



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

December 22, 2023

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

RE: **PETITION NO. 1574** - The Connecticut Light and Power Company d/b/a Eversource Energy Declaratory Ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the Southington Substation to Cook Hill Junction Rebuild Project consisting of the replacement and reconductoring of electric transmission line structures along approximately 11.2 miles of its existing electric transmission line right-of-way shared by its existing 115-kilovolt (kV) 1690, 1208, 1355 and 1610 Lines between Southington Substation in Southington and Cook Hill Junction in Wallingford including the installation of approximately 650 feet of the 1690 Line underground at Lucchini Junction in Meriden, traversing the municipalities of Southington, Cheshire, Wallingford, and Meriden, Connecticut, and related electric transmission line and substation improvements.
Request for Project Changes.

Dear Deborah Denfeld:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated December 20, 2023 regarding project changes for the above-referenced declaratory ruling issued by the Council on August 18, 2023, as follows:

- a) Expand work pad matting (located north of Structure 763) to the west across an intermittent watercourse;
- b) Install a 50-foot by 50-foot matted work pad around existing Structure 408;
- c) Install a 50-foot by 50-foot matted pull pad under the 1690 Line between Structures 783 and 784 and install 16-foot wide matting from Structure 784 to the pull pad;
- d) Remove existing wood Structure 2514.5 that was not previously identified and install an approximately 50-foot by 50-foot matted work pad around Structure 2514.5;
- e) Install an approximately 60-foot temporary steel structure (Structure 785.1) for approximately five months;
- f) Modify the all-dielectric self-supporting (ADSS) fiber optic cable configuration from overhead to underground (in a conduit) between Structures 4077-L to 2515-R, for approximately 230 feet;
- g) Remove existing Structure 2514; and

- h) Install a 50-foot by 50-foot matted pull pad under the 1355/1690 Lines, east of Wetland 22; and
- i) Install a 50-foot by 50-foot matted pull pad under the 1610 Line, to the southwest of Wetland 74.

Pursuant to Condition No. 1 of the Council's August 18, 2023 Declaratory Ruling, the specified requests for project changes are hereby approved. This approval applies only to the project changes in the correspondence dated December 20, 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

MB/MP

cc: Kathleen Shanley, Eversource Energy (Kathleen.shanley@eversource.com)



56 Prospect Street
P.O. Box 270
Hartford, CT 06141-0270

Deborah Denfeld
Team Lead – Transmission Siting
Tel: (860)-728-4654

December 20, 2023

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

Re: PETITION NO. 1574 - The Connecticut Light and Power Company d/b/a Eversource Energy petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed Southington Substation to Cook Hill Junction Rebuild Project consisting of the replacement and reconductoring of electric transmission line structures along approximately 11.2 miles of its existing electric transmission line right-of-way shared by its existing 115-kilovolt 1690, 1208, 1355 and 1610 Lines between Southington Substation in Southington and Cook Hill Junction in Wallingford including the installation of approximately 650 feet of the 1690 Line underground at Lucchini Junction in Meriden, traversing the municipalities of Southington, Cheshire, Wallingford, and Meriden, Connecticut, and related electric transmission line and substation improvements. **Proposed Project Changes.**

Dear Attorney Bachman:

In accordance with Condition No. 1 of the Connecticut Siting Council's ruling on the above referenced Petition, dated August 18, 2023, Eversource is requesting staff approval for proposed project changes necessary to construct the Project. The Petition describes typical work pads would be approximately 100-feet by 100-feet. Temporary matted work pads shown on Petition mapping of a smaller size pad, may be increased in size up to but not exceeding the approximate size stated. Locations where works pads were not previously noted in the Petition mapping which are now being proposed, or expanded in size with a temporary wetland impact, have been included in the list of proposed changes below. Additionally, other proposed project changes associated with structures and ADDS line are described.

The list of proposed project changes with reference to *Attachment A* (Map Sheets - revised) and supporting reasons for the proposed changes are as follows:

Map Sheet 4:

- Extend Work Pad matting further west and across the delineated intermittent watercourse, just south of Savage Street and north of Structure 763, to accommodate full ROW width access, changing the wetland impact from 4,639 square feet to 6,242 square feet at that location.

Reason: To accommodate equipment placement for proposed wire pull on the 1690 Line

Map Sheet 8:

- Install a matted Work Pad (50-feet by 50-feet) around existing Structure 408

Reason: To accommodate equipment and materials associated with existing Structure 408 removal.

Map Sheet 9: At a location north and south of Structure 784:

- Install a matted Pull Pad (50-feet by 50-feet) under the 1690 Line between structures 783 and 784.
- Install 16-foot wide matting for an access way from Structure 784 to the above mentioned Pull Pad.

Reason: To accommodate equipment placement for proposed wire pull on the 1690 Line

Map Sheet 9: Identification of Structure 2514.5

- Added existing wood pole that carries shield wire, Structure 2514.5, that was previously missing from the Petition mapping.
- Install a matted Work Pad (50-feet by 50-feet) around structure 2514.5.

Reason: To accommodate equipment and materials placement associated with existing Structure 2514.5 removal.

Map Sheet 9: Lucchini Junction Area

- Install a temporary steel structure (Structure 785.1), at a height less than adjacent structures (60 feet), for a duration of approximately five months, after which it will be removed.

Reason: The temporary structure is needed to support the overhead to underground transition of the 1690 Line in the Lucchini Junction area.

- Modify aboveground fiber ADSS to underground fiber ADSS (in a conduit) between Structures 4077-L to 2515-R, approximately 230 feet.

Reason: Limited space available at Lucchini Junction for overhead wire crossings.

- Modify Structure 2514 designation on Petition mapping from “existing structure to remain” instead to “existing structure to be removed”.

Reason: The structure is no longer needed to carry overhead ADSS wire.

Map Sheet 9:

- Install a matted Pull Pad (50-feet by 50-feet) under the 1355/1690 Lines (east of Wetland 22), east of structures 2515-L/R.

Reason: To accommodate equipment placement for proposed wire pulls on the 1355/1690 Line.

Map Sheet 22:

- Install a matted Pull Pad (50-feet by 50-feet) under the 1610 Line, to the southwest of Wetland 74.

Reason: To allow equipment placement for proposed wire pulls on the 1610 Line.

One original and two hard copies of this letter request are being provided to your office later today.

Should you have any questions, please do not hesitate to contact me.

Sincerely,



Deborah Denfeld

Team Lead – Transmission Siting

deborah.denfeld@eversource.com

Attachments:

A – Revised Map Sheets 4, 8, 9, and 22

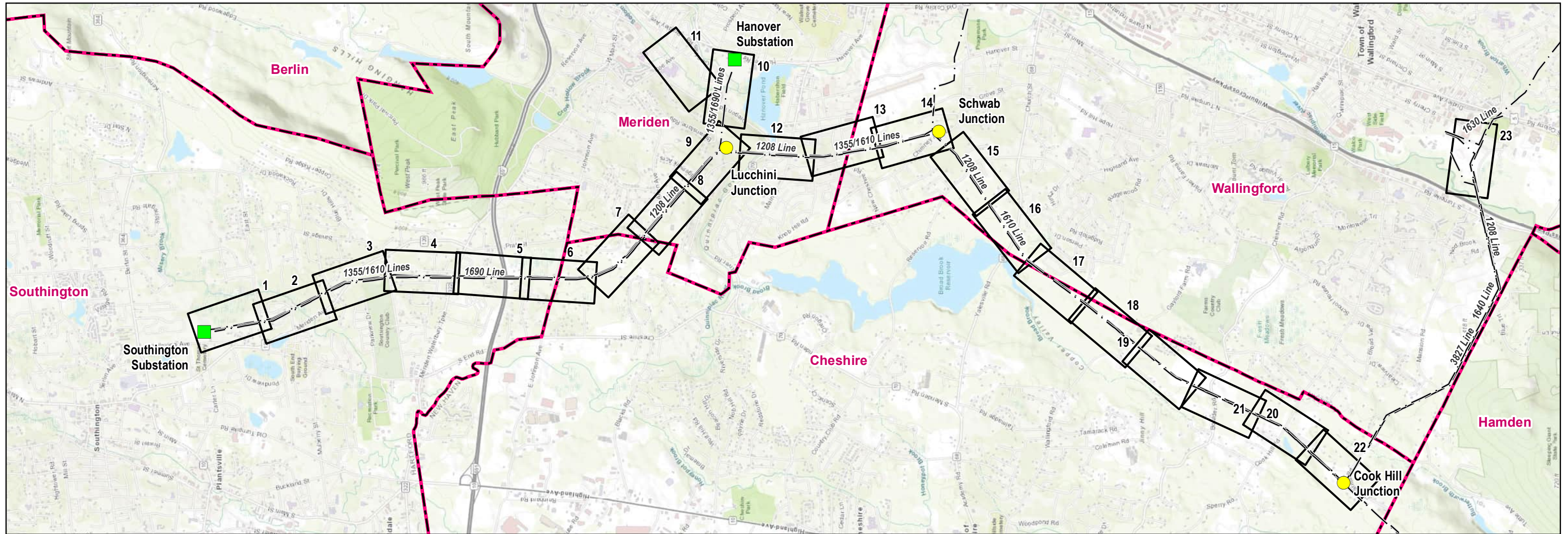
Attachment A

Revised Map Sheets 4, 8, 9, and 22

Southington Substation to Cook Hill Junction Rebuild Project

SOUTHINGTON, CHESHIRE, MERIDEN AND WALLINGFORD, CT
Petition Map Set

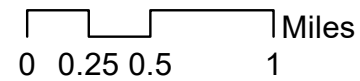
Date: December 15, 2023



Legend

- Junction
- Substation
- Map Sheet
- Municipal Boundary

PREPARED FOR:
EVERSOURCE
ENERGY
107 Selden Street
Berlin, CT 06037



INDEX OF FIGURES
Title Sheet / Index Map
Abutter Tables & Map Sheets 1-23

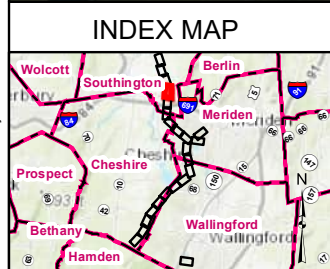
NO.	DATE	REVISIONS
1	12/15/23	Access Road Updates, Select Work Pad Revisions, Lucchini Junction Scope Updates
0	4/14/23	Initial Petition Mapset

PREPARED BY:
AECOM
500 Enterprise Drive
Rocky Hill, CT 06067

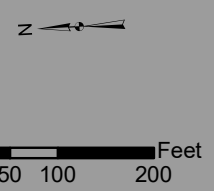
Southington



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● Proposed Structure Str Label	— Delineated Perennial Watercourse	 Rare Species Habitat (June 2023)
● Existing Structure Str Label	- - - Delineated Intermittent Watercourse	 Parcel Boundary
○ Existing Structure to be Removed	— Estimated Waterbody	 Eversource Owned Property
— Existing Access	— Field Delineated Wetland Boundary Outline	 Municipal Boundary
— Proposed Access	 Field Delineated Wetland	 5' Contour Line
— Overhead Eversource Line	 Open Water	● Culvert
 Existing Gravel	 FEMA 100-Year Flood Zone	
 Temporary Construction Matting		



EVERSOURCE ENERGY

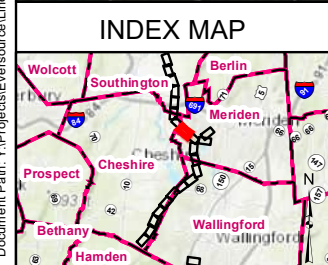
Southington Substation to
Cook Hill Junction Rebuild Project
Southington, Connecticut

Map Sheet 4 of 23

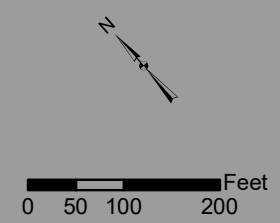
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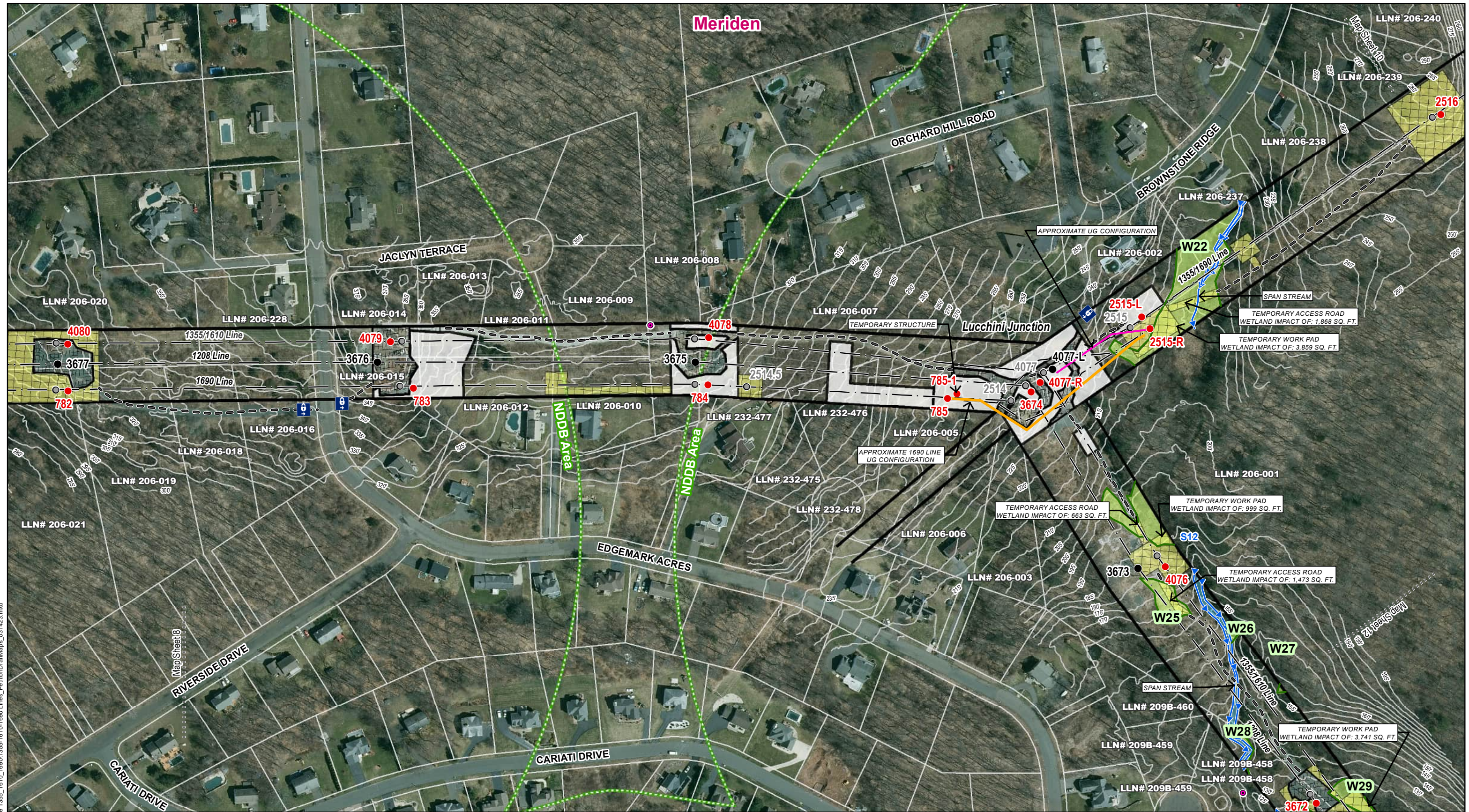
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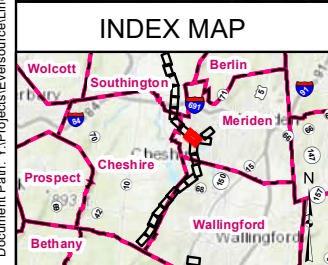
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|---------------------------------------|-------------------------------------|-----------------|
| ● Proposed Structure Str.Label | — Field Delineated Wetland Boundary | ●●●●● Stonewall |
| ● Existing Structure Str.Label | ■ Field Delineated Wetland | |
| ○ Existing Structure to be Removed | ■ Open Water | |
| — Existing Access | ■ Rare Species Habitat (June 2023) | |
| — Overhead Eversource Line | ■ Parcel Boundary | |
| ■ Existing Gravel | ■ Municipal Boundary | |
| ■ Temporary Construction Matting | — 5' Contour Line | |
| ■ Delineated Perennial Watercourse | | |



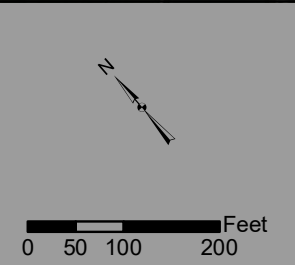
EVERSOURCE ENERGY	
Southington Substation to Cook Hill Junction Rebuild Project Cheshire and Meriden, Connecticut	
Map Sheet 8 of 23	AECOM
12/15/2023	



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|---------------------------------------|---|---|
| ● Proposed Structure Str.Label | — Delineated Perennial Watercourse | — 5' Contour Line |
| ● Existing Structure Str.Label | — Field Delineated Wetland Boundary Outline | ● Culvert |
| ○ Existing Structure to be Removed | ■ Field Delineated Wetland | — Underground 115 Kv Line Encased in Concrete |
| - - - Existing Access | ■ Open Water | — Underground Fiber Cable |
| — Overhead Eversource Line | — Rare Species Habitat (June 2023) | |
| ■ Existing Gravel | — Parcel Boundary | |
| ■ Stone Work Pad | — Municipal Boundary | |
| ■ Temporary Construction Matting | | |

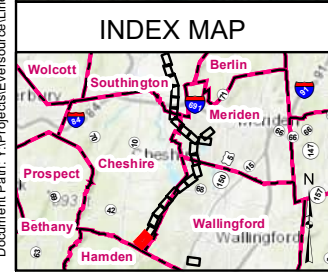


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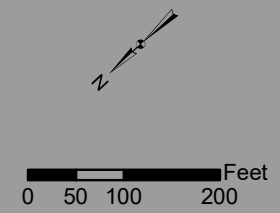
Southington Substation to
Cook Hill Junction Rebuild Project
Meriden, Connecticut

Map Sheet 9 of 23	AECOM
12/15/2023	

Cheshire



<ul style="list-style-type: none"> ● Proposed Structure Str Label ● Existing Structure Str Label ● Existing Structure to be Maintained ○ Existing Structure to be Removed --- Existing Access --- Overhead Eversource Line ▨ Existing Gravel ▨ Temporary Construction Matting 	<ul style="list-style-type: none"> — Delineated Perennial Watercourse - - - Delineated Intermittent Watercourse — Field Delineated Wetland Boundary Outline ■ Field Delineated Wetland ■ Open Water ■ Public Water Supply Watershed ■ Parcel Boundary 	<ul style="list-style-type: none"> — 5' Contour Line ○ Culvert
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EVERSOURCE ENERGY

Southington Substation to Cook Hill Junction Rebuild Project
Cheshire, Connecticut

Map Sheet 22 of 23	AECOM
12/15/2023	