	FIELD BOOK & PAGES	
V-SCALE	N.T.S.	V.S.		R.E. DWG	
R.E. PROJ. NUMBER	TPC028/TPC027			DWG NO.	



EXISTING R.O.W. CONFIGURATION
 LOOKING FROM FORESTVILLE JUNCTION TO LAKE AVENUE JUNCTION
 IN THE TOWN OF BRISTOL, CT
 STR. #1858 & 1858A



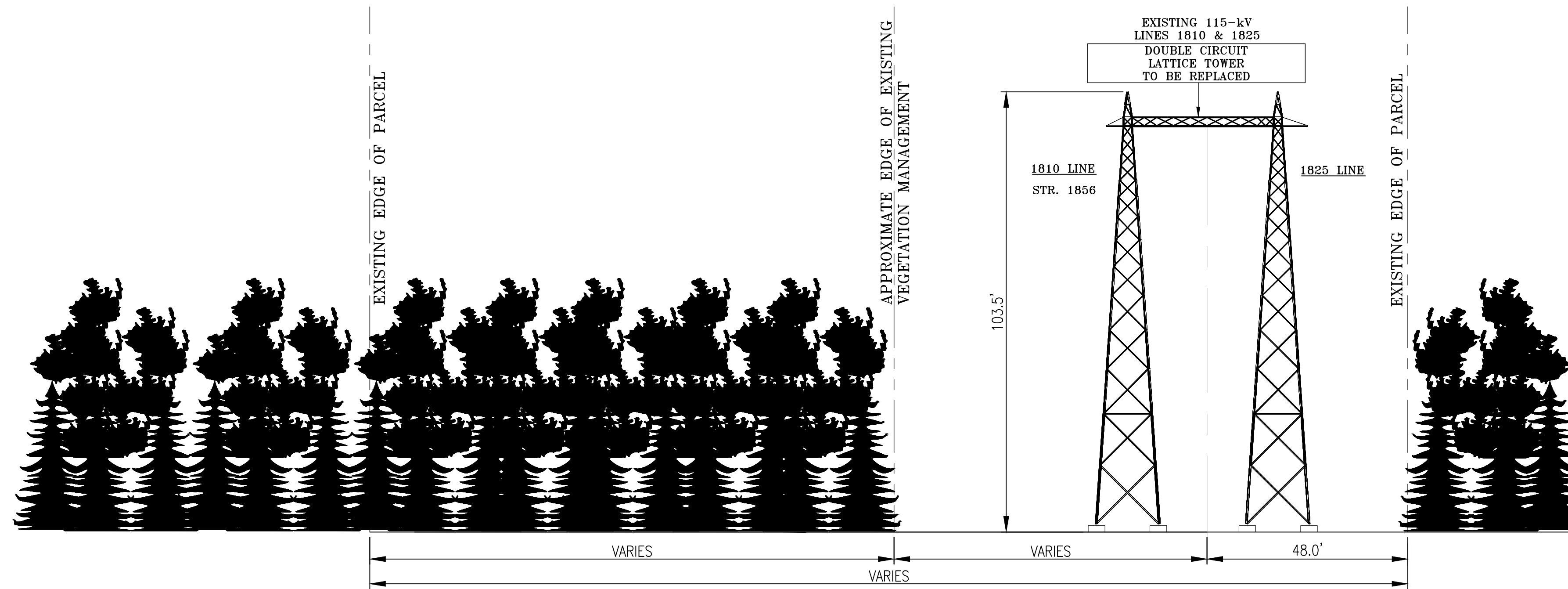
PROPOSED R.O.W. CONFIGURATION
 LOOKING FROM FORRESTVILLE JUNCTION TO LAKE AVENUE JUNCTION
 IN THE TOWN OF BRISTOL, CT
 STR. #1858 & 1858A

XS-4

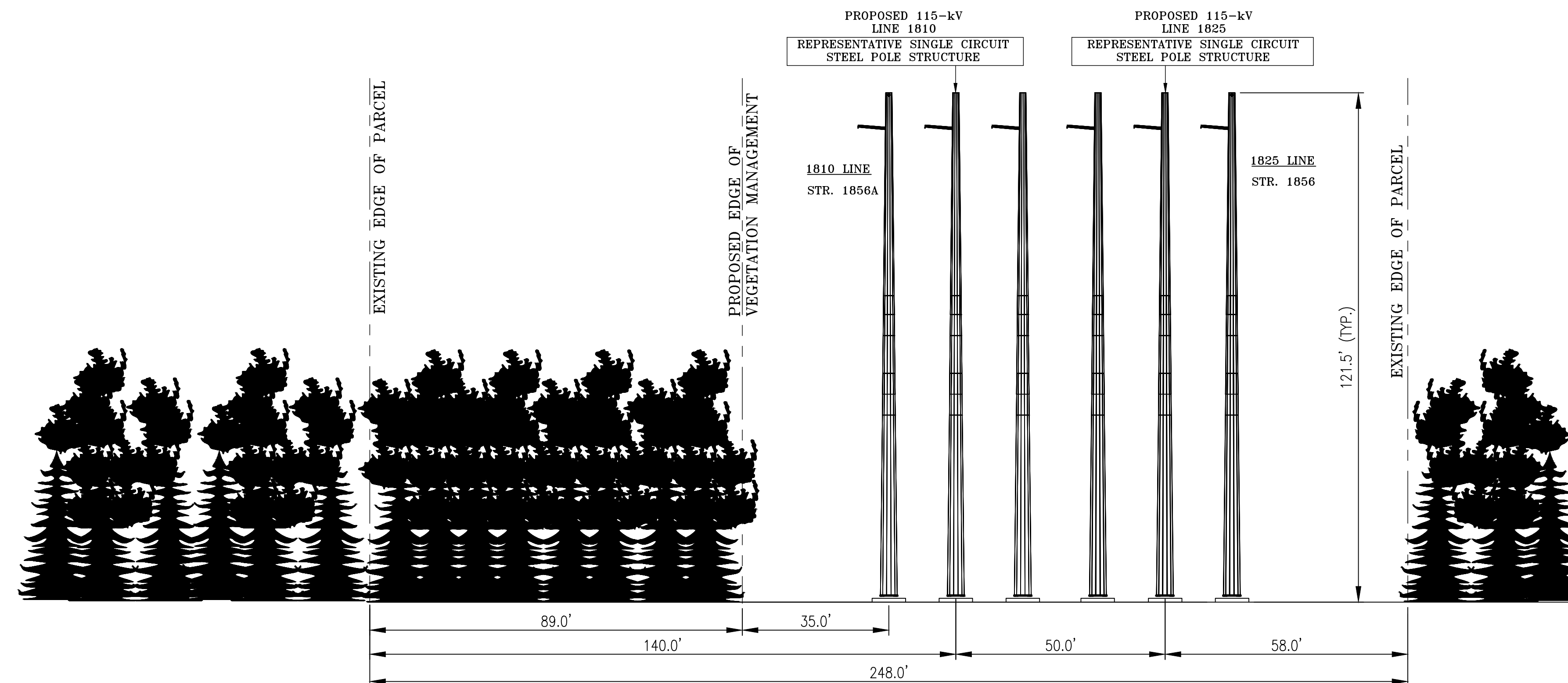
EVERSOURCE ENERGY

BRISTOL S/S TO FORESTVILLE JCT PARTIAL REBUILD PROJECT
 115-kV TRANSMISSION LINES 1810 & 1825
 RIGHT OF WAY CROSS SECTION,
 BRISTOL - STR. #1858 & 1858A

BY	ACB/PJF	CHKD	SJT/PJF	APP	APP
DATE	8/11/2023	DATE	8/11/2023	DATE	DATE
H-SCALE	N.T.S.	SIZE	D	FIELD BOOK & PAGES	
V-SCALE	N.T.S.	V.S.		R.E. DWG	
R.E. PROJ. NUMBER	TPC028/TPC027			DWG NO.	



EXISTING R.O.W. CONFIGURATION
 LOOKING FROM FORESTVILLE JUNCTION TO LAKE AVENUE JUNCTION
 IN THE TOWN OF BRISTOL, CT
 STR. #1856



PROPOSED R.O.W. CONFIGURATION
 LOOKING FROM FORESTVILLE JUNCTION TO LAKE AVENUE JUNCTION
 IN THE TOWN OF BRISTOL, CT
 STR. #1856 & 1856A

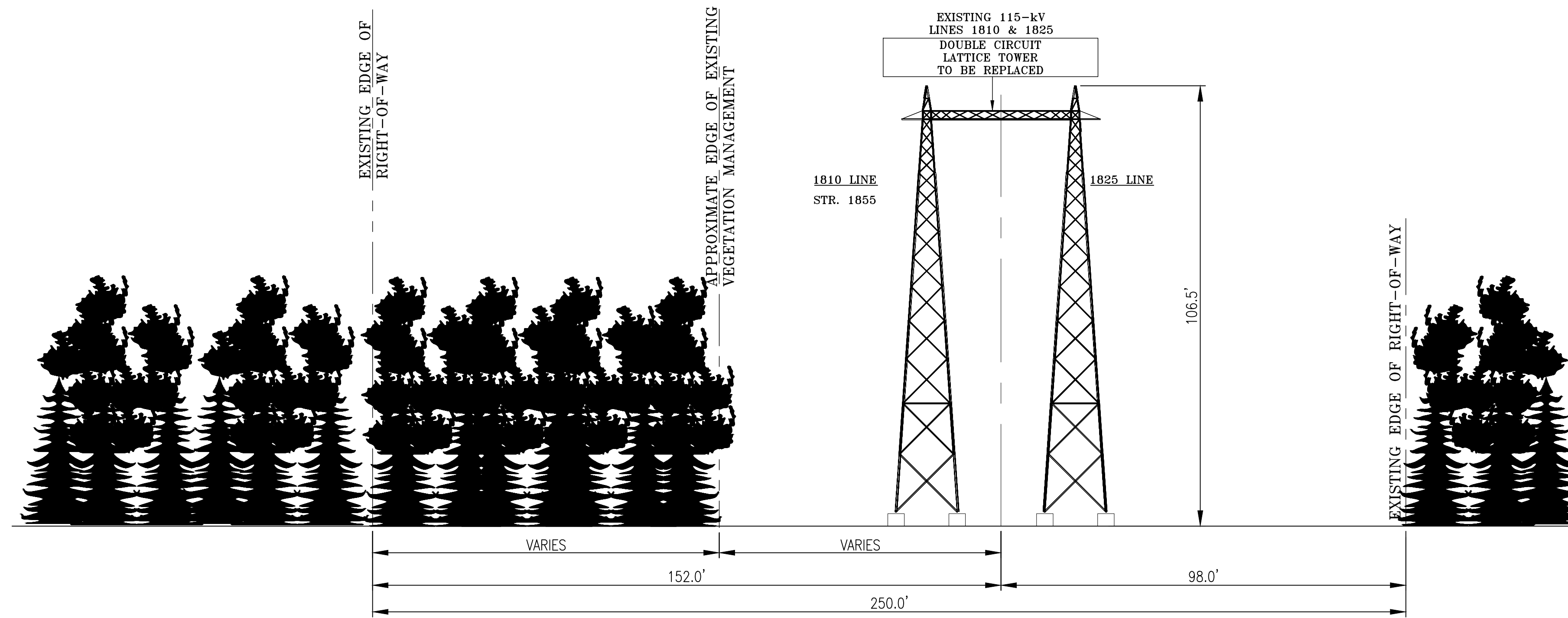
NOTE:
 CROSS SECTION DEPICTS EVERSOURCE OWNED PROPERTY WITH VARYING WIDTHS TO EDGE OF BOUNDARY. NO ADDITIONAL RIGHT OF WAY IS REQUIRED.

XS-5

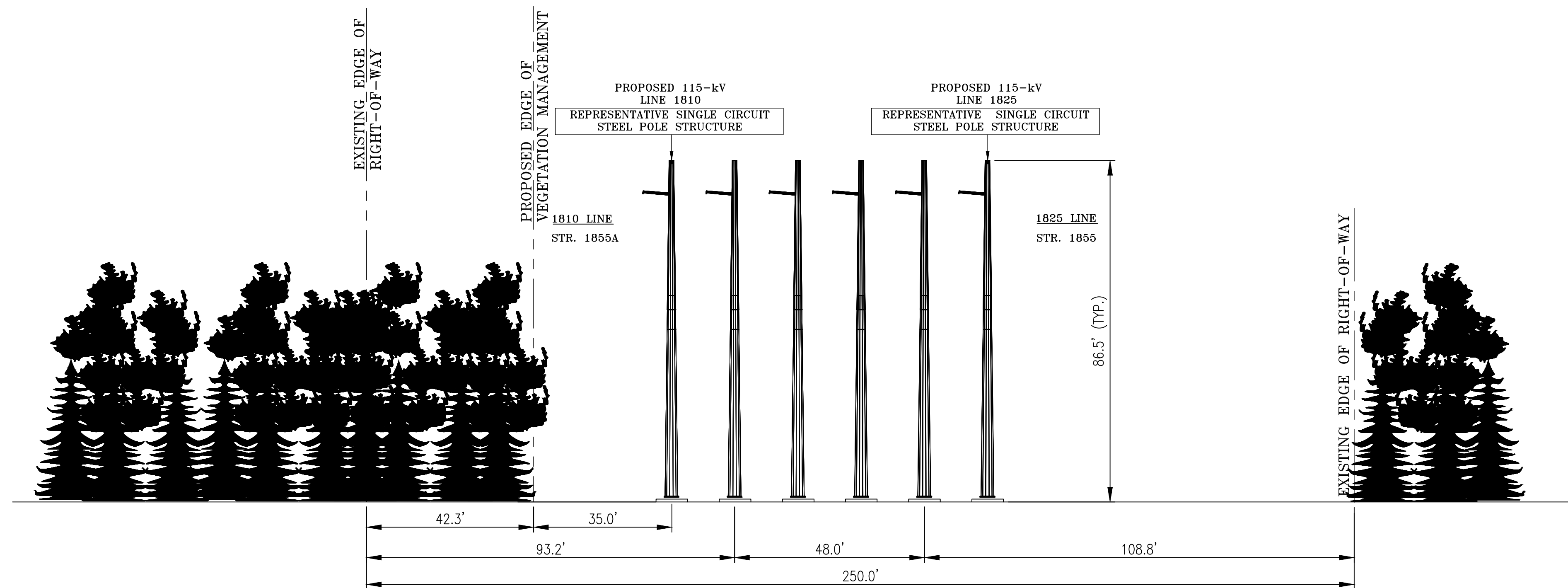
EVERSOURCE ENERGY

BRISTOL S/S TO FORESTVILLE JCT PARTIAL REBUILD PROJECT
 115-kV TRANSMISSION LINES 1810 & 1825
 RIGHT OF WAY CROSS SECTION,
 BRISTOL - STR. #1856 & 1856A

BY	ACB/PJF	CHKD	SJT/PJF	APP	APP
DATE	6/29/2023	DATE	6/29/2023	DATE	DATE
H-SCALE	N.T.S.	SIZE	D	FIELD BOOK & PAGES	
V-SCALE	N.T.S.	V.S.		R.E. DWG	
R.E. PROJ. NUMBER	TPC028/TPC027			DWG NO.	



EXISTING R.O.W. CONFIGURATION
 LOOKING FROM FORESTVILLE JUNCTION TO LAKE AVENUE JUNCTION
 IN THE TOWN OF BRISTOL, CT
 STR. #1855



PROPOSED R.O.W. CONFIGURATION
 LOOKING FROM FORESTVILLE JUNCTION TO LAKE AVENUE JUNCTION
 IN THE TOWN OF BRISTOL, CT
 STR. #1855 & 1855A

XS-6

EVERSOURCE
 ENERGY

BRISTOL S/S TO FORESTVILLE JCT PARTIAL REBUILD PROJECT
 115-kV TRANSMISSION LINES 1810 & 1825
 RIGHT OF WAY CROSS SECTION,
 BRISTOL - STR. #1855 & 1855A

BY: ACB/PJF	CHKD: SJT/PJF	APP: []	APP: []
DATE: 6/29/2023	DATE: 6/29/2023	DATE: []	DATE: []
H-SCALE: N.T.S.	SIZE: D	FIELD BOOK & PAGES	
V-SCALE: N.T.S.	V.S.:	R.E. DWG	
R.E. PROJ. NUMBER: TPC028/TPC027	DWG NO.:		