



56 Prospect Street
P.O. Box 270
Hartford, CT 06103

Kathleen M. Shanley
Manager – Transmission Siting
Tel: (860) 728-4527

November 4, 2022

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

Re: Sub-Petition No. 1293-SBM-01: 3754/3041 Transmission Lines Structure Replacement Project - Amendment to Sub-Petition pursuant to Condition 2 of the Connecticut Siting Council Sub-Petition Approval – 11 Additional Replacement Structures (Towns of Southington, Berlin, Meriden, Middletown, and Middlefield)

Dear Attorney Bachman:

On April 23, 2021, 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 3754/3041 transmission lines right-of-way ("ROW") in Southington, Berlin and Meriden Connecticut. As detailed in the Sub-Petition, the work included replacing 21 existing transmission structures with new weathering steel transmission structures.

On May 24, 2021, the Council issued a letter acknowledging that the subject project would not have an adverse environmental effect and would not require a Certificate of Environmental Compatibility and Public Need. Since the time of the Council's ruling, Eversource has identified 11 additional transmission structures (Structures 9500, 8651, 9504, 9524, 9533, 9534, 9551, 8708, 9559, 9564, and 9574) on the 3754/3041 Lines that require replacement due to asset condition. Eversource plans to conduct the transmission structure replacement work to remediate structure damage caused by age, weather, woodpecker activity, and corrosion.

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

- Replace three existing single-circuit wood H-frame structures, Structures 9504, 9533 and 9534, with new single-circuit weathering steel H-frame structures. To comply with current conductor clearance requirements, the heights of the replacement structures will be increased. Structures 9504 and 9533 will each be 4.5 feet taller, and both structures will have an overall height of 88 feet, and Structure 9534 will be 13.5 feet taller, for an overall height of 79 feet.
- Replace two existing single-circuit wood three-pole structures, Structures 9524 and 9564, with new single-circuit weathering steel two-pole structures. To comply with current conductor clearance requirements, the design of the new structures will support the lines in a vertical configuration as opposed to the existing horizontal configuration and the heights of the replacement structures will be increased. Structure 9524 will be 27.5 feet taller for an overall height of 111 feet and Structure 9564 will be 35.5 feet taller, for an overall height of 101 feet.

- Replace two existing single-circuit steel lattice structures, Structures 8651 and 9500, with new single-circuit weathering steel H-frame structures. To comply with current conductor clearance requirements, the heights of the replacement structures will be increased. Each structure will be 5 feet taller and both structures will have an overall height of 136 feet.
- Replace four existing single-circuit steel lattice structures, Structures 8708, 9551, 9559, and 9574, with new single-circuit weathering steel two-pole structures. To comply with current conductor clearance requirements, the design of the new structures will support the lines in a vertical configuration as opposed to the existing horizontal configuration and the heights of the replacement structures will be increased. Structure 8708 will be 21 feet taller for an overall height of 141 feet, Structure 9551 will be 25 feet taller for an overall height of 136 feet, Structure 9559 will be 18 feet taller for an overall height of 136 feet, and Structure 9574 will be 16 feet taller, for an overall height of 136 feet.

Please see revised map sheets, 1, 5, 8 and 9, and supplemental map sheets 1A, 6A, 9A, 9B, and 9C in Attachment A; “3754/3041 Lines - Structure Replacement Project” “Sub-Petition Map Set”, dated April 4, 2021, revised October 27, 2022. In addition, please see Attachment B; “Right-of-Way Cross Sections”.

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 and existing ROW utilizing existing access roads and two new permanent access roads, as well as some temporary 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.
- Collectively, utilizing existing and temporary access roads, the Work Activities would result in approximately 60,071 square feet ("SF") of temporary wetland impacts from the temporary use of matting required for the construction of access roads and work pads for five structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W1	9500	±21,815	±1,121
W1	8651	±22,500	0
W35	9559/8717 ¹	±3,640	0
W37	9564	±2,968	±2,370
W40	9574	±5,657	0
<i>Subtotals:</i>		±56,580	±3,491
TOTAL:		±60,071	

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”) to avoid impacts to the nearby watercourse.

¹ Structure 8717 was previously acknowledged by the Council on 6/2/20 under Sub-Petition 1293-SBMM-01. On 3/3/22 the Council granted Eversource an extension of time until 6/2/23 to complete the improvements. In conjunction with the replacement of adjacent Structure 9559, detailed within, the work pad at Structure 8717 will be reconfigured to include additional gravel and temporary matting to complete the structure replacement activities at Structures 9559 and 8717.

- No adverse impacts to vernal pools (“VP”) or vernal pool envelopes (“VPE”) are anticipated from the proposed Work Activities. However, one VP habitat has been identified (“VP3”) near a Work Area. A portion of the matted work pad for Structures 9559 and 8717 are located within the VPE associated with VP3. Vernal pool species protection measures will be implemented where Work Activities extend into the VPE and vegetation removal would be limited to hand clearing only. With the implementation of these protective measures, no adverse impacts to VP3 or the VPE are anticipated from proposed Work Activities.
- Based on review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Database ("NDDB"), the Work Activities associated with Structures 9559, 8717, 9564 and 9574 are proposed within NDDB polygon areas and wetland jurisdictional areas and therefore subject to a NDDB review request. Eversource is currently in consultation with CTDEEP regarding Eversource's proposed work in these areas and will adhere to any state-listed species protection measures recommended by CTDEEP, as necessary. Work will also be conducted in accordance with Eversource's BMPs to further avoid or minimize impact to terrestrial habitats that may support state-listed species. With these protective measures, no adverse impacts to state-listed species are anticipated.
- The Work Activities will not require any tree clearing. However, Eversource may need to undertake tree trimming and/or vegetation removal/mowing for conductor clearance and/or to improve access to portions of the Work Areas.
- A Phase 1A cultural resources 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 a review of historic maps, aerial photographs, and available soil profiles, the Work Areas associated with Structure 8708 were identified as possessing a potential for moderate to high archaeological sensitivity. These locations were evaluated in the field by Heritage with a Phase 1B cultural resources reconnaissance survey (shovel pit testing). The survey failed to identify any archaeological deposits, therefore, Heritage concluded that no additional testing is necessary and no impacts to cultural resources are anticipated.
- There are no 100-year flood zones associated with the Work Areas.
- 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-SBM-01.

Two new permanent access roads would be constructed in upland areas within the ROW to facilitate access to Structures 8708 and 9551. Existing access roads in upland areas may be hardened and widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting will be used for temporary access roads within wetlands, as well as in maintained upland areas. The matting will be removed upon completion of the Work Activities and the areas restored, as necessary. Eversource will access the Work Areas by entering its ROW from existing access points on public roads as follows:

Southington

- Peters Circle for Structures 8651 and 9500
- Pin Oak Drive for Structure 9504

Berlin

- Heritage Drive for Structure 9524

Meriden

- Beaver Lake Road for Structures 9533 and 9534
- Westfield Road for Structures 8708 and 9551
- Preston Avenue for Structures 9559, and 9564
- Meriden Road (State Route 66) for Structure 9574

Eversource herewith respectfully requests approval for the requested changes. Enclosed please find an original and 3 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 kathleen.shanley@eversource.com or telephone at (860)728-4527.

Sincerely,



Kathleen M. Shanley
Manager - Transmission Siting

Enclosures

ATTACHMENT A

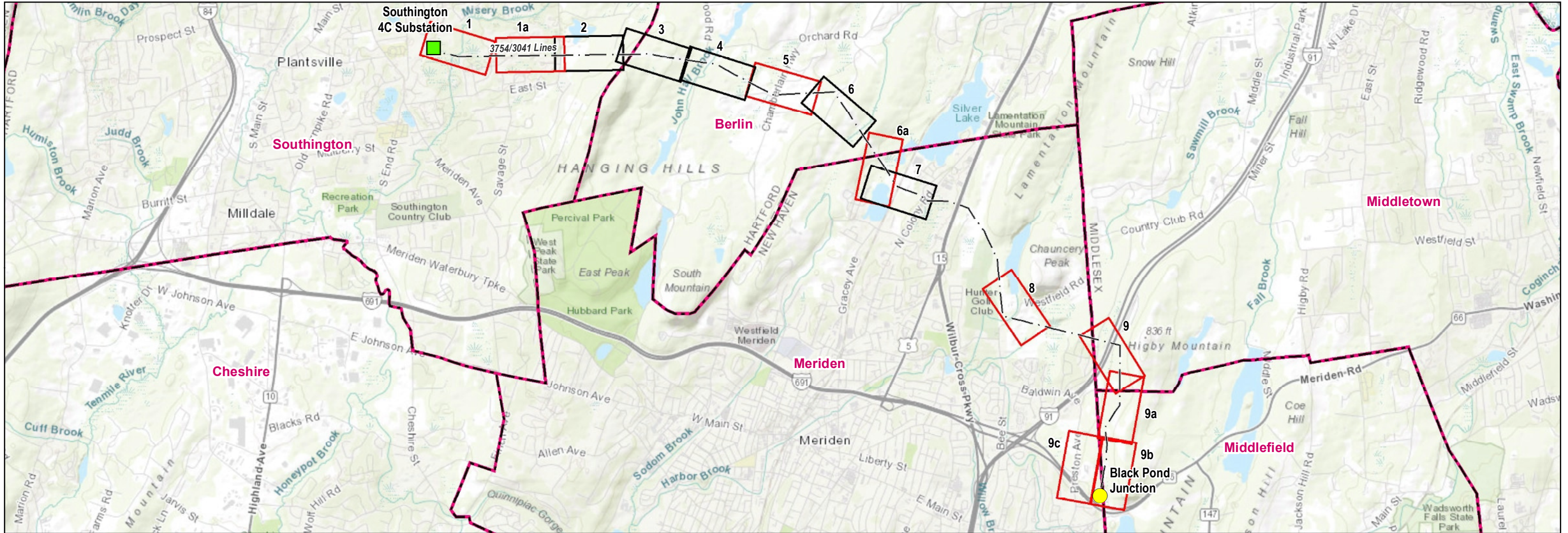
MAP SET

3754/3041 Lines - Structure Replacement Project

SOUTHINGTON, BERLIN, MERIDEN, MIDDLETOWN, MIDDLEFIELD, CT

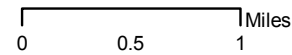
Sub-Petition Map Set

Date: 4/20/2021
Revised October 27, 2022



Legend

- Junction
- Substation
- Revised Map Sheet
- Map Sheet
- Municipal Boundary



INDEX OF FIGURES

Title Sheet / Index Map
Abutter Tables & Map Sheets 1-14

NO.	DATE	REVISIONS
1	10/20/22	12 structures added to project

PREPARED FOR:
EVERSOURCE
ENERGY

107 Selden Street
Berlin, CT 06037

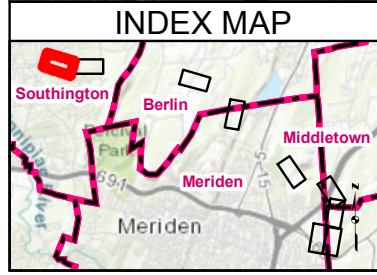
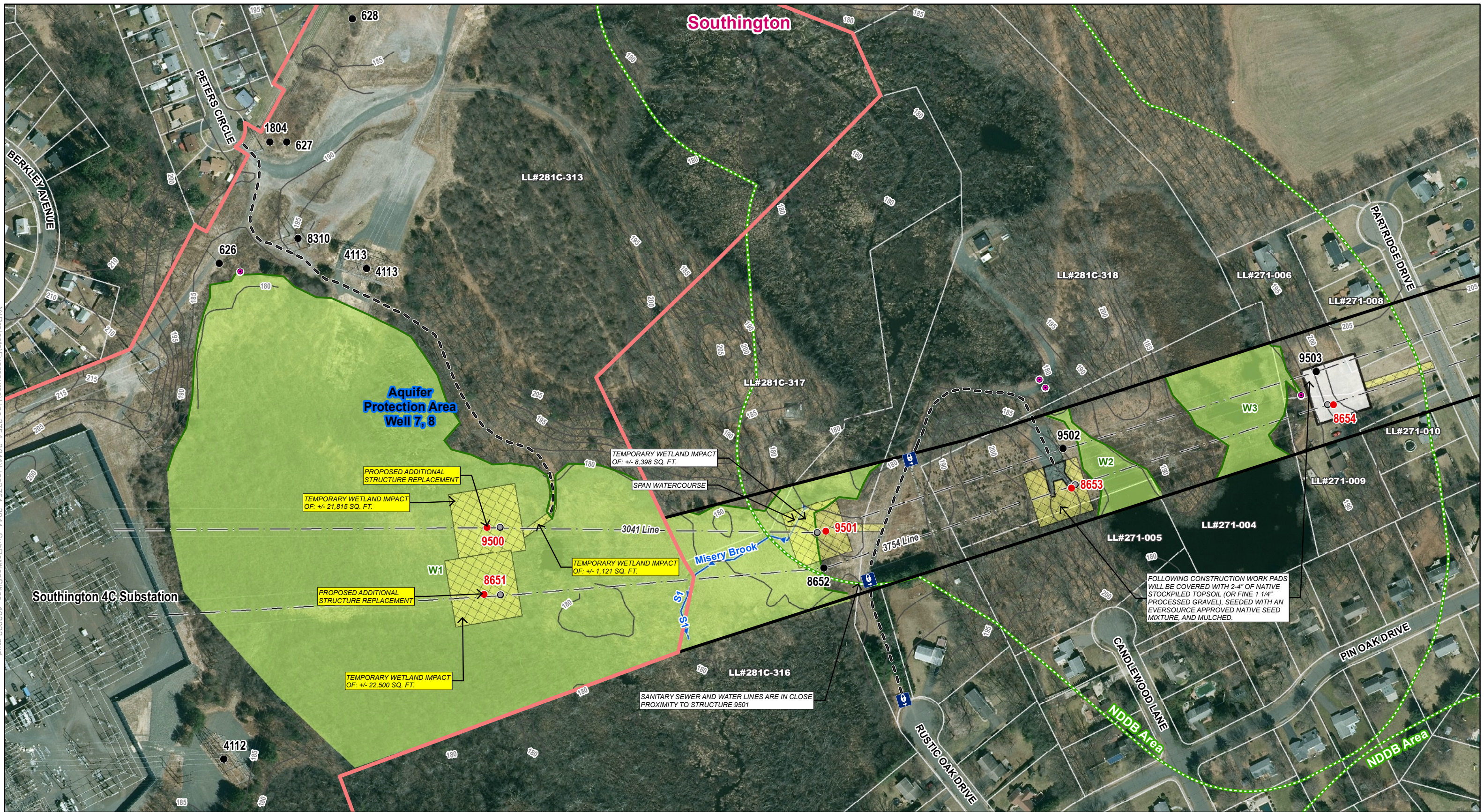
PREPARED BY:

AECOM

500 Enterprise Drive
Rocky Hill, CT 06067

3754/3041 Lines Structure Replacement Project
Map Sheet 01 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-004	TOWN OF SOUTHINGTON	151 CANDLEWOOD LANE	SOUTHINGTON	CT
271-005	TOWN OF SOUTHINGTON	170 CANDLEWOOD LN	SOUTHINGTON	CT
271-006	STEVEN E KLEINER	218 PARTRIDGE DRIVE	SOUTHINGTON	CT
271-008	MICHAEL & LAUREN KNOPF	206 PARTRIDGE DRIVE	SOUTHINGTON	CT
271-009	KELVIN J GOODWIN	182 PARTRIDGE DRIVE	SOUTHINGTON	CT
271-010	SEAN F & DAWN M GARVEY	170 PARTRIDGE DRIVE	SOUTHINGTON	CT
281C-313	CONNECTICUT LIGHT & POWER CO	297 BELLEVIEW AVE	SOUTHINGTON	CT
281C-316	TOWN OF SOUTHINGTON	381 BELLEVIEW AVE	SOUTHINGTON	CT
281C-317	TOWN OF SOUTHINGTON	200 RUSTIC OAK DR #REAR	SOUTHINGTON	CT
281C-318	TOWN OF SOUTHINGTON	165 RUSTIC OAK DR #REAR	SOUTHINGTON	CT



Legend		Legend		Legend	
● Existing Structure	Str.Label	■ Temporary Construction Matting	■ Field Delineated Wetland	— Existing Right-of-Way	⚡ Gate
○ Existing Structure to be Removed	Str.Label	■ Stone Work Pad	■ Open Water	— Eversource Owned Property	105 LLNs/Property Owner
● Proposed Structure	Str.Label	— Railroad	■ Confirmed Vernal Pool Extent	— Parcel Boundary	
— Existing Access		— Delineated Wetland Boundary Outline	■ Rare Species (June 2022)	— Municipal Boundary	
— Proposed Access		— Delineated Intermittent Watercourse	■ State-Owned Property	— 5' Contour Line	
— Hiking Trail		— Delineated Perennial Watercourse	■ Aquifer Protection Area	● Culvert	
■ Existing Gravel		— 100' Vernal Pool Envelope	— Overhead Eversource Line	— Map Sheet Matchlines	

1	10/20/22	12 structures added to project	DM	TO
NO.	DATE	REVISIONS	BY	CHK APP APP

EVERSOURCE ENERGY

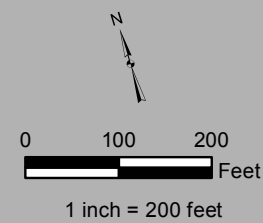
3754/3041 Line Structure Replacement Project

Southington, CT

Map Sheet 1 of 9

4/20/2021
Revised 10/27/2022

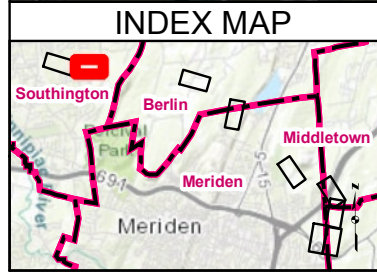
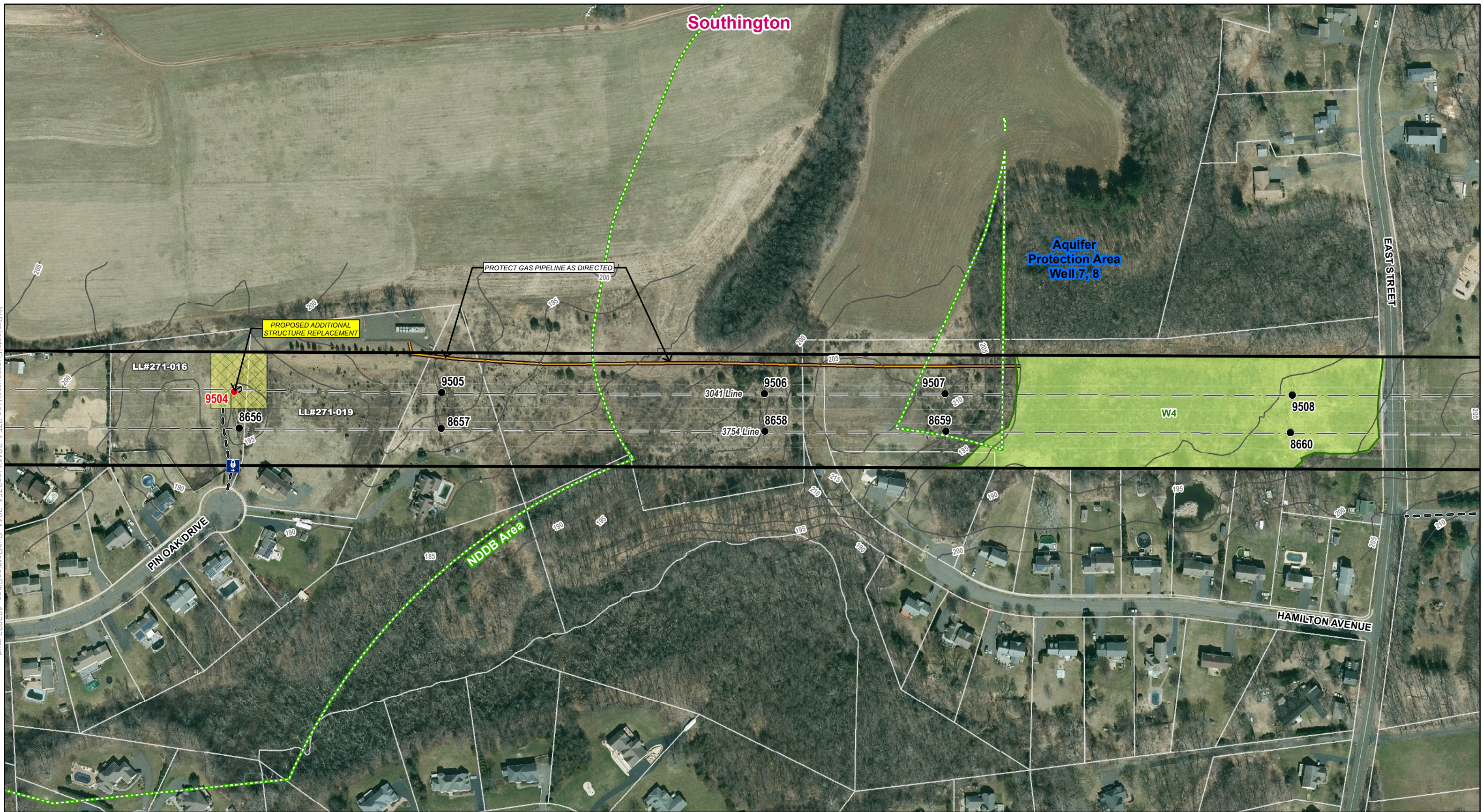
AECOM



Y:\Projects\Eversource\Line 3754_3041\Lines\754_3041_Subpetition\Sting_102022.mxd

3754/3041 Lines Structure Replacement Project
Map Sheet 01a Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-016	SCOTT A & KRISTIN L RAMEY	279 PIN OAK DRIVE	SOUTHINGTON	CT
271-019	YOUSSEF EL-BAKHAR	296 PIN OAK DRIVE	SOUTHINGTON	CT



Legend	
● Existing Structure Str.Label	Temporary Construction Matting
○ Existing Structure to be Removed Str.Label	Stone Work Pad
● Proposed Structure Str.Label	Railroad
--- Existing Access	Delineated Wetland Boundary Outline
--- Proposed Access	Delineated Intermittent Watercourse
Existing Gravel	Delineated Perennial Watercourse
100' Vernal Pool Envelope	100' Vernal Pool Envelope
Field Delineated Wetland	Open Water
Confirmed Vernal Pool Extent	Rare Species (June 2022)
Aquifer Protection Area	State-Owned Property
Overhead Eversource Line	Parcel Boundary
Eversource Gas Pipeline (Approx.)	Eversource Owned Property
Existing Right-of-Way	Municipal Boundary
Map Sheet Matchlines	5' Contour Line
Gate	Culvert
LLNs/Property Owner	

NO.	DATE	REVISIONS	BY	CHK	APP	APP
1	10/20/22	12 structures added to project	DM	TO		

EVERSOURCE ENERGY

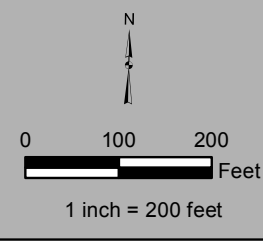
3754/3041 Line Structure Replacement Project

Southington, CT

Map Sheet 1a of 9

10/27/2022

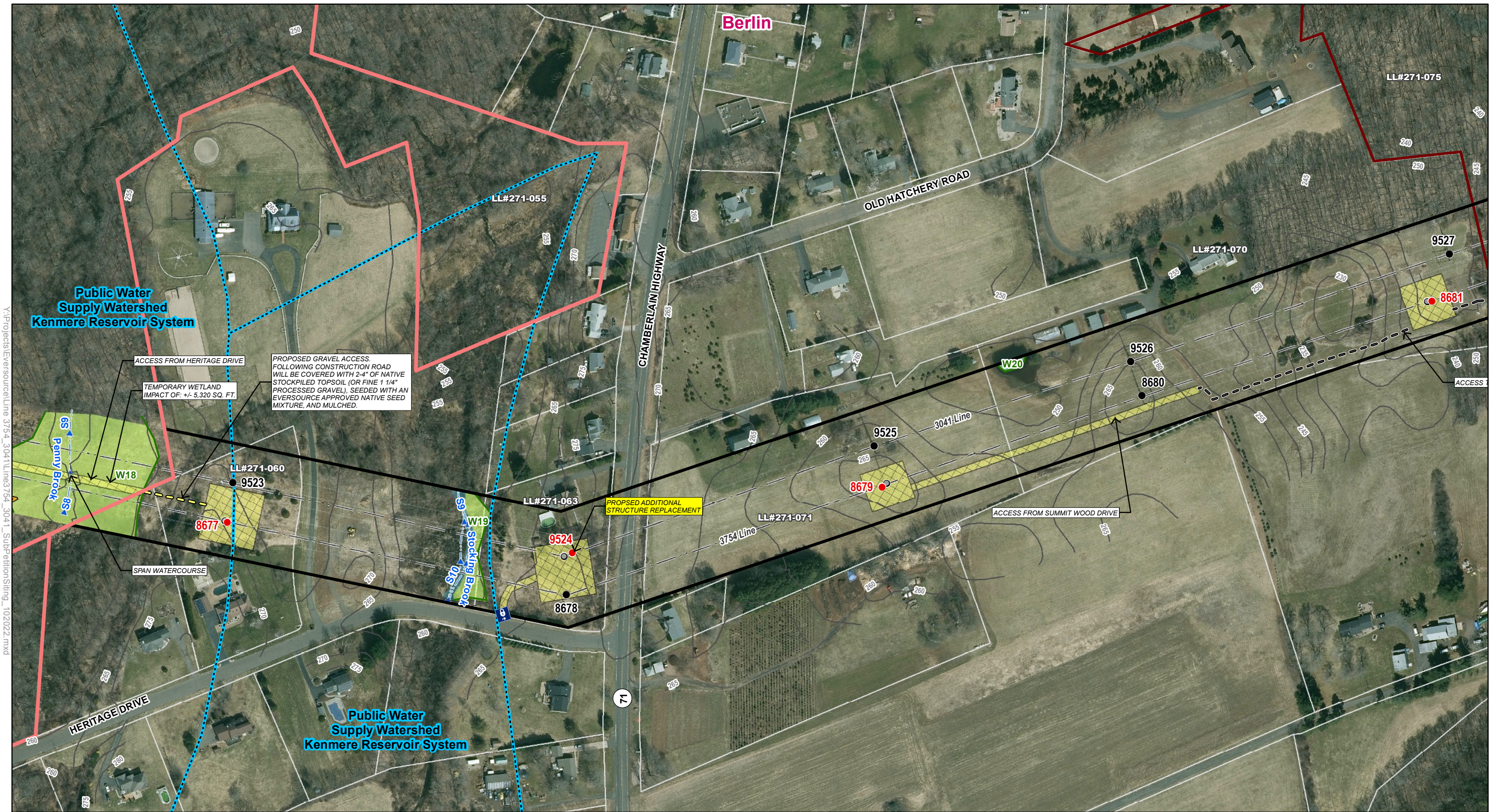
AECOM



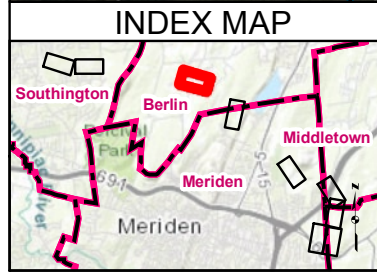
Y:\Projects\Eversource\Line 3754_3041\Lines754_3041_Subpetition\Siting_102022.mxd

3754/3041 Lines Structure Replacement Project
Map Sheet 05 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-055	YANKEE GAS SERVICES COMPANY (EVERSOURCE) & CITY OF MERIDEN	ORCHARD RD	BERLIN	CT
271-060	INTURRI JOSEPH JR	84 HERITAGE DR	BERLIN	CT
271-063	MORRIS JEFFREY S & LISA D	2014 CHAMBERLAIN HWY	BERLIN	CT
271-070	ROCHE JAMES C & ROCHE DORIS B (LU)	86 OLD HATCHERY RD	BERLIN	CT
271-071	ROCHE DAVID D & BARBARA D	2009 CHAMBERLAIN HWY	BERLIN	CT
271-075	CONNECTICUT STATE OF	120 OLD HATCHERY RD	BERLIN	CT



Y:\Projects\Eversource\Line 3754_3041\Lines754_3041_Subpetition\Siting_102022.mxd



Legend	
● Existing Structure	Str.Label
○ Existing Structure to be Removed	Str.Label
● Proposed Structure	Str.Label
--- Existing Access	
--- Proposed Access	
--- Hiking Trail	
Existing Gravel	
Temporary Construction Matting	
Stone Work Pad	
Railroad	
Delineated Wetland Boundary Outline	
Delineated Intermittent Watercourse	
Delineated Perennial Watercourse	
100' Vernal Pool Envelope	
Field Delineated Wetland	
Open Water	
Confirmed Vernal Pool Extent	
Rare Species (June 2022)	
State-Owned Property	
Public Watershed Protection Area	
Overhead Eversource Line	
Eversource Gas Pipeline (Approx.)	
Existing Right-of-Way	
Eversource Owned Property	
Parcel Boundary	
Municipal Boundary	
5' Contour Line	
Culvert	
Map Sheet Matchlines	
Gate	
105 LLNs/Property Owner	

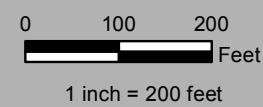
1	10/20/22	12 structures added to project	DM	TO	
NO.	DATE	REVISIONS	BY	CHK	APP

3754/3041 Line Structure Replacement Project

Berlin, CT

Map Sheet 5 of 9

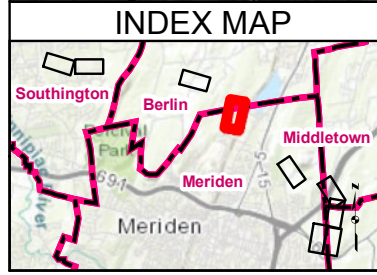
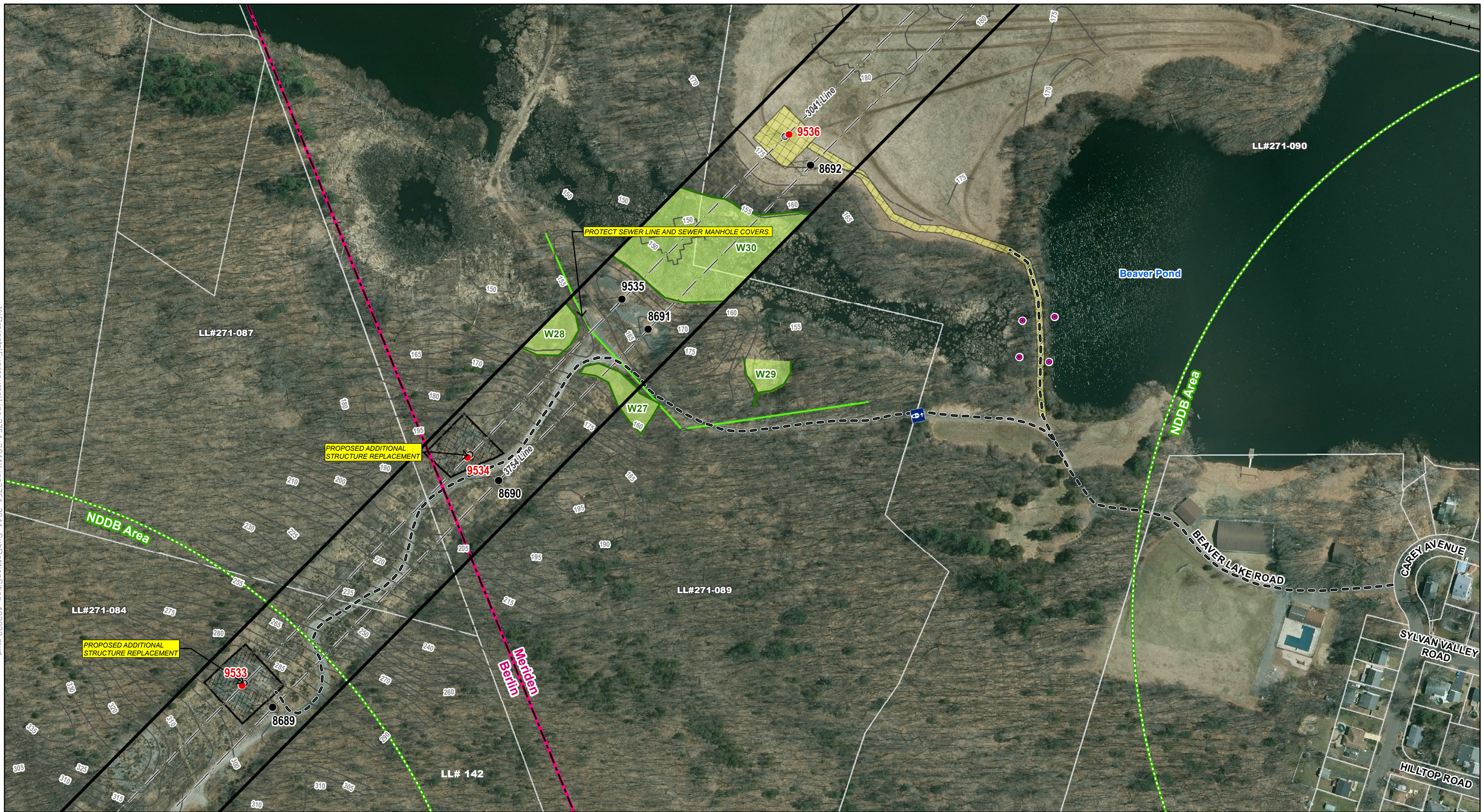
4/20/2021
Revised 10/27/2022



3754/3041 Lines Structure Replacement Project
Map Sheet 06a Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-084	BERLIN, TOWN OF	ORCHARD RD	BERLIN	CT
271-087	MERIDEN CITY OF	0 NORTON LN	BERLIN	CT
271-089	CITY OF MERIDEN	129 EMPIRE AVE	MERIDEN	CT
271-090	CITY OF MERIDEN	1 BEAVER LAKE RD	MERIDEN	CT

Y:\Projects\Eversource\Line 3754_3041\Lines754_3041_SubPetition\Simg_102022.mxd



Legend	
● Existing Structure StrLabel	Temporary Construction Matting
○ Existing Structure to be Removed StrLabel	Field Delineated Wetland
● Proposed Structure StrLabel	Open Water
--- Existing Access	Confirmed Vernal Pool Extent
--- Proposed Access	Rare Species (June 2022)
--- Hiking Trail	State-Owned Property
Existing Gravel	Overhead Eversource Line
	Existing Right-of-Way
	Gate
	105 LLNs/Property Owner
	Parcel Boundary
	Municipal Boundary
	5' Contour Line
	x_sewer
	Culvert
	Map Sheet Matchlines

1	10/20/22	12 structures added to project	DM	TO		
NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY

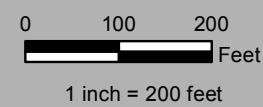
3754/3041 Line Structure Replacement Project

Berlin and Meriden, CT

Map Sheet 6a of 9

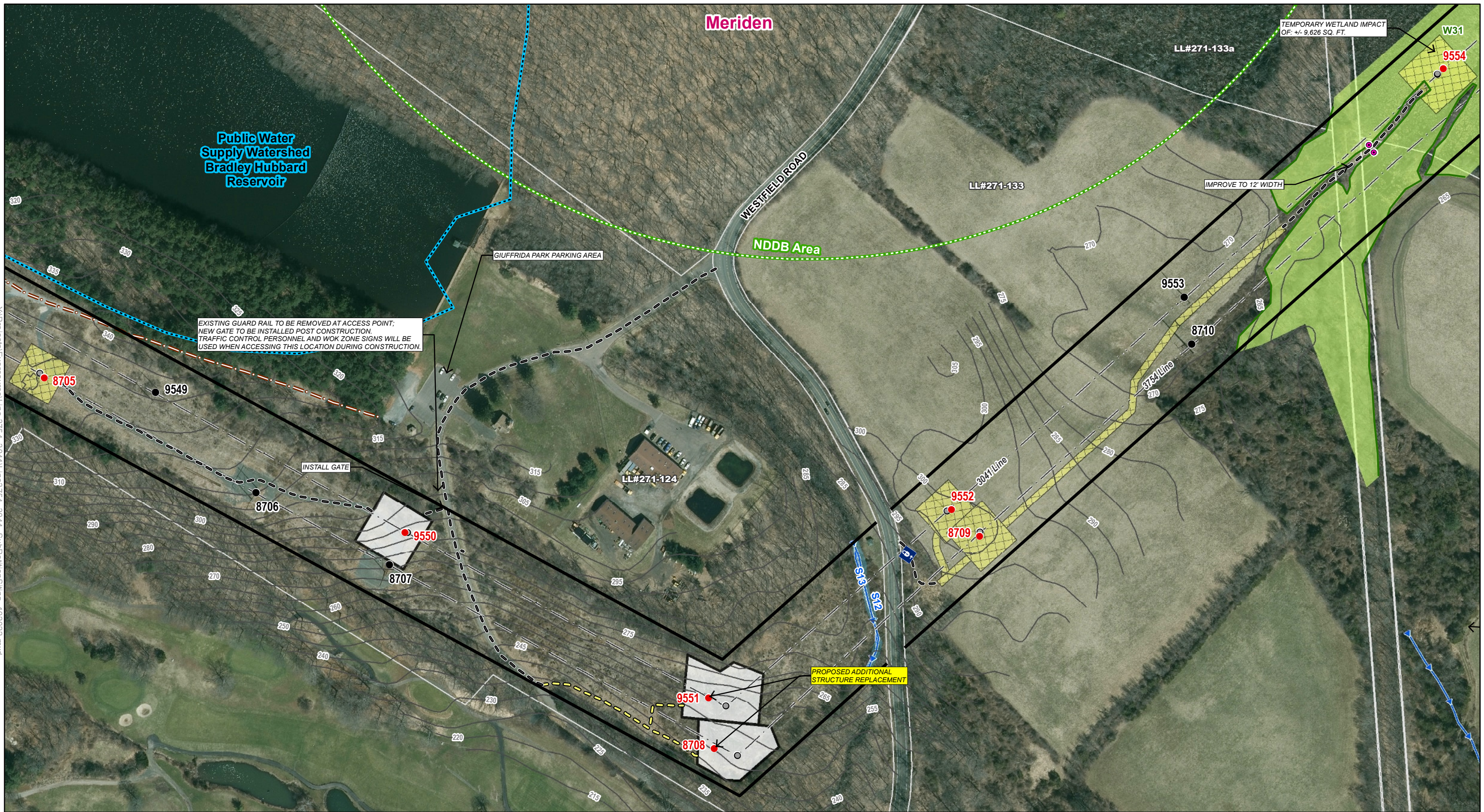
4/20/2021
Revised 10/27/2022

AECOM

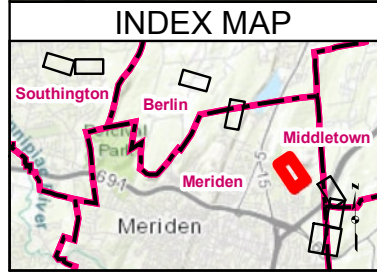


3754/3041 Lines Structure Replacement Project
Map Sheet 08 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-124	CITY OF MERIDEN GUIFFRIDA PARK	800 WESTFIELD RD	MERIDEN	CT
271-133a	FRANCIS A PERZANOWSKI & JOSEPH E PERZANOWSKI, JR *	815 WESTFIELD RD	MERIDEN	CT
271-133	FRANCIS A PERZANOWSKI & JOSEPH E PERZANOWSKI, JR *	703 WESTFIELD RD	MERIDEN	CT



Y:\Projects\Eversource\Line 3754_3041\Lines3754_3041_SubPetition\Siting_102022.mxd



Legend		Legend		Legend	
● Existing Structure	Str.Label	Temporary Construction Matting	Field Delineated Wetland	Existing Right-of-Way	Gate
○ Existing Structure to be Removed	Str.Label	Stone Work Pad	Open Water	Eversource Owned Property	105 LLNs/Property Owner
● Proposed Structure	Str.Label	Railroad	Confirmed Vernal Pool Extent	Parcel Boundary	
- - - Existing Access		Delineated Wetland Boundary Outline	Rare Species (June 2022)	Municipal Boundary	
- - - Proposed Access		Delineated Intermittent Watercourse	State-Owned Property	5' Contour Line	
○ Hiking Trail		Delineated Perennial Watercourse	Public Watershed Protection Area	Culvert	
Existing Gravel		100' Vernal Pool Envelope	Overhead Eversource Line	Map Sheet Matchlines	

1	10/20/22	12 structures added to project	DM	TO		
NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY

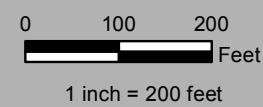
3754/3041 Line Structure Replacement Project

Meriden, CT

Map Sheet 8 of 9

4/20/2021
Revised 10/27/2022

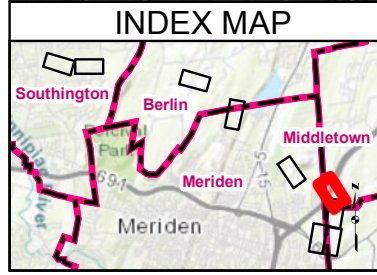
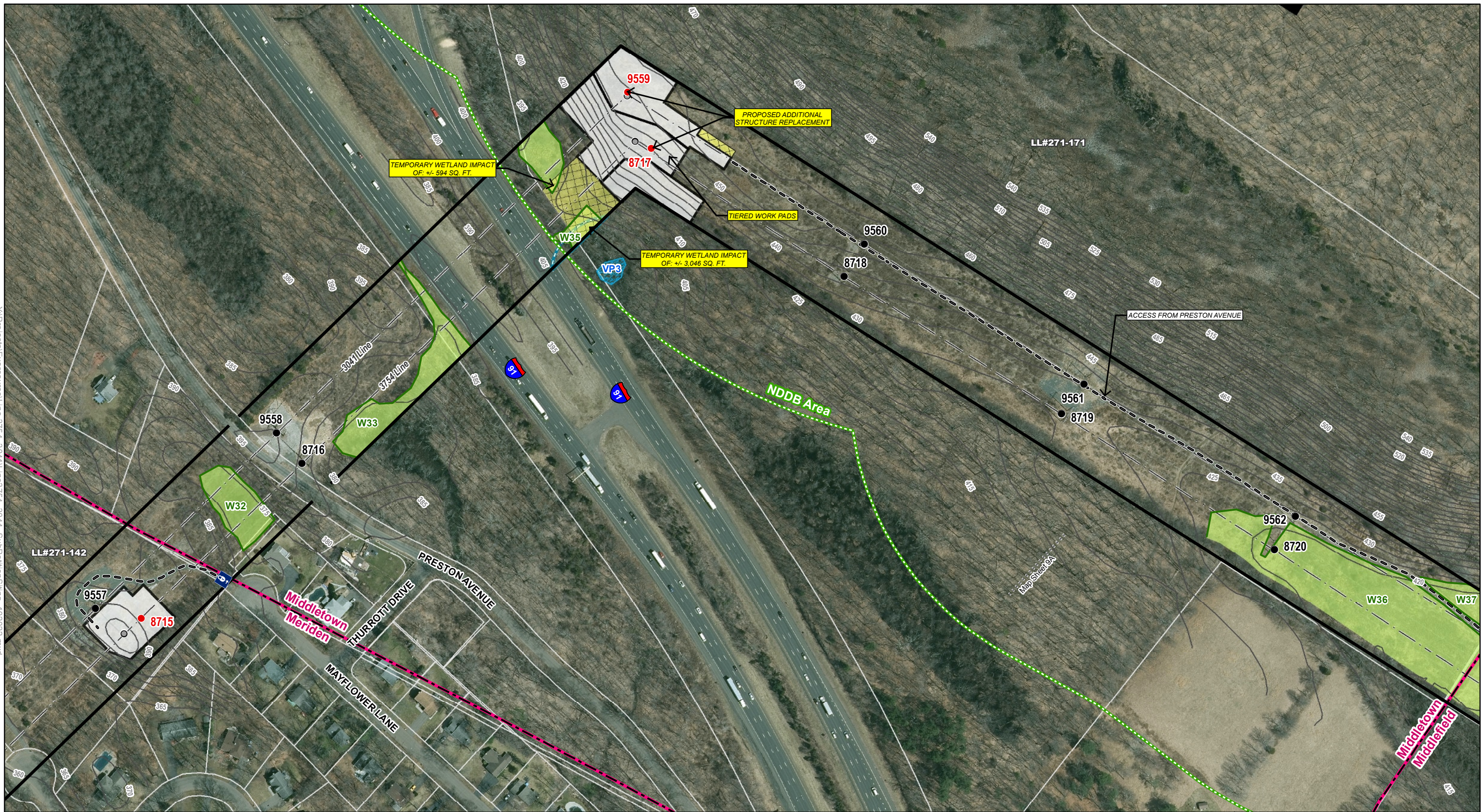
AECOM



3754/3041 Lines Structure Replacement Project
Map Sheet 09 Abutters List

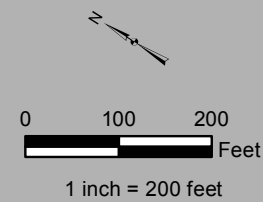
Line List Number	Owner Name	Parcel Address	Town	State
271-142	YORK HILL TRAP ROCK QUARRY COMPANY INCORPORATED	208 MAYFLOWER LA	MERIDEN	CT
271-171	NATURE CONSERVANCY INCORPORATED	PRESTON AVENUE	MIDDLETOWN	CT
271-271	BERLIN LAND TRUST INC	STANTACK RD	MIDDLETOWN	CT

Y:\Projects\Eversource\Line 3754_3041\Lines754_3041_Subpetition\Siting_102022.mxd



Legend		Legend		Legend		Legend	
● Existing Structure	Str.Label	Temporary Construction Matting	Field Delineated Wetland	Eversource Owned Property	105 LLNs/Property Owner		
○ Existing Structure to be Removed	Str.Label	Stone Work Pad	Open Water	Parcel Boundary			
● Proposed Structure	Str.Label	Railroad	Confirmed Vernal Pool Extent	Municipal Boundary			
- - - Existing Access		Delineated Wetland Boundary Outline	Rare Species (June 2022)	5' Contour Line			
- - - Proposed Access		Delineated Intermittent Watercourse	State-Owned Property	Culvert			
○ Hiking Trail		Delineated Perennial Watercourse	Overhead Eversource Line	Map Sheet Matchlines			
Existing Gravel		100' Vernal Pool Envelope	Existing Right-of-Way	Gate			

1	10/20/22	12 structures added to project	DM	TO		
NO.	DATE	REVISIONS	BY	CHK	APP	APP



EVERSOURCE ENERGY

3754/3041 Line Structure Replacement Project

Meriden, Middletown and Middlefield, CT

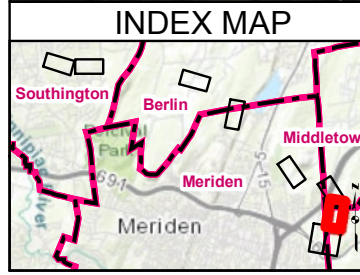
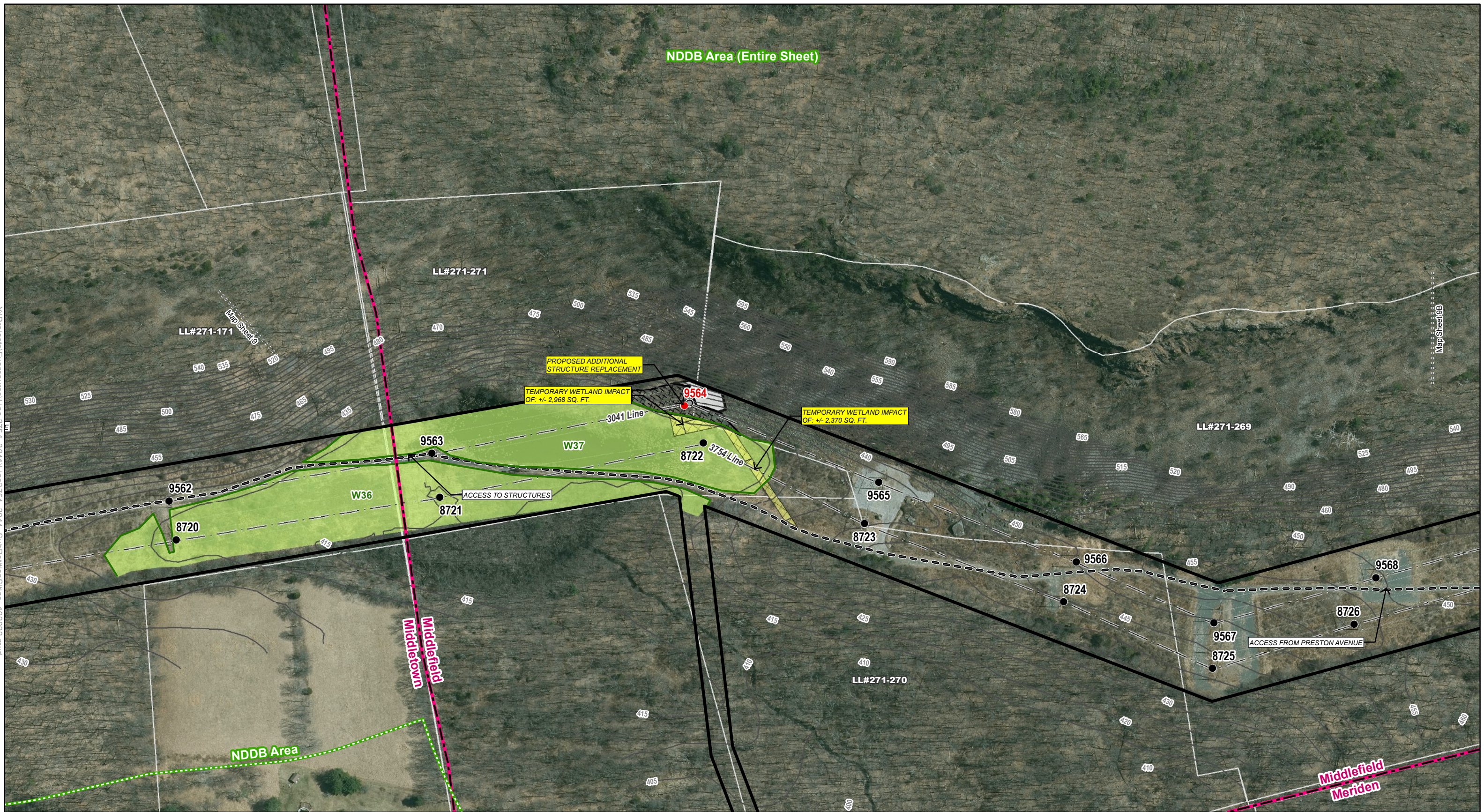
Map Sheet 9 of 9

4/20/2021
Revised 10/27/2022

3754/3041 Lines Structure Replacement Project
Map Sheet 09a Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-171	NATURE CONSERVANCY INCORPORATED	PRESTON AVENUE	MIDDLETOWN	CT
271-269	YORK HILL TRAP ROCK QUARRY CO	205 PRESTON AVE	MIDDLETOWN	CT
271-270	LAWRENCE H BUCK; LAWRENCE BUCK TRUSTEE	STANTACK RD	MIDDLETOWN	CT
271-271	BERLIN LAND TRUST INC	STANTACK RD	MIDDLETOWN	CT

NDDB Area (Entire Sheet)



Legend	
● Existing Structure Str.Label	Temporary Construction Matting
○ Existing Structure to be Removed Str.Label	Field Delineated Wetland
● Proposed Structure Str.Label	Open Water
--- Existing Access	Confirmed Vernal Pool Extent
--- Proposed Access	Rare Species (June 2022)
--- Hiking Trail	State-Owned Property
Existing Gravel	Overhead Eversource Line
	Existing Right-of-Way
	Stone Work Pad
	Railroad
	Delineated Wetland Boundary Outline
	Delineated Intermittent Watercourse
	Delineated Perennial Watercourse
	100' Vernal Pool Envelope
	Eversource Owned Property
	Parcel Boundary
	Municipal Boundary
	5' Contour Line
	Culvert
	Gate
	LLNs/Property Owner
	Map Sheet Matchlines

1	10/20/22	12 structures added to project	DM	TO	
NO.	DATE	REVISIONS	BY	CHK	APP

EVERSOURCE ENERGY

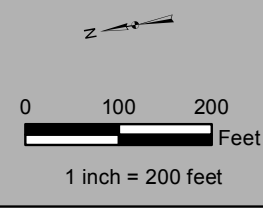
3754/3041 Line Structure Replacement Project

Meriden, Middlefield and Middletown, CT

Map Sheet 9a of 9

4/20/2021
Revised 10/27/2022

AECOM

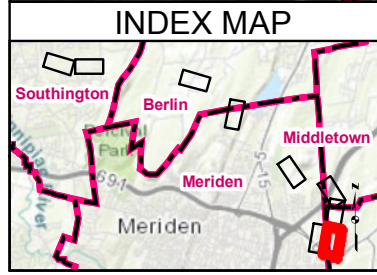
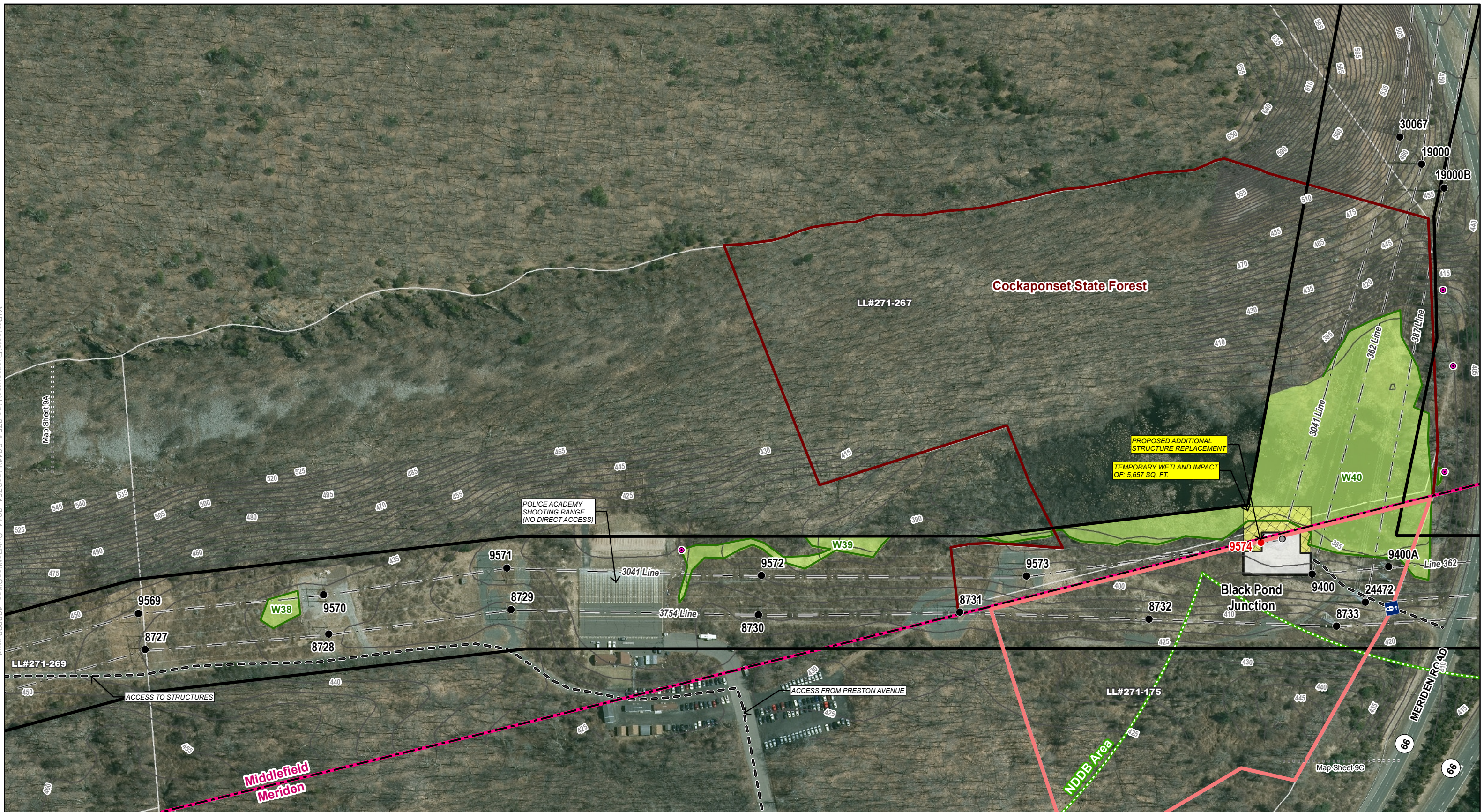


Y:\Projects\Eversource\Line 3754_3041\Lines\754_3041_Subpetition\Sting_102022.mxd

3754/3041 Lines Structure Replacement Project
Map Sheet 09b Abutters List

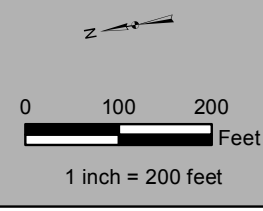
Line List Number	Owner Name	Parcel Address	Town	State
271-175	THE CONNECTICUT LIGHT AND POWER COMPANY	93 PARKER RD	MERIDEN	CT
271-267	CT STATE OF	185 PRESTON AVE	MIDDLETOWN	CT
271-269	YORK HILL TRAP ROCK QUARRY CO	205 PRESTON AVE	MIDDLETOWN	CT

Y:\Projects\Eversource\Line 3754_3041\Lines754_3041_Subpetition\Siting_102022.mxd



Legend	
● Existing Structure Str.Label	Temporary Construction Matting
○ Existing Structure to be Removed Str.Label	Field Delineated Wetland
● Proposed Structure Str.Label	Open Water
--- Existing Access	Confirmed Vernal Pool Extent
--- Proposed Access	Rare Species (June 2022)
--- Hiking Trail	State-Owned Property
Existing Gravel	Overhead Eversource Line
	Existing Right-of-Way
	100' Vernal Pool Envelope
	Stone Work Pad
	Railroad
	Delineated Wetland Boundary Outline
	Delineated Intermittent Watercourse
	Delineated Perennial Watercourse
	Parcel Boundary
	Municipal Boundary
	5' Contour Line
	Culvert
	Map Sheet Matchlines
	Gate
	Eversource Owned Property
	LLNs/Property Owner

1	10/11/22	12 structures added to project	DM	TO		
NO.	DATE	REVISIONS	BY	CHK	APP	APP



EVERSOURCE ENERGY

3754/3041 Line Structure Replacement Project

Meriden and Middlefield, CT

Map Sheet 9b of 9

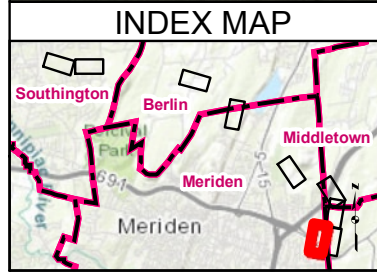
10/27/2022

3754/3041 Lines Structure Replacement Project
Map Sheet 09c Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-175	THE CONNECTICUT LIGHT AND POWER COMPANY	93 PARKER RD	MERIDEN	CT
271-269	YORK HILL TRAP ROCK QUARRY CO	205 PRESTON AVE	MIDDLETOWN	CT



Y:\Projects\Eversource\Line 3754_3041\Lines754_3041_SubPetition\Siting_102022.mxd



Legend	
● Existing Structure Str.Label	Temporary Construction Matting
○ Existing Structure to be Removed Str.Label	Stone Work Pad
● Proposed Structure Str.Label	Railroad
--- Existing Access	Delineated Wetland Boundary Outline
--- Proposed Access	Delineated Intermittent Watercourse
--- Hiking Trail	Delineated Perennial Watercourse
Existing Gravel	100' Vernal Pool Envelope
Field Delineated Wetland	Open Water
Confirmed Vernal Pool Extent	Rare Species (June 2022)
State-Owned Property	Overhead Eversource Line
Eversource Owned Property	Existing Right-of-Way
Parcel Boundary	Municipal Boundary
5' Contour Line	Culvert
Map Sheet Matchlines	Gate

1	10/11/22	12 structures added to project	DM	TO
NO.	DATE	REVISIONS	BY	CHK APP APP

EVERSOURCE ENERGY

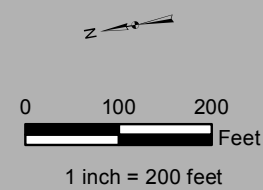
3754/3041 Line Structure Replacement Project

Meriden and Middlefield, CT

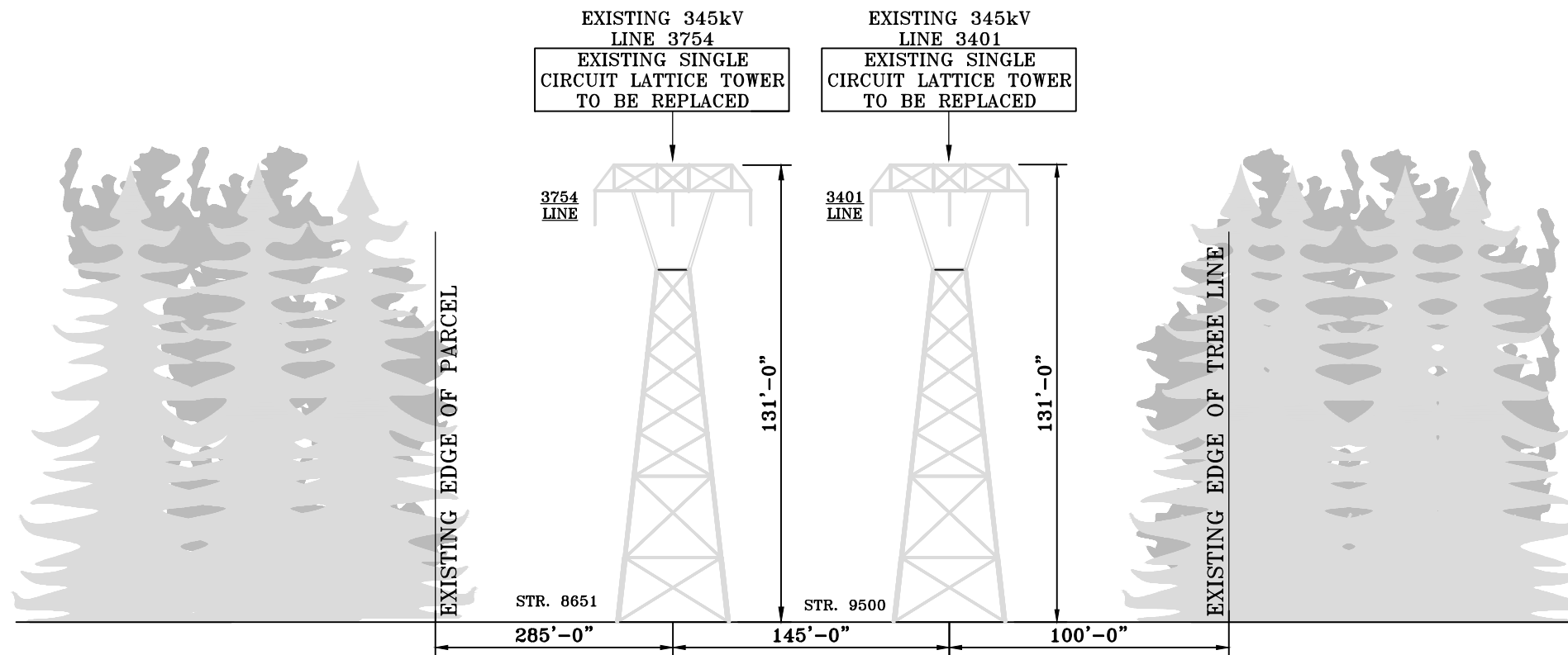
Map Sheet 9c of 9

10/27/2022

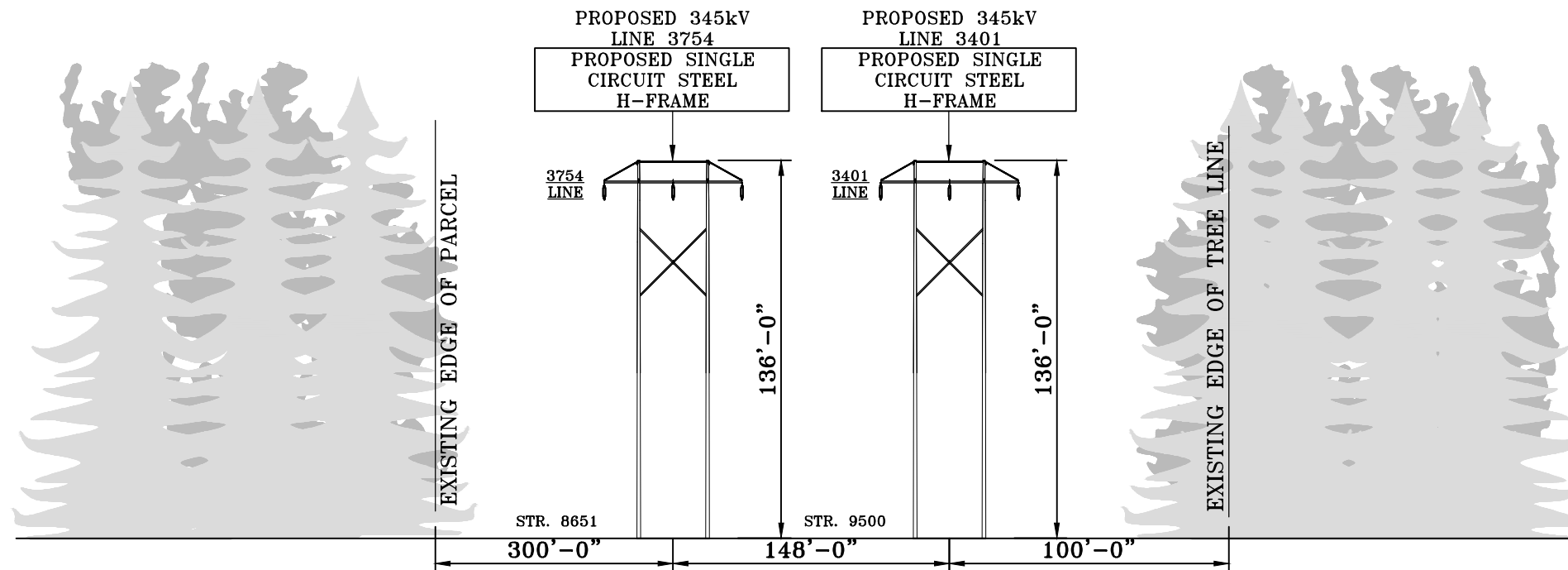
AECOM



ATTACHMENT B
TYPICAL CROSS SECTIONS



EXISTING R.O.W CONFIGURATION
 SINGLE CIRCUIT LATTICE TOWER STRUCTURES
 LOOKING WEST TOWARDS SOUTHINGTON SUBSTATION
 IN THE TOWN OF SOUTHINGTON, CT
 STRS. 8651 & 9500

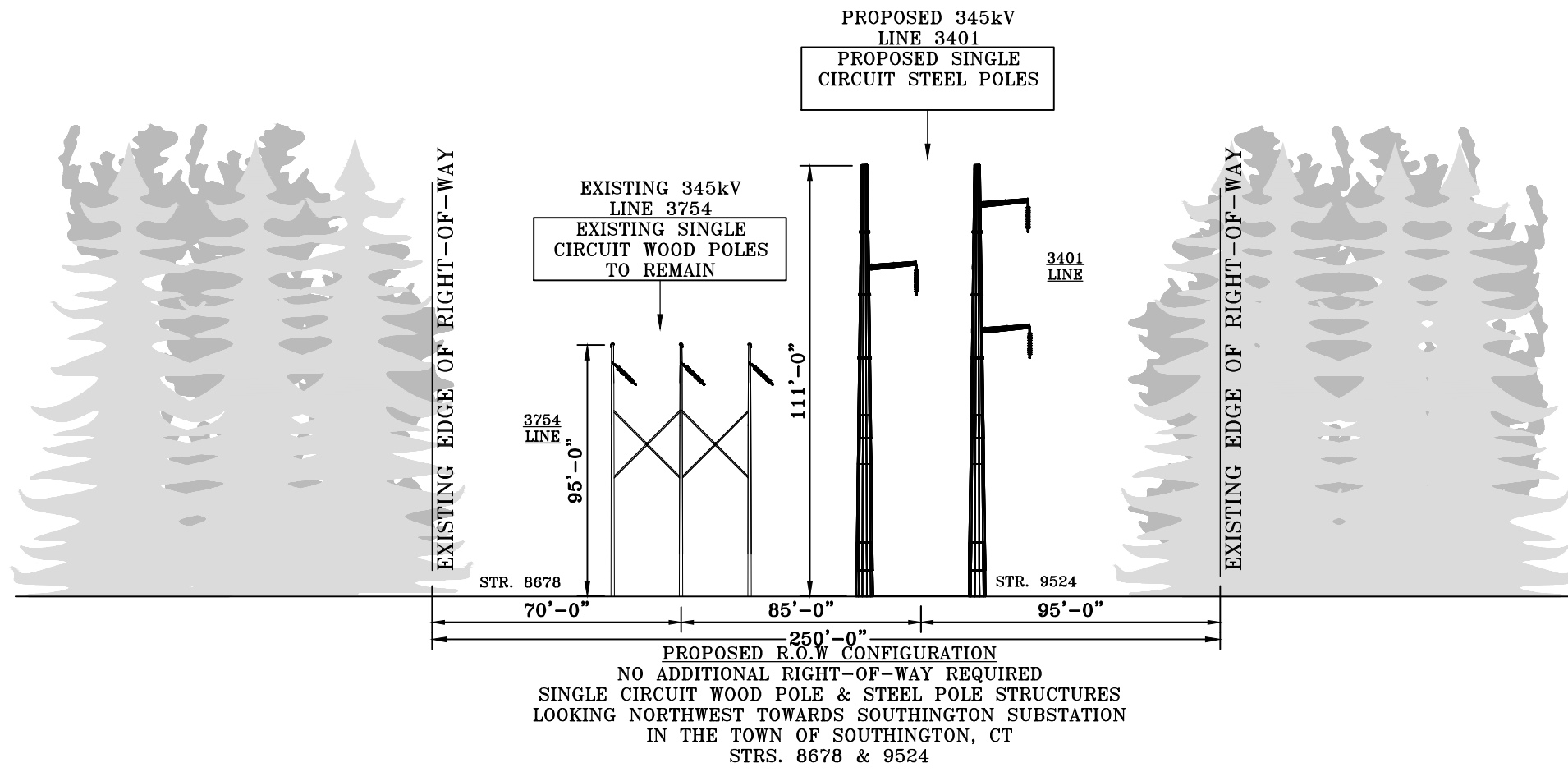
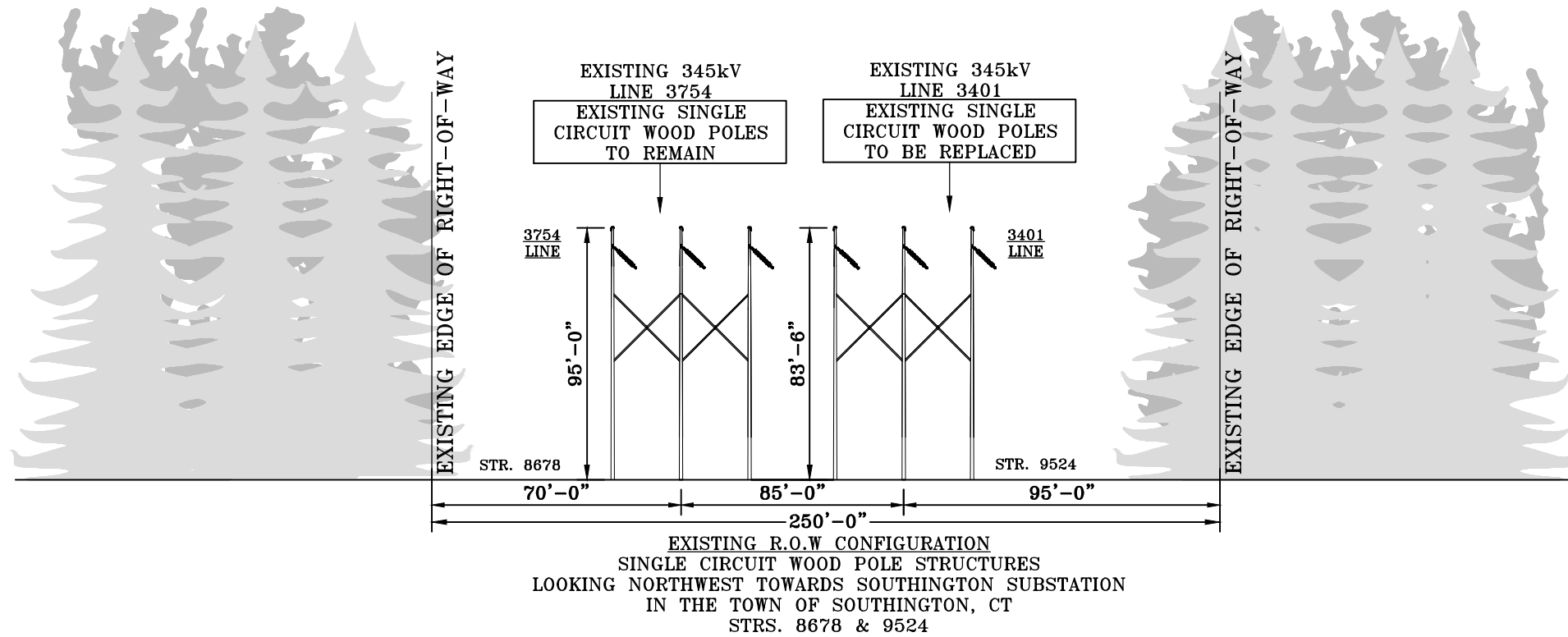


PROPOSED R.O.W CONFIGURATION
 NO ADDITIONAL RIGHT-OF-WAY REQUIRED
 SINGLE CIRCUIT STEEL H-FRAMES
 LOOKING WEST TOWARDS SOUTHINGTON SUBSTATION
 IN THE TOWN OF SOUTHINGTON, CT
 STRS. 8651 & 9500

EVERSOURCE
 ENERGY

TITLE SOUTHINGTON S/S - BLACK POND JCT.
 345kV TRANSMISSION LINE 3041/3754
 RIGHT OF WAY CROSS SECTION
 SOUTHINGTON, CT.

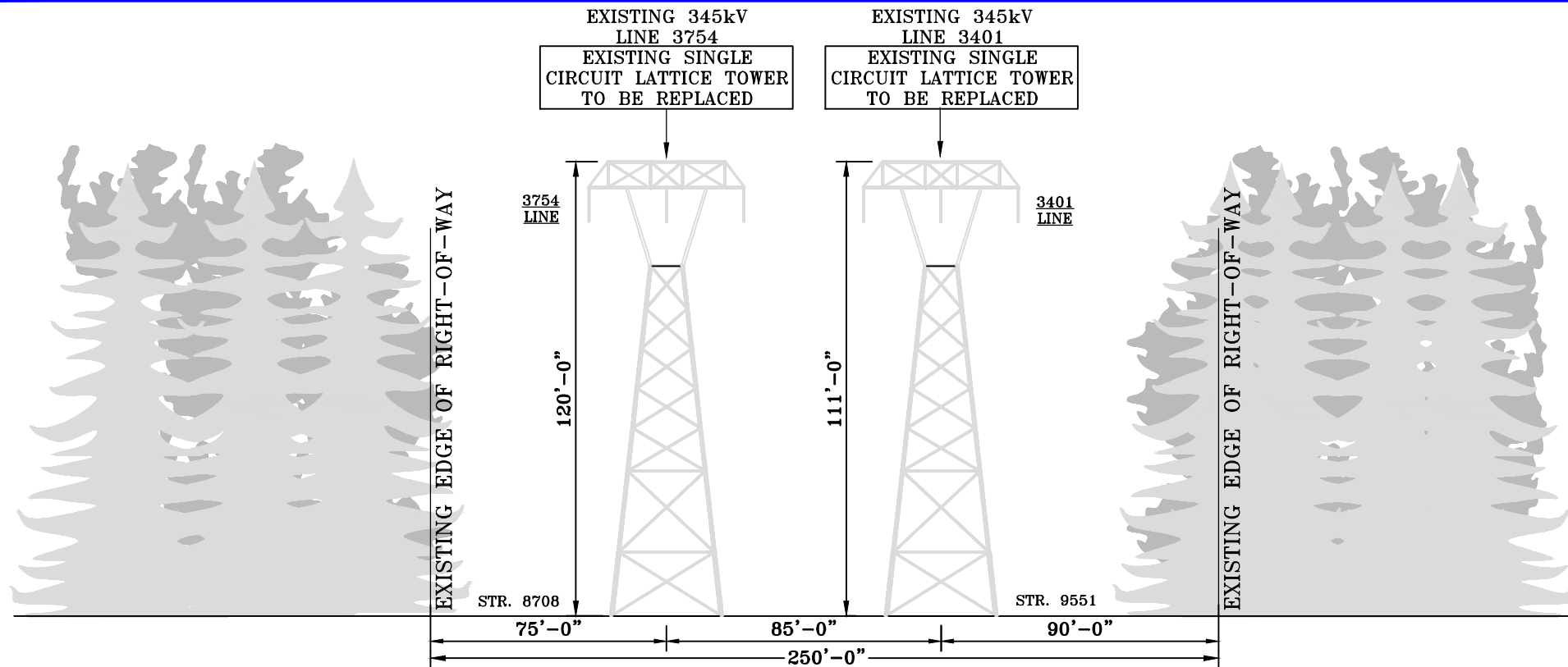
BY	JTL	CHKD	JTL	APP		APP	
DATE	10/4/22	DATE	10/4/22	DATE		DATE	
H-SCALE	N.T.S.	SIZE	B	FIELD BOOK & PAGES			
V-SCALE	N.T.S.	V.S.		R.E. DWG			
R.E. PROJ. NUMBER	314644			DWG NO.	SKETCH CS-1		



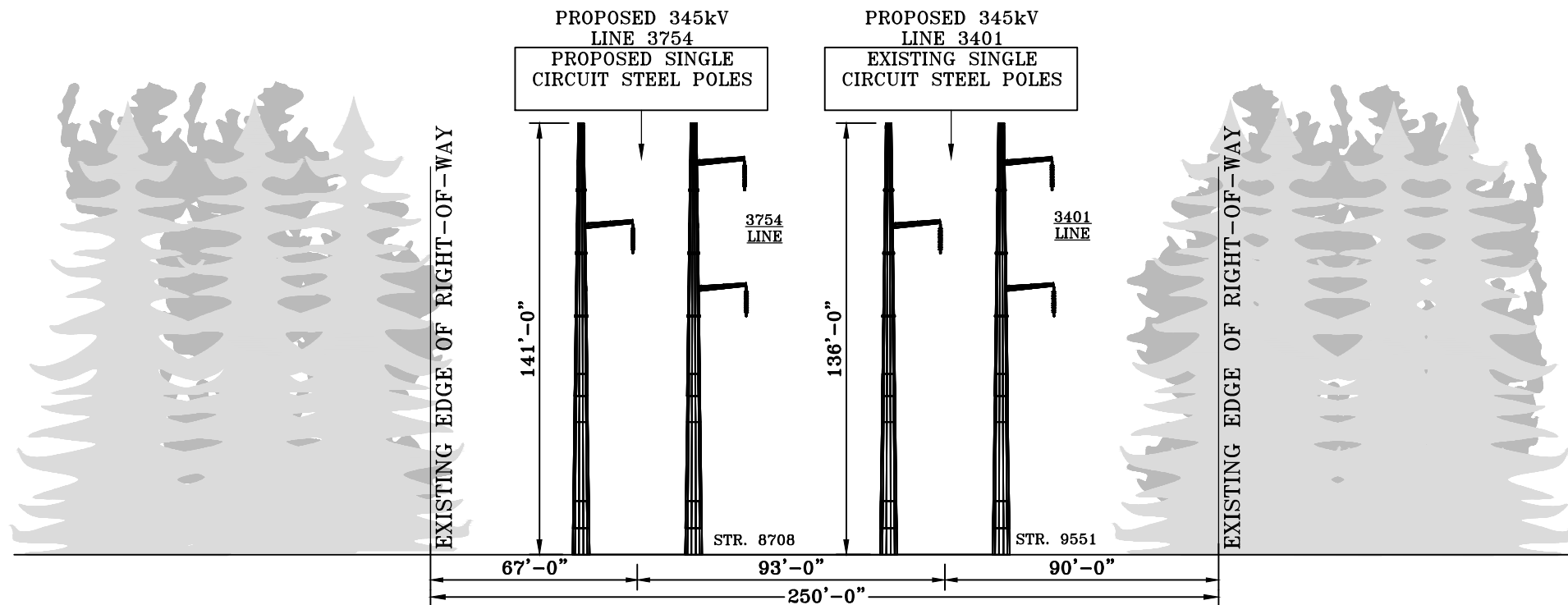
EVERSOURCE ENERGY

TITLE SOUTHINGTON S/S - BLACK POND JCT.
345kV TRANSMISSION LINE 3041
RIGHT OF WAY CROSS SECTION
SOUTHLINGTON, CT.

BY	JTL	CHKD	JTL	APP		APP	
DATE	10/4/22	DATE	10/4/22	DATE		DATE	
H-SCALE	N.T.S.	SIZE	B	FIELD BOOK & PAGES			
V-SCALE	N.T.S.	V.S.		R.E. DWG			
R.E. PROJ. NUMBER	314644			DWG NO.	SKETCH CS-2		



EXISTING R.O.W CONFIGURATION
 SINGLE CIRCUIT LATTICE TOWER STRUCTURES
 LOOKING NORTHWEST TOWARDS SOUTHINGTON SUBSTATION
 IN THE TOWN OF MERIDEN, CT
 STRS. 8708 & 9551

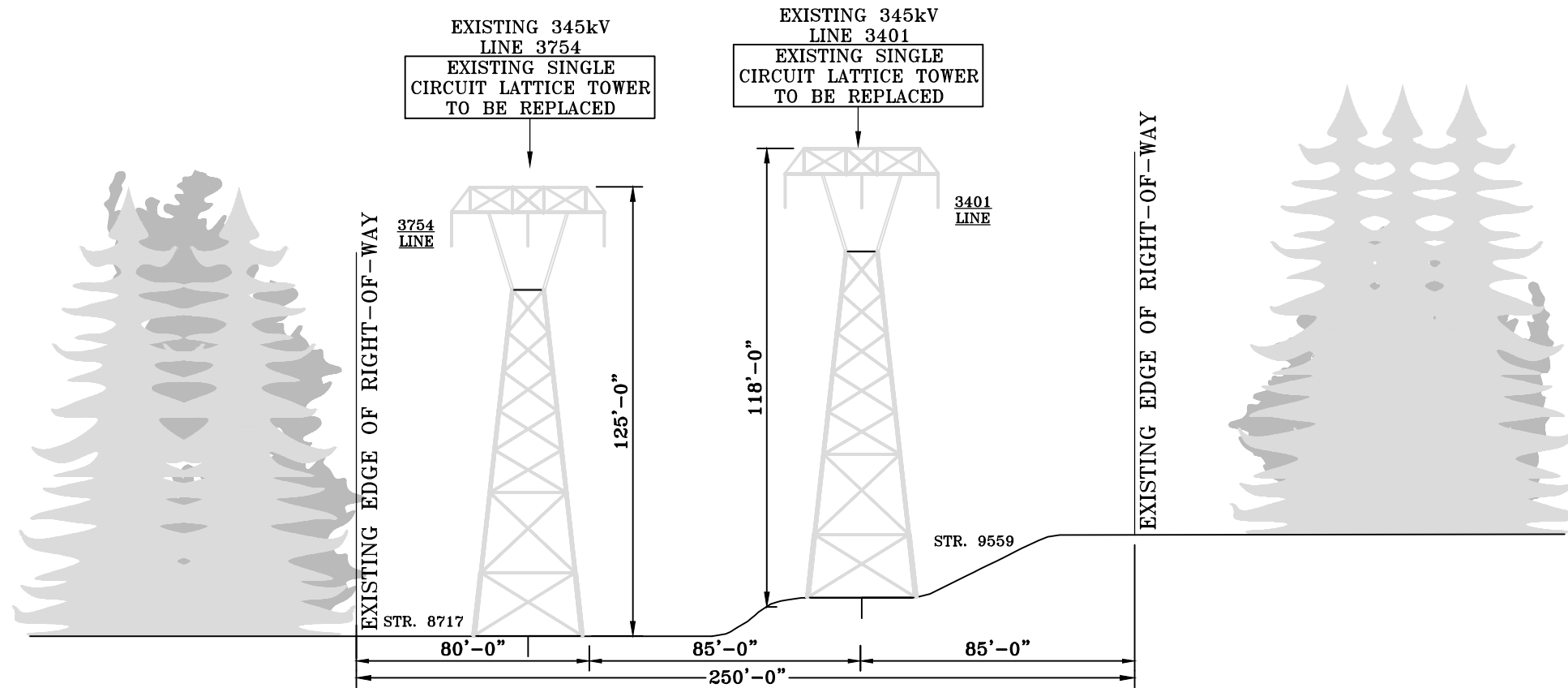


PROPOSED R.O.W CONFIGURATION
 NO ADDITIONAL RIGHT-OF-WAY REQUIRED
 SINGLE CIRCUIT STEEL POLE STRUCTURES
 LOOKING NORTHWEST TOWARDS SOUTHINGTON SUBSTATION
 IN THE TOWN OF MERIDEN, CT
 STRS. 8708 & 9551

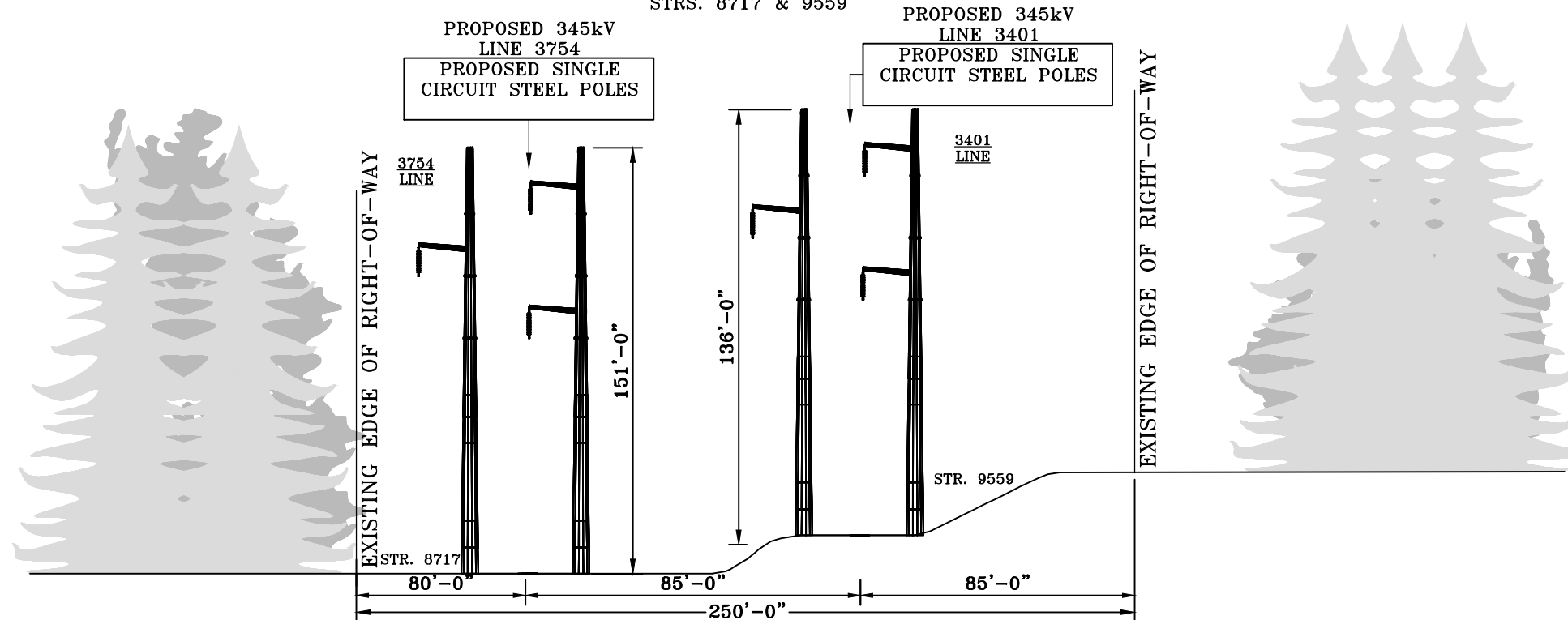
EVERSOURCE ENERGY

TITLE SOUTHINGTON S/S - BLACK POND JCT.
 345kV TSMISSION LIE 3041/3754
 RIGHT OF WAY CROSS SECTION
 MERIDEN, CT.

BY	JTL	CHKD	JTL	APP		APP	
DATE	10/4/22	DATE	10/4/22	DATE		DATE	
H-SCALE	N.T.S.	SIZE	B	FIELD BOOK & PAGES			
V-SCALE	N.T.S.	V.S.		R.E. DWG			
R.E. PROJ. NUMBER	314644			DWG NO.	SKETCH CS-3		



EXISTING R.O.W CONFIGURATION
 SINGLE CIRCUIT LATTICE TOWER STRUCTURES
 LOOKING NORTHWEST TOWARDS SOUTHINGTON SUBSTATION
 IN THE TOWN OF MIDDLETOWN, CT
 STRS. 8717 & 9559

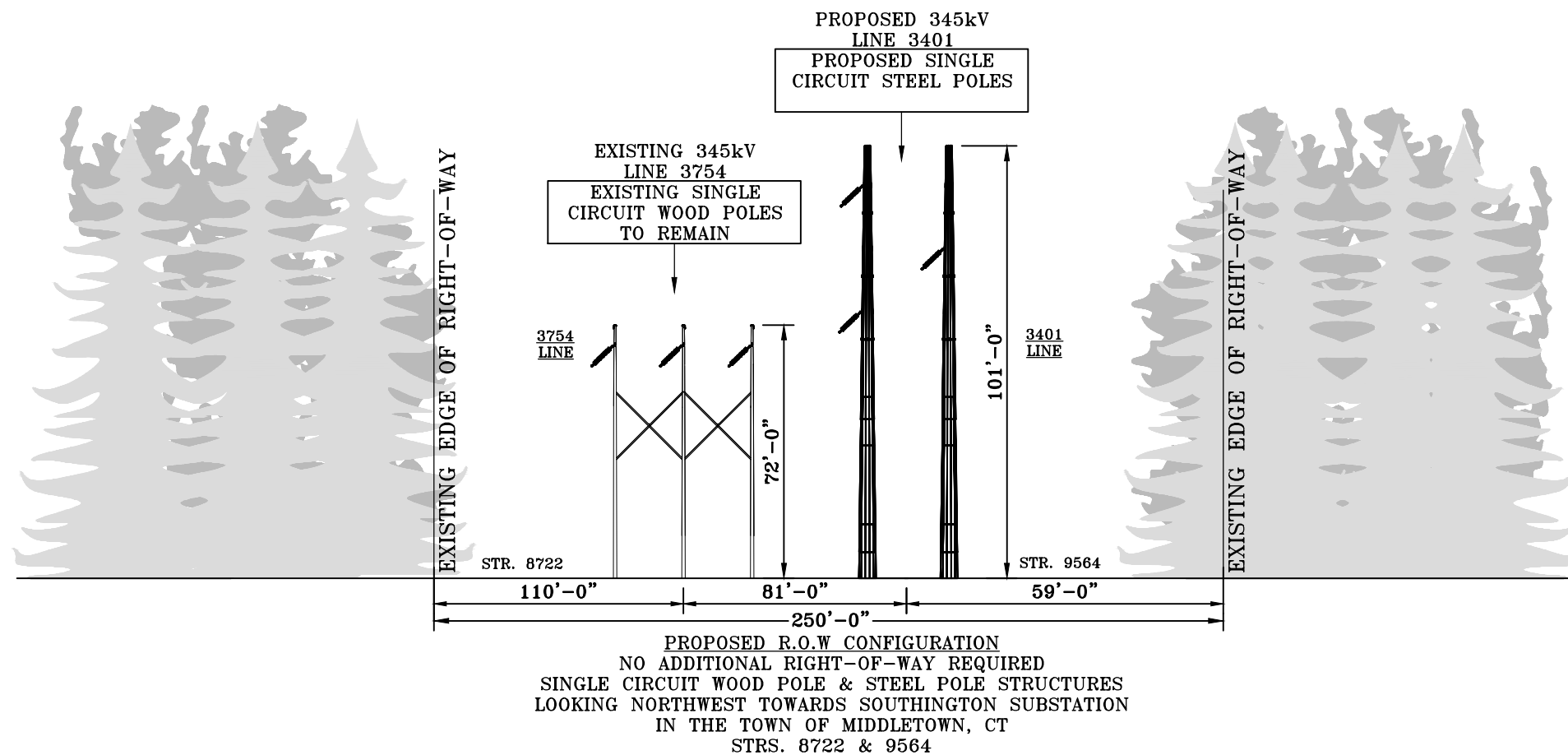
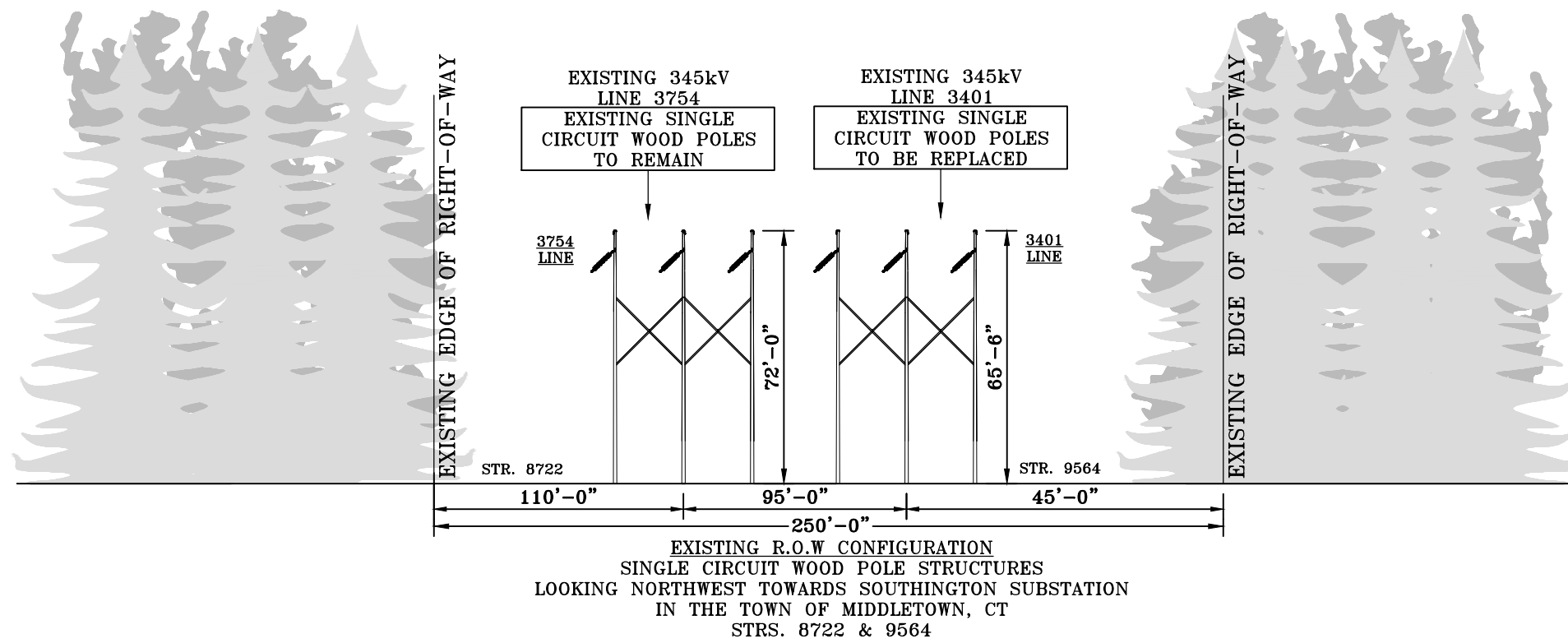


PROPOSED R.O.W CONFIGURATION
 NO ADDITIONAL RIGHT-OF-WAY REQUIRED
 SINGLE CIRCUIT STEEL POLE STRUCTURES
 LOOKING WEST TOWARDS SOUTHINGTON SUBSTATION
 IN THE TOWN OF MIDDLETOWN, CT
 STRS. 8717 & 9559

EVERSOURCE
 ENERGY

TITLE SOUTHINGTON S/S - BLACK POND JCT.
 345kV TRANSMISSION LE 3041/3754
 RIGHT OF WAY CROSS SECTION
 MIDDLETOWN, CT.

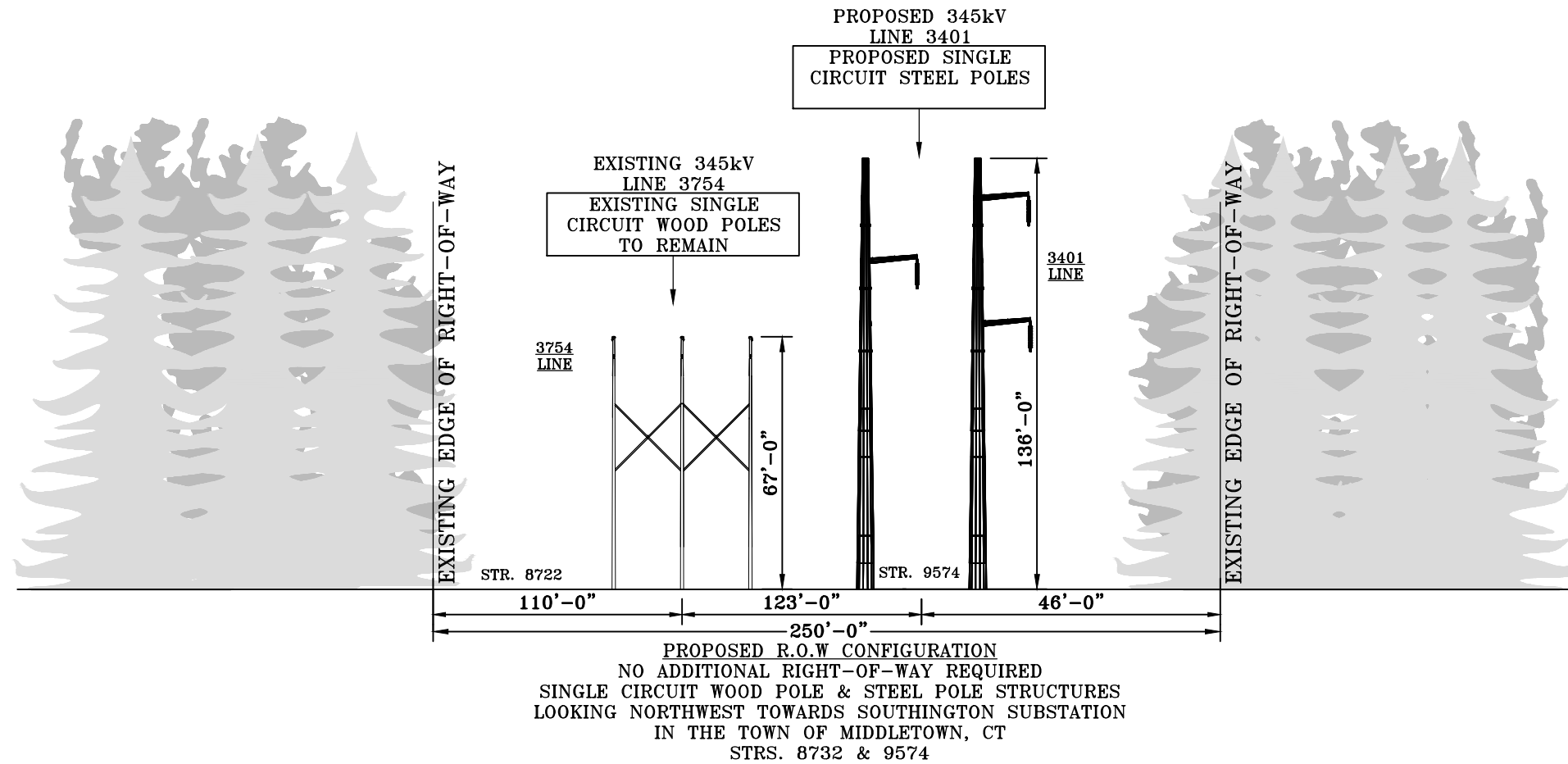
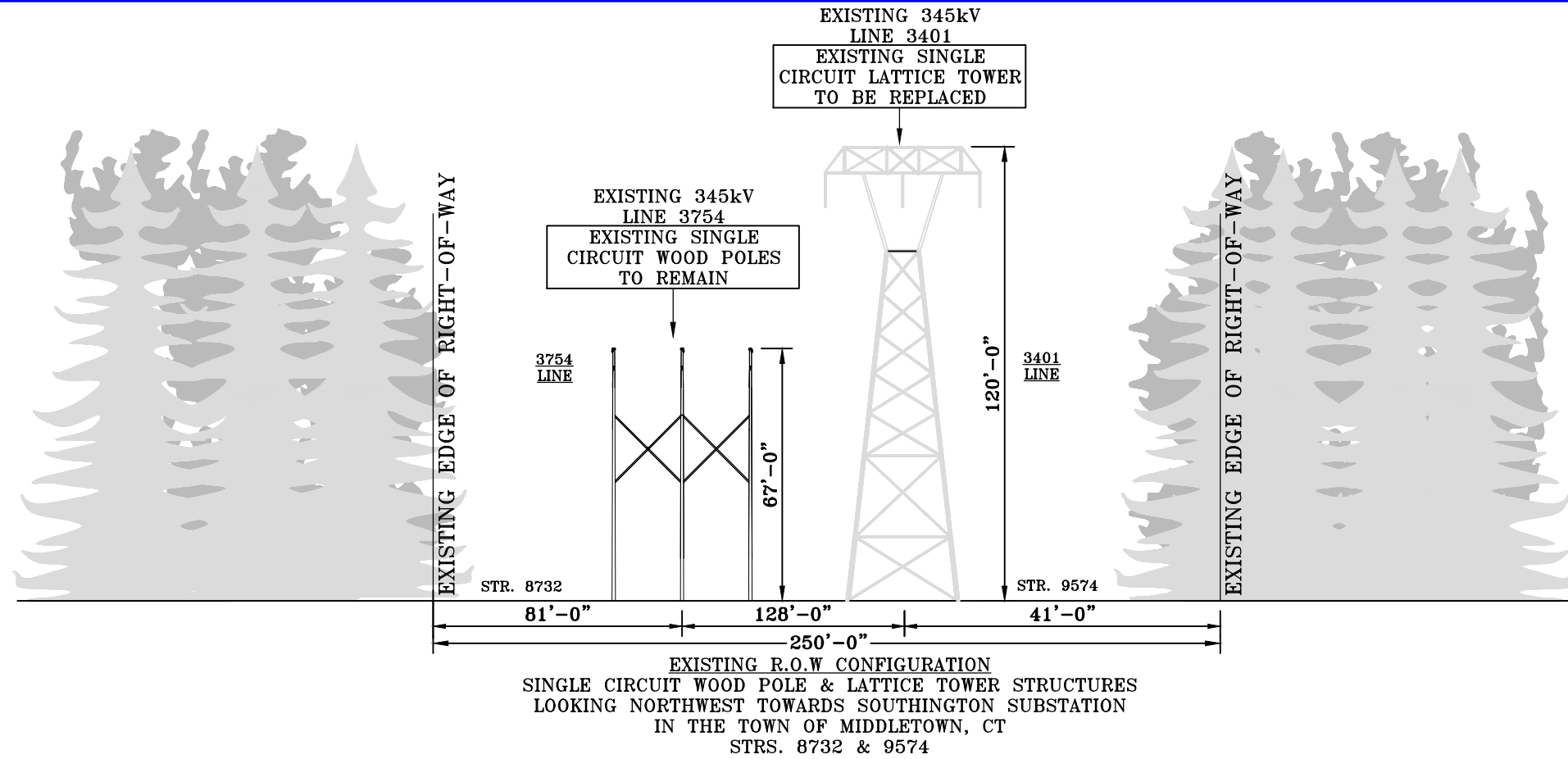
BY	JTL	CHKD	JTL	APP	APP
DATE	10/4/22	DATE	10/4/22	DATE	DATE
H-SCALE	N.T.S.	SIZE	B	FIELD BOOK & PAGES	
V-SCALE	N.T.S.	V.S.		R.E. DWG	
R.E. PROJ. NUMBER	314644			DWG NO.	SKETCH CS-4



EVERSOURCE ENERGY

TITLE SOUTHINGTON S/S - BLACK POND JCT.
345kV TRANSMISSION LINE 3041
RIGHT OF WAY CROSS SECTION
MIDDLETOWN, CT.

BY	JTL	CHKD	JTL	APP		APP	
DATE	10/4/22	DATE	10/4/22	DATE		DATE	
H-SCALE	N.T.S.	SIZE	B	FIELD BOOK & PAGES			
V-SCALE	N.T.S.	V.S.		R.E. DWG			
R.E. PROJ. NUMBER	314644			DWG NO.	SKETCH CS-5		



EVERSOURCE
ENERGY

TITLE SOUTHINGTON S/S - BLACK POND JCT.
345kV TRANSMISSION LINE 3041
RIGHT OF WAY CROSS SECTION
MIDDLETOWN, CT.

BY	JTL	CHKD	JTL	APP		APP	
DATE	10/4/22	DATE	10/4/22	DATE		DATE	
H-SCALE	N.T.S.	SIZE	B	FIELD BOOK & PAGES			
V-SCALE	N.T.S.	V.S.		R.E. DWG			
R.E. PROJ. NUMBER	314644			DWG NO.		SKETCH CS-6	