



MUNICIPAL CONSULTATION FILING

FOR THE

SOUTHWEST CONNECTICUT RELIABILITY PROJECT

BY

THE CONNECTICUT LIGHT AND POWER COMPANY

DOING BUSINESS AS EVERSOURCE ENERGY

VOLUME 5: PROJECT MAPPING AND DRAWINGS

APRIL 2016

VOLUME 5: PROJECT DRAWINGS AND MAPPING

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APPENDIX 1C: PROPOSED PROJECT AERIAL MAPS – FEMA FLOODPLAINS – 400-SCALE

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EXHIBIT 1: 400-SCALE MAPS: PROPOSED PROJECT

APPENDIX 1A: OVERVIEW OF PROJECT ON USGS MAP – 2,000-SCALE

APPENDIX 1B: PROPOSED PROJECT AERIAL MAPS – 400-SCALE

APPENDIX 1C: PROPOSED PROJECT AERIAL MAPS – FEMA FLOODPLAINS – 400-SCALE

INTRODUCTION

This Exhibit provides maps that identify both the regional setting and the land use / environmental characteristics of the approximately 3.4-mile Proposed Route that The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) has identified for the new 115-kV transmission line and related facilities comprising the SWCT Reliability Project (Project).

Eversource's Proposed Route, along which the new 115-kV transmission line would be constructed and operated in overhead configurations, would be located entirely within Eversource's existing right-of-way (ROW) extending between Eversource's existing Plumtree Substation in the Town of Bethel and Brookfield Junction in the Town of Brookfield. In conjunction with the development of the new 115-kV transmission line, Eversource would modify the existing Plumtree Substation and Stony Hill Substation. *Refer to Volume 1 for the details regarding the Proposed Route and associated transmission facilities.*

The following maps are included within this exhibit:

- **Appendix 1A: U.S. Geologic Survey Map.** This topographic map (at a scale of 1"=2,000') illustrates the general locations of the proposed Project facilities.
- **Appendix 1B: Proposed Project Maps.** These aerial photography-based maps (at a scale of 1"=400'¹) identify the location of the Proposed Route of the new 115-kV transmission line along Eversource's existing ROW, as well as the Stony Hill Substation area; depict existing and proposed transmission line structures; and illustrate environmental, social, and land use features (e.g. municipal boundaries, zoning, water resources, vegetative cover types, forests, parks, other recreational areas, historic areas, and settled areas). All access routes shown are proposed and subject to review. Each aerial map is accompanied by explanatory data (on the facing page) that summarizes the primary environmental and land use characteristics of the ROW and surrounding region within the map viewing area. The page facing the map also includes a cross-section illustrating the configuration of the existing and proposed transmission lines within the ROW, as typical to the map segment. Similar information is provided for the Stony Hill Substation. *(Note: Cross-section drawings are also included in Volume 1, Section 3 and Volume 5, Exhibit 4).*
- **Appendix 1C: FEMA Floodplain Maps.** These aerial photography-based maps (at a scale of 1"=400'¹) illustrate the general location of the proposed Project facilities in the vicinity of Federal Emergency Management Agency (FEMA) mapped 100-year floodplains, 500-year floodplains, and the regulatory floodway. These maps include the locations of the new 115-kV transmission line structures along Eversource's existing ROW, as well as the Stony Hill Substation. Areas along the Proposed Route that are not proximate to mapped floodplains (100-year, 500-year, and the regulatory floodway) are not presented.

¹ Aerial photographs were derived from 2012 aerial imagery; environmental and land use features are mapped based on the most recent available Geographic Information System (GIS) data obtained from federal and state agencies (such as the Connecticut Department of Energy and Environmental Protection (CT DEEP) and the Federal Emergency Management Agency (FEMA), as well as the results of environmental and engineering field surveys. Location information for ROW / transmission lines were obtained from Eversource.

APPENDIX 1A

OVERVIEW OF PROJECT ON USGS MAP – 2,000-SCALE

| BATHYMETRIC FEATURES | |
|--|--|
| Area exposed at mean low tide; sounding datum line*** | |
| Channel*** | |
| Sunken rock*** | |
| BOUNDARIES | |
| National | |
| State or territorial | |
| County or equivalent | |
| Civil township or equivalent | |
| Incorporated city or equivalent | |
| Federally administered park, reservation, or monument (external) | |
| Federally administered park, reservation, or monument (internal) | |
| State forest, park, reservation, or monument and large county park | |
| Forest Service administrative area* | |
| Forest Service ranger district* | |
| National Forest System land status, Forest Service lands* | |
| National Forest System land status, non-Forest Service lands* | |
| Small park (county or city) | |
| BUILDINGS AND RELATED FEATURES | |
| Building | |
| School; house of worship | |
| Athletic field | |
| Built-up area | |
| Forest headquarters* | |
| Ranger district office* | |
| Guard station or work center* | |
| Racetrack or raceway | |
| Airport, paved landing strip, runway, taxiway, or apron | |
| Unpaved landing strip | |
| Well (other than water), windmill or wind generator | |
| Tanks | |
| Covered reservoir | |
| Gaging station | |
| Located or landmark object (feature as labeled) | |
| Boat ramp or boat access* | |
| Roadside park or rest area | |
| Picnic area | |
| Campground | |
| Winter recreation area* | |
| Cemetery | |

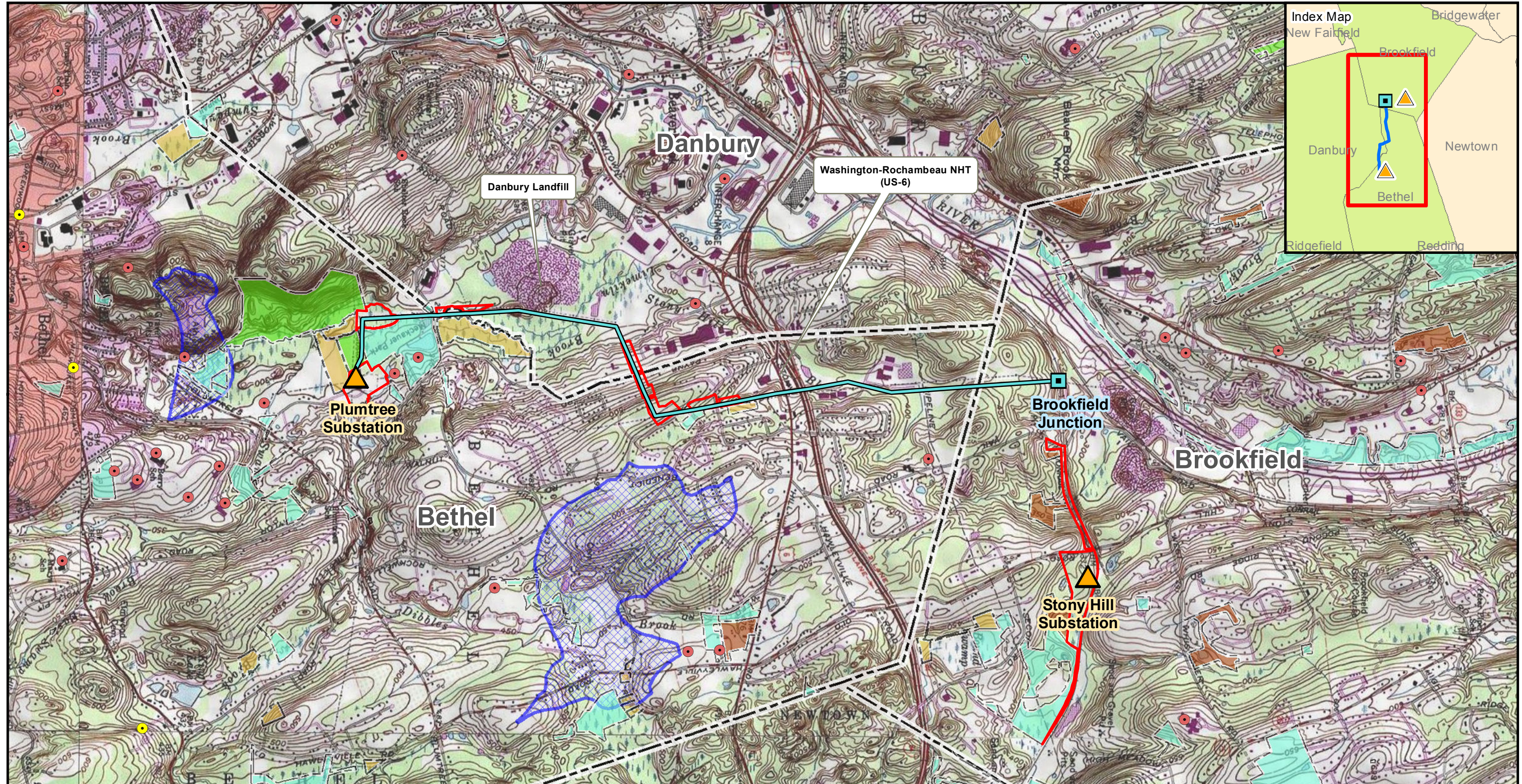
| COASTAL FEATURES | |
|--|--|
| Foreshore flat | |
| Coral or rock reef | |
| Rock, bare or awash; dangerous to navigation | |
| Group of rocks, bare or awash | |
| Exposed wreck | |
| Depth curve; sounding | |
| Breakwater, pier, jetty, or wharf | |
| Seawall | |
| Oil or gas well; platform | |
| CONTOURS | |
| Topographic | |
| Index | |
| Approximate or indefinite | |
| Intermediate | |
| Approximate or indefinite | |
| Supplementary | |
| Depression | |
| Cut | |
| Fill | |
| Bathymetric | |
| Index*** | |
| Intermediate*** | |
| Index primary*** | |
| Primary*** | |
| Supplementary*** | |
| CONTROL DATA AND MONUMENTS | |
| Principal point** | |
| U.S. mineral or location monument | |
| River mileage marker | |
| Boundary monument | |
| Third-order or better elevation, with tablet | |
| Third-order or better elevation, recoverable mark, no tablet | |
| With number and elevation | |
| Horizontal control | |
| Third-order or better, permanent mark | |
| With third-order or better elevation | |
| With checked spot elevation | |
| Coincident with found section corner | |
| Unmonumented** | |

| CONTROL DATA AND MONUMENTS - continued | |
|--|--|
| Vertical control | |
| Third-order or better elevation, with tablet | |
| Third-order or better elevation, recoverable mark, no tablet | |
| Bench mark coincident with found section corner | |
| Spot elevation | |
| GLACIERS AND PERMANENT SNOWFIELDS | |
| Contours and limits | |
| Formlines | |
| Glacial advance | |
| Glacial retreat | |
| LAND SURVEYS | |
| Public land survey system | |
| Range or Township line | |
| Location approximate | |
| Location doubtful | |
| Protracted | |
| Protracted (AK 1:63,360-scale) | |
| Range or Township labels | |
| Section line | |
| Location approximate | |
| Location doubtful | |
| Protracted | |
| Protracted (AK 1:63,360-scale) | |
| Section numbers | |
| Found section corner | |
| Found closing corner | |
| Witness corner | |
| Meander corner | |
| Weak corner* | |
| Other land surveys | |
| Range or Township line | |
| Section line | |
| Land grant, mining claim, donation land claim, or tract | |
| Land grant, homestead, mineral, or other special survey monument | |
| Fence or field lines | |
| MARINE SHORELINES | |
| Shoreline | |
| Apparent (edge of vegetation)*** | |
| Indefinite or unsurveyed | |
| MINES AND CAVES | |
| Quarry or open pit mine | |
| Gravel, sand, clay, or borrow pit | |
| Mine tunnel or cave entrance | |
| Mine shaft | |
| Prospect | |
| Tailings | |
| Mine dump | |
| Former disposal site or mine | |

| PROJECTION AND GRIDS | |
|---|--|
| Neatline | |
| Graticule tick | |
| Graticule intersection | |
| Datum shift tick | |
| State plane coordinate systems | |
| Primary zone tick | |
| Secondary zone tick | |
| Tertiary zone tick | |
| Quaternary zone tick | |
| Quinary zone tick | |
| Universal transverse mercator grid | |
| UTM grid (full grid) | |
| UTM grid ticks* | |
| RAILROADS AND RELATED FEATURES | |
| Standard gauge railroad, single track | |
| Standard gauge railroad, multiple track | |
| Narrow gauge railroad, single track | |
| Narrow gauge railroad, multiple track | |
| Railroad siding | |
| Railroad in highway | |
| Railroad in road | |
| Railroad in light duty road* | |
| Railroad underpass; overpass | |
| Railroad bridge; drawbridge | |
| Railroad tunnel | |
| Railroad yard | |
| Railroad turntable; roundhouse | |
| RIVERS, LAKES, AND CANALS | |
| Perennial stream | |
| Perennial river | |
| Intermittent stream | |
| Intermittent river | |
| Disappearing stream | |
| Falls, small | |
| Falls, large | |
| Rapids, small | |
| Rapids, large | |
| Masonry dam | |
| Dam with lock | |
| Dam carrying road | |

| RIVERS, LAKES, AND CANALS - continued | |
|---|--|
| Perennial lake/pond | |
| Intermittent lake/pond | |
| Dry lake/pond | |
| Narrow wash | |
| Wide wash | |
| Canal, flume, or aqueduct with lock | |
| Elevated aqueduct, flume, or conduit | |
| Aqueduct tunnel | |
| Water well, geyser, fumarole, or mud pot | |
| Spring or seep | |
| ROADS AND RELATED FEATURES | |
| Please note: Roads on Provisional-edition maps are not classified as primary, secondary, or light duty. These roads are all classified as improved roads and are symbolized the same as light duty roads. | |
| Primary highway | |
| Secondary highway | |
| Light duty road | |
| Light duty road, paved* | |
| Light duty road, gravel* | |
| Light duty road, dirt* | |
| Light duty road, unspecified* | |
| Unimproved road | |
| Unimproved road* | |
| 4WD road | |
| 4WD road* | |
| Trail | |
| Highway or road with median strip | |
| Highway or road under construction | |
| Highway or road underpass; overpass | |
| Highway or road bridge; drawbridge | |
| Highway or road tunnel | |
| Road block, berm, or barrier* | |
| Gate on road* | |
| Trailhead* | |
| * USGS-USDA Forest Service Single-Edition Quadrangle maps only. In August 1993, the U.S. Geological Survey and the U.S. Department of Agriculture's Forest Service signed an Interagency Agreement to begin a single-edition joint mapping program. This agreement established the coordination for producing and maintaining single-edition primary series topographic maps for quadrangles containing National Forest System lands. The joint mapping program eliminates duplication of effort by the agencies and results in a more frequent revision cycle for quadrangles containing National Forests. Maps are revised on the basis of jointly developed standards and contain normal features mapped by the USGS, as well as additional features required for efficient management of National Forest System lands. Single-edition maps look slightly different but meet the content, accuracy, and quality criteria of other USGS products. | |

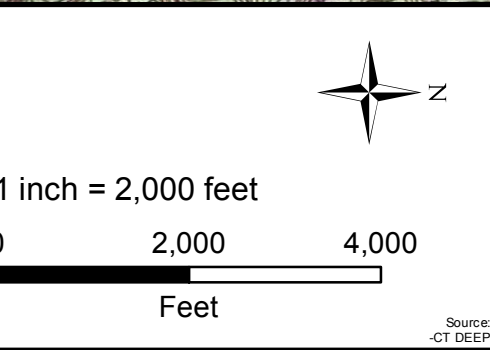
| SUBMERGED AREAS AND BOGS | |
|--|--|
| Marsh or swamp | |
| Submerged marsh or swamp | |
| Wooded marsh or swamp | |
| Submerged wooded marsh or swamp | |
| Land subject to inundation | |
| SURFACE FEATURES | |
| Levee | |
| Sand or mud | |
| Disturbed surface | |
| Gravel beach or glacial moraine | |
| Tailings pond | |
| TRANSMISSION LINES AND PIPELINES | |
| Power transmission line; pole; tower | |
| Telephone line | |
| Aboveground pipeline | |
| Underground pipeline | |
| VEGETATION | |
| Woodland | |
| Shrubland | |
| Orchard | |
| Vineyard | |
| Mangrove | |
| ** Provisional-Edition maps only. Provisional-edition maps were established to expedite completion of the remaining large-scale topographic quadrangles of the conterminous United States. They contain essentially the same level of information as the standard series maps. This series can be easily recognized by the title "Provisional Edition" in the lower right-hand corner. | |
| *** Topographic Bathymetric maps only. | |
| Topographic Map Information | |
| For more information about topographic maps produced by the USGS, please call: 1-888-ASK-USGS or visit us at http://ask.usgs.gov/ | |



- Legend**
- Substation
 - Junction
 - Proposed Project
 - Eversource Property
 - Municipal Boundary
 - Community Facilities: Playground & Group Family Daycare

- National Register Listed Historic Places**
- National Register Listed Historic Places
- CTDEEP Aquifer Protection Areas**
- Final Adopted/Final Aquifer Protection

- Protected Open Space**
- Land Trust
 - Municipal
 - Private
 - State



**SOUTHWEST CONNECTICUT
 RELIABILITY PROJECT**

Locus Map



APPENDIX 1B

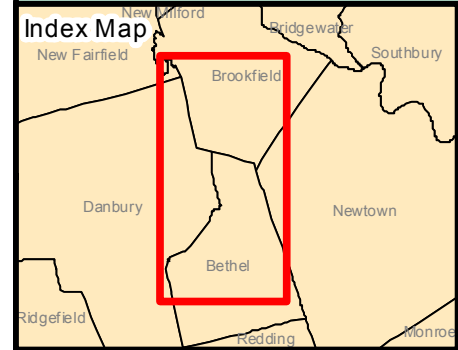
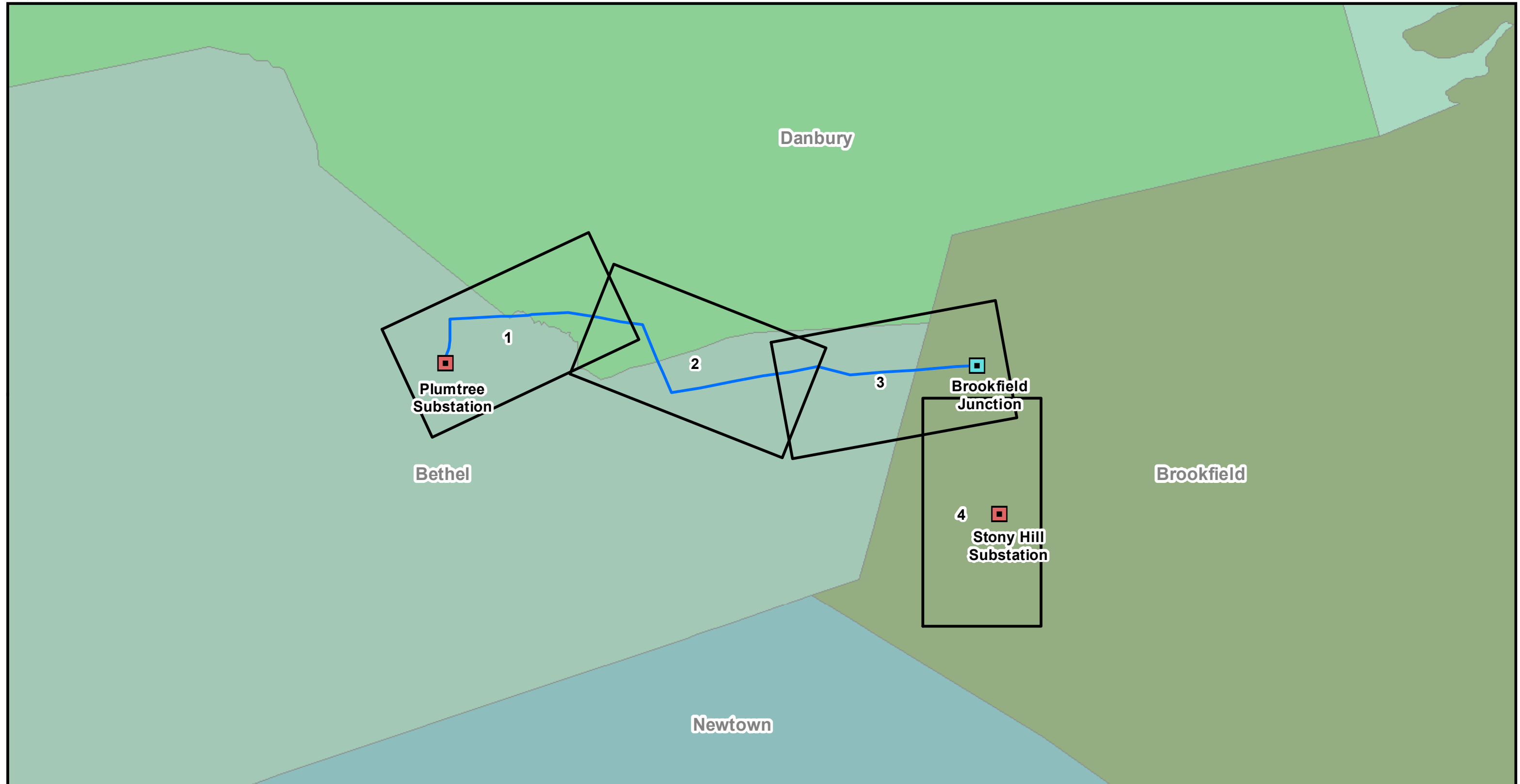
PROPOSED PROJECT AERIAL MAPS – 400-SCALE

INDEX

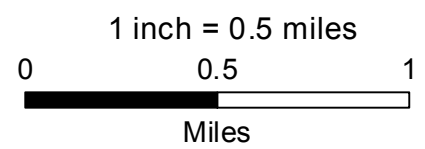
SWCT RELIABILITY PROJECT PROPOSED PROJECT

| Mapsheet | Municipalities | Existing 321/1770 Line Structure #s or Facility |
|-----------------|-----------------------|--|
| 1 of 4 | Bethel, Danbury | Plumtree Substation, 1000 to 10262 |
| 2 of 4 | Danbury, Bethel | 10261 to 10253 |
| 3 of 4 | Bethel, Brookfield | 10252 to 10246, Brookfield Junction |
| 4 of 4 | Brookfield | Stony Hill Substation, 4648A*, 4647A*, and 4647B* |

**1770 Line structures only*



- Legend**
- Substation
 - Junction
 - Proposed Project



Source
-CT DEEP

SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Index Map

EVERSOURCE

BSC GROUP

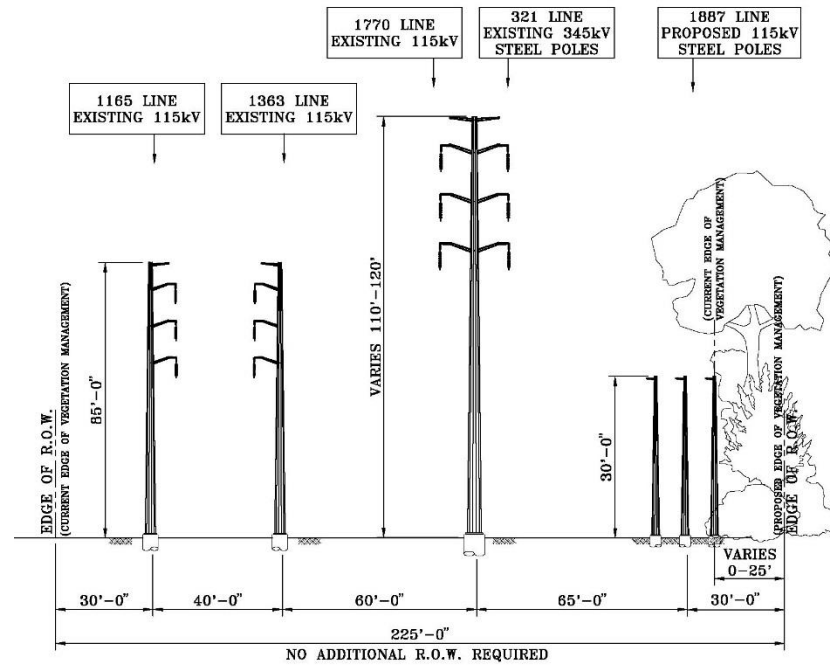
SWCT RELIABILITY PROJECT

Proposed Project

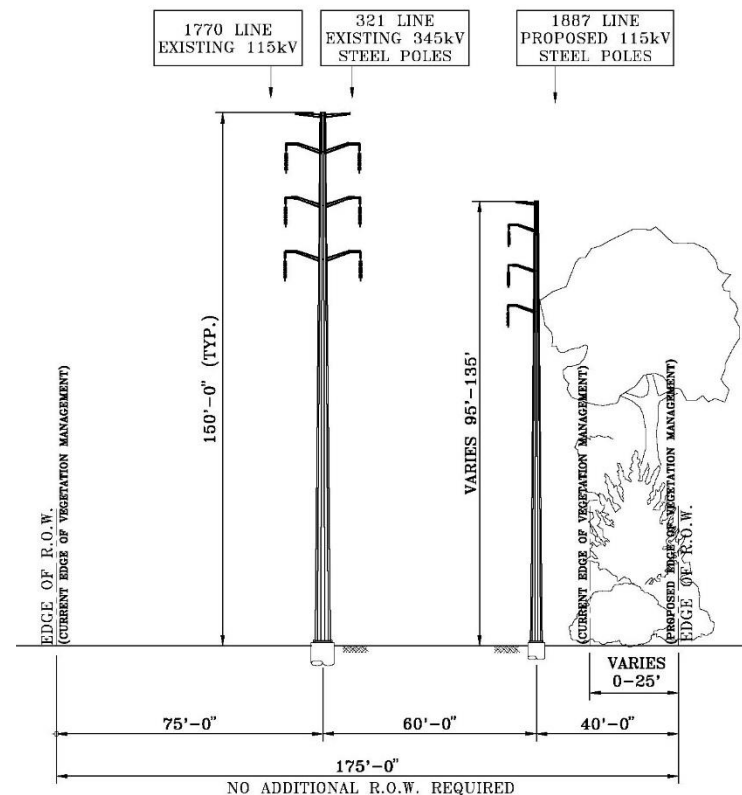
Plumtree Substation to Existing Structure 10262

Walnut Hill Road to North of Shelter Rock Road

Town of Bethel and City of Danbury



Note: XS-1 (depicted) applies to the Proposed Route from existing Structure 10269 to 10267.



Note: XS-2 (depicted) applies to the Proposed Route from existing Structure 10266 to 10247.

Area Description

Existing Land Use

- Forested
- Residential
- Commercial/Industrial (Plumtree Substation, Danbury Landfill, and gravel pit)
- Recreational (Bennet Memorial Park and Meckauer Park)
- CT DEEP Hunting Area and open space (East Swamp Wildlife Management Area)
- Town and Private Open Space (Bethel Land Trust & Town of Bethel)
- Other (Plumtree Substation, parks, and transportation corridors)

Zoning

- Town of Bethel
 - Residential (R-20, R-40)
- City of Danbury
 - Single Family Residence (RA-40)
 - General Industrial (IG-80)
 - Multifamily Residential (RMF-10)

Natural Systems

- Mixed hardwood forest of varying size and age
- State and federal jurisdictional wetlands and watercourses
- East Swamp Brook, Limekiln Brook, and associated tributaries
- 100-year Flood Zone (East Swamp Brook and Limekiln Brook)
- Regulatory Floodway (East Swamp Brook and Limekiln Brook)
- Open water (ponds)
- Natural Diversity Database Area
- Connecticut Critical Habitat (Floodplain Forest)

Visual Character

- Mixed residential, recreational. Palustrine Emergent (PEM) and Palustrine Forested (PFO) dominated undeveloped areas. Topography generally flat within the 100-year floodplain and hilly elsewhere.

Right-Of-Way Description

Land Use

- Upland or wetland forest scattered along margins of ROW
- Commercial/Industrial (Plumtree Substation)
- CT DEEP Hunting Area and open space (East Swamp Wildlife Management Area) portion overlaps with proposed structures 1000-1004
- Protected open space (Bethel Land Trust) north of Shelter Rock Road between proposed structures 1008 and 1009
- Protected open space/recreational (Town of Bethel) includes an unnamed parcel and the Meckauer Park parcel by proposed structure 1008
- Eversource properties surrounding Plumtree Substation, proposed structures 1006-7, and between/adjacent to Shelter Rock Road and proposed structure 1009

Terrain

- Generally flat, riparian floodplain.

Wetlands, Watercourses and Waterbodies

- Wetlands: W1
- Wetland Cover Types: PEM, PFO, PSS, POW
- Streams: S1 (East Swamp Brook), S2 (Limekiln Brook)

Right-of-Way Vegetation

- Emergent Wetland (PEM)
- Upland and Wetland Forest
- Old/Field Shrub Land

Potential Access

- Plumtree Substation and proposed structures 1000-1007 can be accessed from Walnut Hill Road
- Proposed structure 1008 can be accessed from Shelter Rock Road
- Proposed structures 1009-11 can be accessed from the Danbury Landfill (Plumtrees Road)
- Proposed structure 1012 can be accessed from Old Sherman Turnpike

Existing Right-of-Way Width/ Proposed Expansion Right-of-Way Width

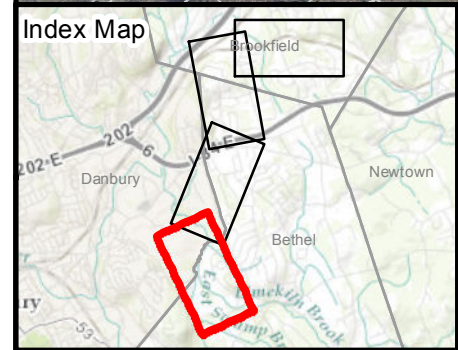
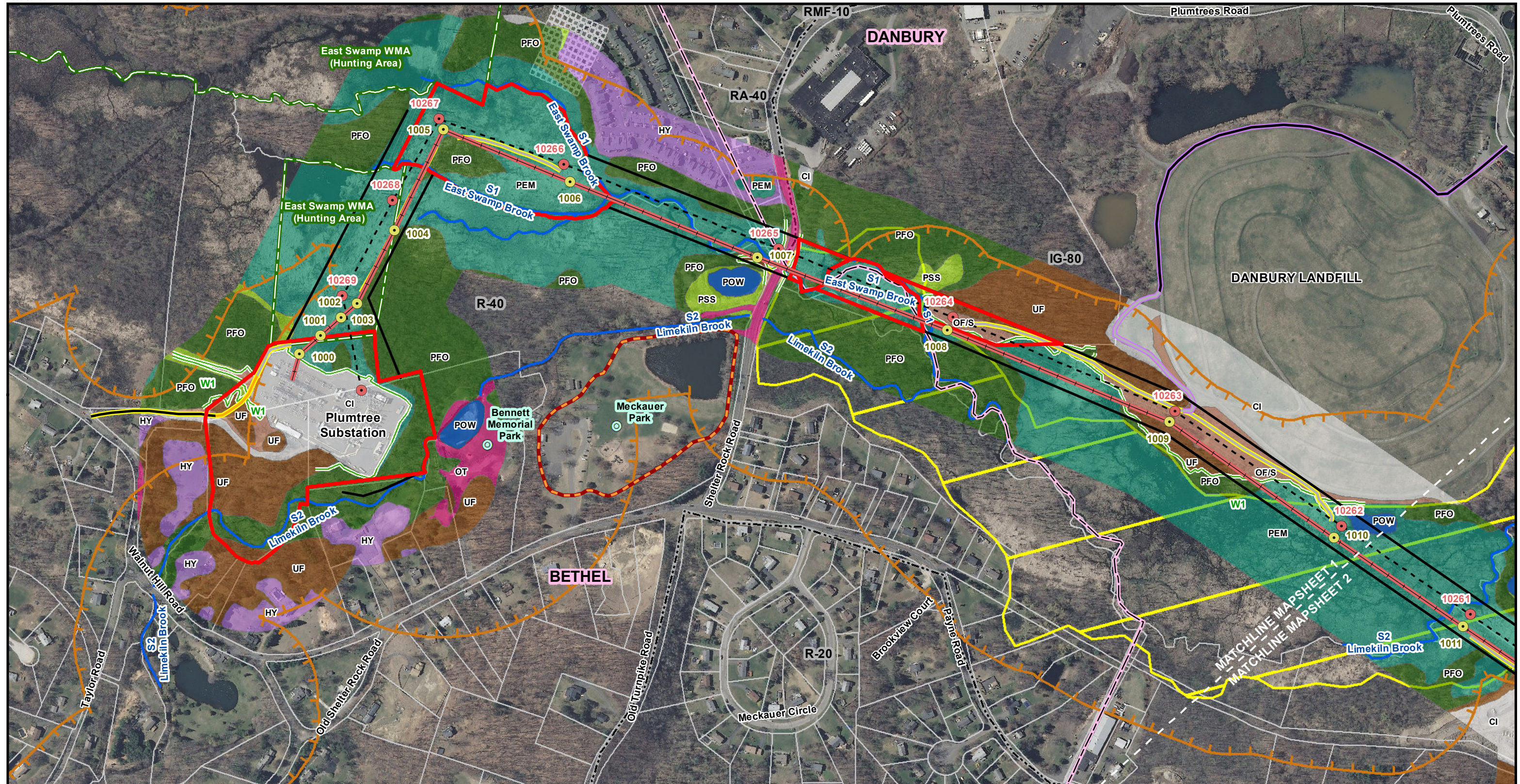
- 175 to 225 feet / 0 feet

Existing Cleared/Maintained Right-of-Way Width/ Proposed Additional Cleared Right-of-Way Width

- 175-225 feet / 0 to 50 feet

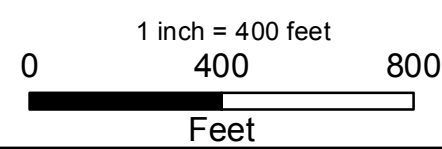
Road Crossings/ Major Utility Crossings

- Shelter Rock Road



Legend

| | | | |
|--|---|---|---|
| <ul style="list-style-type: none"> ● Existing 321/1770 Line Structure ● Proposed 1887 Line Structure — Proposed 115-kV Line (Centerline) - - Existing Transmission Line (Centerline) — Right-of-Way (Existing) — Existing Preferred Access Road — Existing Access Road to be Improved — New Preferred Access Road — Existing Alternate Access Road — New Alternate Access Road | <ul style="list-style-type: none"> — Wetland Boundary — Watercourse — Eversource Property — Parcels — Municipal Boundary — Hunting Area — Natural Diversity Database — Critical Habitat Polygon — Zoning R-10 Zoning Code Label | <ul style="list-style-type: none"> ● Community Facilities — Approximate Gas Pipeline — Meckauer Park Trail | <p>Land Use/Vegetative Cover</p> <ul style="list-style-type: none"> Emergent Wetland (PEM) Forested Wetland (PFO) Scrub-Shrub Wetland (PSS) Open Water (POW) Old Field-Shrub Land (OF/S) Upland Forest (UF) Commercial/Industrial (CI) House/Yard (HY) Other (OT) |
|--|---|---|---|



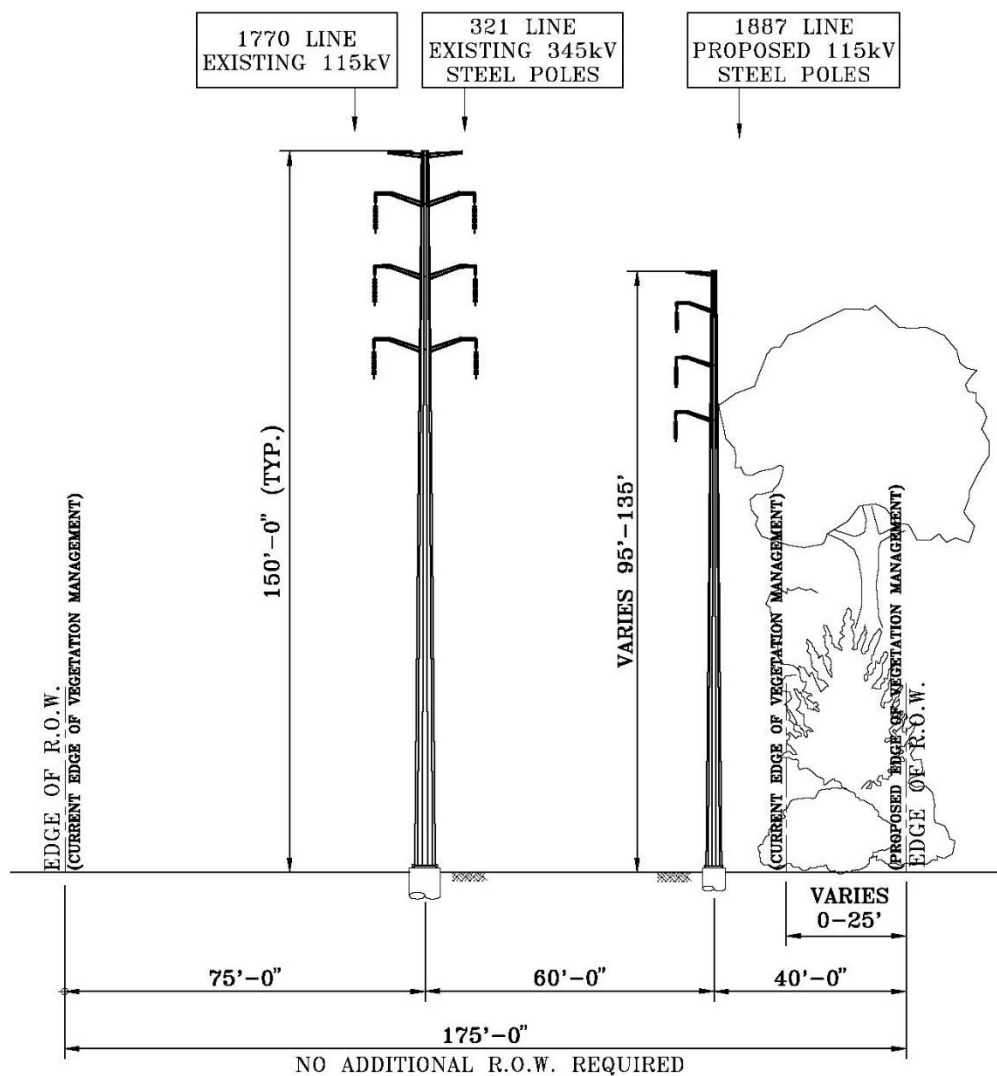
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel & Danbury, CT
Mapsheet 1 of 4

Source:
-CT DEEP
Basemap, Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data



SWCT RELIABILITY PROJECT
Proposed Project
Existing Structure 10261 to 10253
Southeast of Payne Road to North of Yankee Expressway (I-84)
City of Danbury and Town of Bethel



Note: XS-2 (depicted) applies to the Proposed Route from existing Structure 10266 to 10247.

Area Description

Existing Land Use

- Forest
- Residential
- Commercial/Industrial (Danbury Landfill, gravel pit, various commercial facilities, and Berkshire Corporate Park)
- Town and Private Open Space (Town of Bethel, unnamed; Bethel Land Trust, Sky Edge Preserve)

Zoning

- Town of Bethel
 - Residential (R-20, R-30, R-80)
 - Industrial Park (IP)
 - Route 6 Business Zone (RT6)
- City of Danbury
 - General Industrial (IG-80)
 - General Commercial (CG-20)

Natural Systems

- Mixed hardwood forests of varying size and age
- State/federal jurisdictional wetlands and watercourses
- Limekiln Brook and associated tributaries
- 100-year Flood Zone (Limekiln Brook)
- Regulatory Floodway (Limekiln Brook)
- Open water (ponds)
- Natural Diversity Database Area
- Connecticut Critical Habitat (Floodplain Forest)

Visual Character

- Flat, floodplain south of proposed structure 1013; Flat, managed lawns north of I-84; Hilly topography from Old Sherman Turnpike to Stony Hill Road (US-6)
- Dense rural from Payne Road to Stony Hill Road (US-6); Urban development between Old Sherman Turnpike to Payne Road and areas north of Sky Edge Drive.

Visual Character

- Washington-Rochambeau National Historic Trail (NHT)

Right-Of-Way Description

Land Use

- Upland or wetland forest along margins of ROW
- Town and Private Open Space (Town of Bethel, unnamed)
- Commercial/Industrial (gravel pit, Berkshire Cooperate Park, Target)
- Residential
- Eversource properties present between Old Sherman Turnpike to proposed structure 1018.

Terrain

- Flat, floodplain south of proposed structure 1013; Flat, managed lawns north of I-84; Hilly topography from Old Sherman Turnpike to Stony Hill Road (US-6)

Wetlands, Watercourses and Waterbodies

- Wetlands: W1, W2, W3
- Wetland Cover Types: PEM, PSS, PFO
- Streams: S2 (Limekiln Brook), S3, S4, S5, S6

Right-of-Way Vegetation

- Upland and Wetland Forest
- Old Field/Shrub Land
- Scrub-Shrub Wetland (PSS)
- Emergent Wetland (PEM)

Potential Access

- Proposed structures 1011 can be accessed from the Plumtrees Rd
- Proposed structures 1012-14 can be accessed from Old Sherman Tpk
- Proposed structures 1014-15 can be access from Payne Rd
- Proposed structures 1015-16 can be accessed from Hearthstone Dr
- Proposed structures 1016-17 can be access from Chimney Dr
- Proposed structure 1018 can be accessed from Sky Edge Dr
- Proposed structure 1019 can be accessed from Stony Hill Rd (US-6)
- Proposed structure 1020 can be accessed from Berkshire Blvd

Existing Right-of-Way Width/ Proposed Expansion Right-of-Way Width

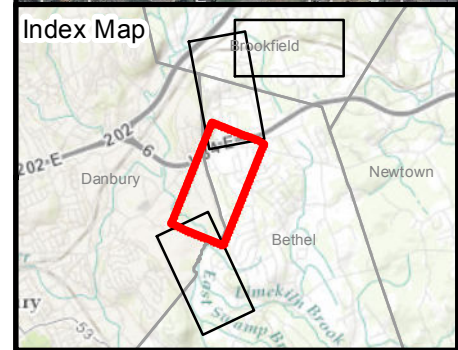
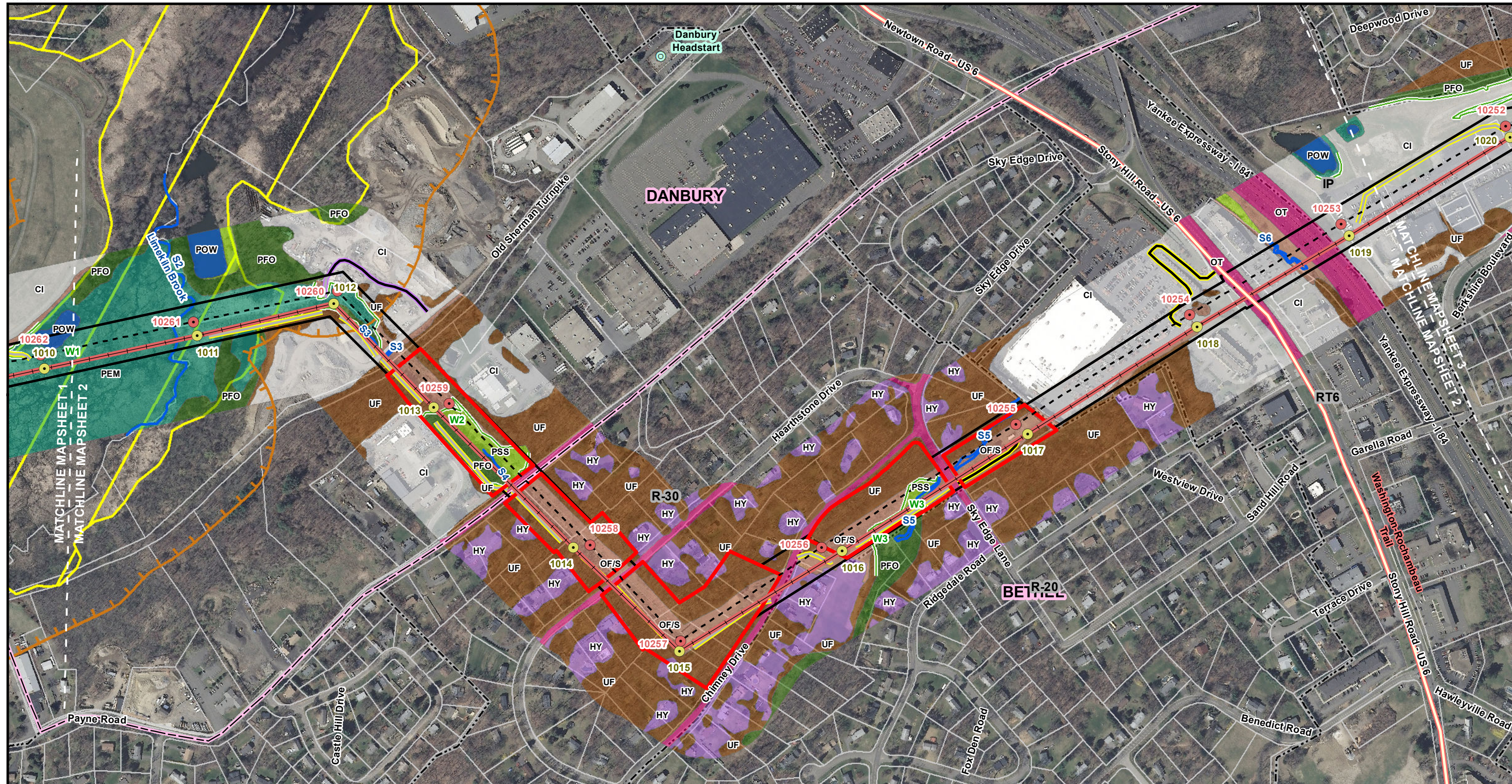
- 150 to 175 feet / 0 feet

Existing Cleared/Maintained Right-of-Way Width/ Proposed Additional Cleared Right-of-Way Width

- 150-175 feet / 0 to 100 feet

Road Crossings/ Major Utility Crossings

- Old Sherman Turnpike, Payne Road, Hearthstone Drive, Chimney Drive, Sky Edge Drive, Stony Hill Road (US-6), and Yankee Expressway (I-84)



Legend

| | | | | |
|---|------------------------------|----------------------------|----------------------------------|-------------------------------|
| ● Existing 321/1770 Line Structure | — Wetland Boundary | ● Community Facilities | Land Use/Vegetative Cover | ■ Old Field-Shrub Land (OF/S) |
| ● Proposed 1887 Line Structure | — Watercourse | — Approximate Gas Pipeline | ■ Emergent Wetland (PEM) | ■ Upland Forest (UF) |
| — Proposed 115-kV Line (Centerline) | ■ Eversource Property | | ■ Forested Wetland (PFO) | ■ Commercial/Industrial (CI) |
| — Existing Transmission Line (Centerline) | ■ Parcels | | ■ Scrub-Shrub Wetland (PSS) | ■ House/Yard (HY) |
| — Right-of-Way (Existing) | — Municipal Boundary | | ■ Open Water (POW) | ■ Other (OT) |
| — Existing Preferred Access Road | ■ Hunting Area | | | |
| — Existing Access Road to be Improved | ■ Natural Diversity Database | | | |
| — New Preferred Access Road | ■ Critical Habitat Polygon | | | |
| — Existing Alternate Access Road | ■ Zoning | | | |
| — New Alternate Access Road | ■ R-10 Zoning Code Label | | | |

1 inch = 400 feet
 0 400 800
 Feet

SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel, Danbury & Brookfield, CT
 Mapsheet 2 of 4

Source: CT DEEP Basemap, Environmental Data, Aerial & Topo Imagery, BSC Group, Inc. Field Delineated Data



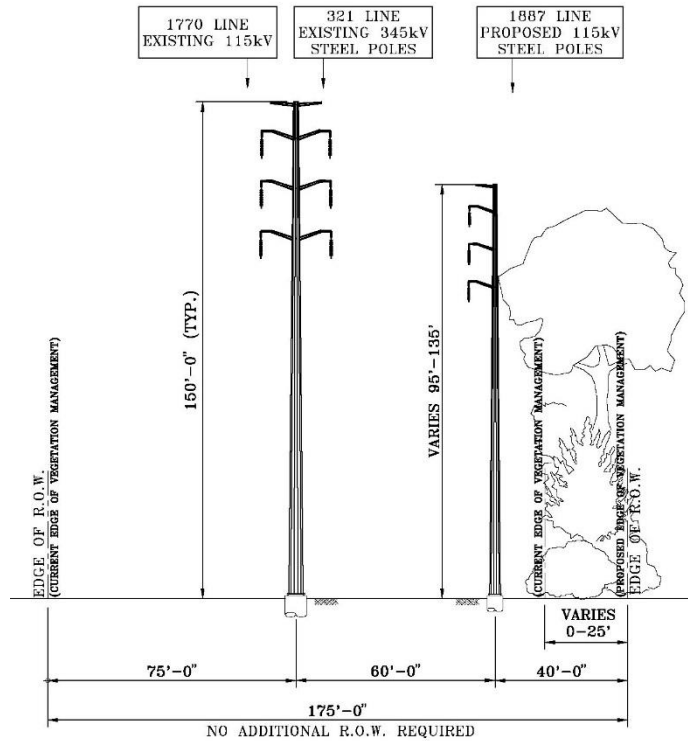
SWCT RELIABILITY PROJECT

Proposed Project

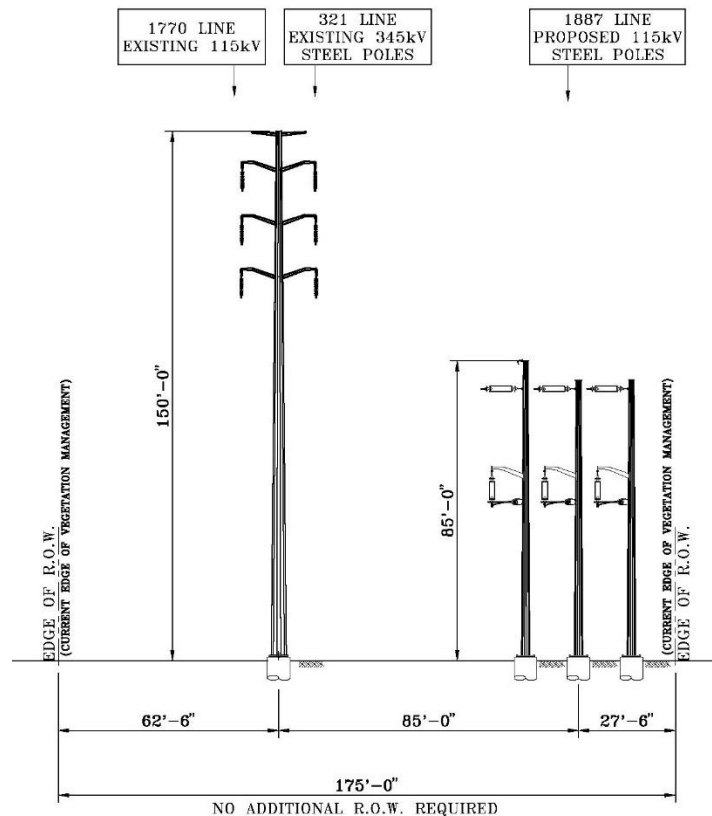
Existing Structure 10252 to 10246 (Brookfield Junction)

Yankee Expressway (I-84) to North of Park Ridge Road

Town of Bethel and Brookfield



Note: XS-2 (depicted) applies to the Proposed Route from existing Structure 10266 to 10247.



Note: XS-3 (depicted) applies to the Proposed Route at Brookfield Junction (existing Structure 10246).

Area Description

Existing Land Use

- Commercial/Industrial (Berkshire Corporate Park)
- Residential
- Forest

Zoning

- Town of Bethel
 - Industrial Park (IP)
 - Route 6 Business Zone (RT6)
 - Residential (R-20)
- City of Danbury
 - Light Industrial (IL-40)
- Town of Brookfield
 - Industrial Limited/Commercial Southeast (ILC-80SE)
 - Residential (R-40)
 - Limited Industrial (IL-80)

Natural Systems

- Mixed hardwood forests of varying size and age
- State/federal jurisdictional wetlands and watercourses

Visual Character

- Dense commercial and industrial development. Flat to rolling topography north of I-84

Right-Of-Way Description

Land Use

- Commercial/Industrial (Berkshire Corporate Park)
- Upland or wetland forest

Terrain

- Flat, maintained lawns and parking lots. Slight, rolling topography present north of the Bethel Line

Wetlands, Watercourses and Waterbodies

- Wetlands: W4, W5
- Wetland Cover Types: PEM, POW
- Streams: S6, S7
- Waterbodies: WB-1 (pond)

Right-of-Way Vegetation

- Maintained lawn or parking lot/driveways
- Emergent Wetlands (PEM)
- Upland and Wetland Forest

Potential Access

- Proposed structures 1020-1021 can be accessed from Berkshire Boulevard
- Proposed structure 1022 can be accessed from Research Drive
- Proposed structures 1024-1027 can be accessed from Research Drive, Park Ridge Road, or Vail Road
- Proposed structure 1023 can be accessed from Park Lawn Drive

Existing Right-of-Way Width/ Proposed Expansion Right-of-Way Width

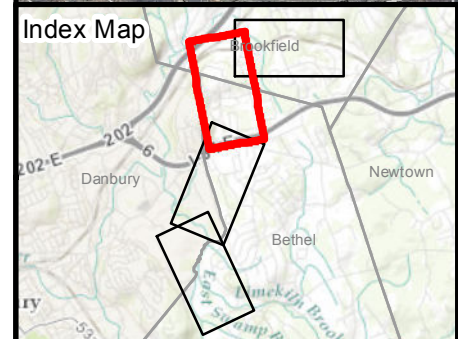
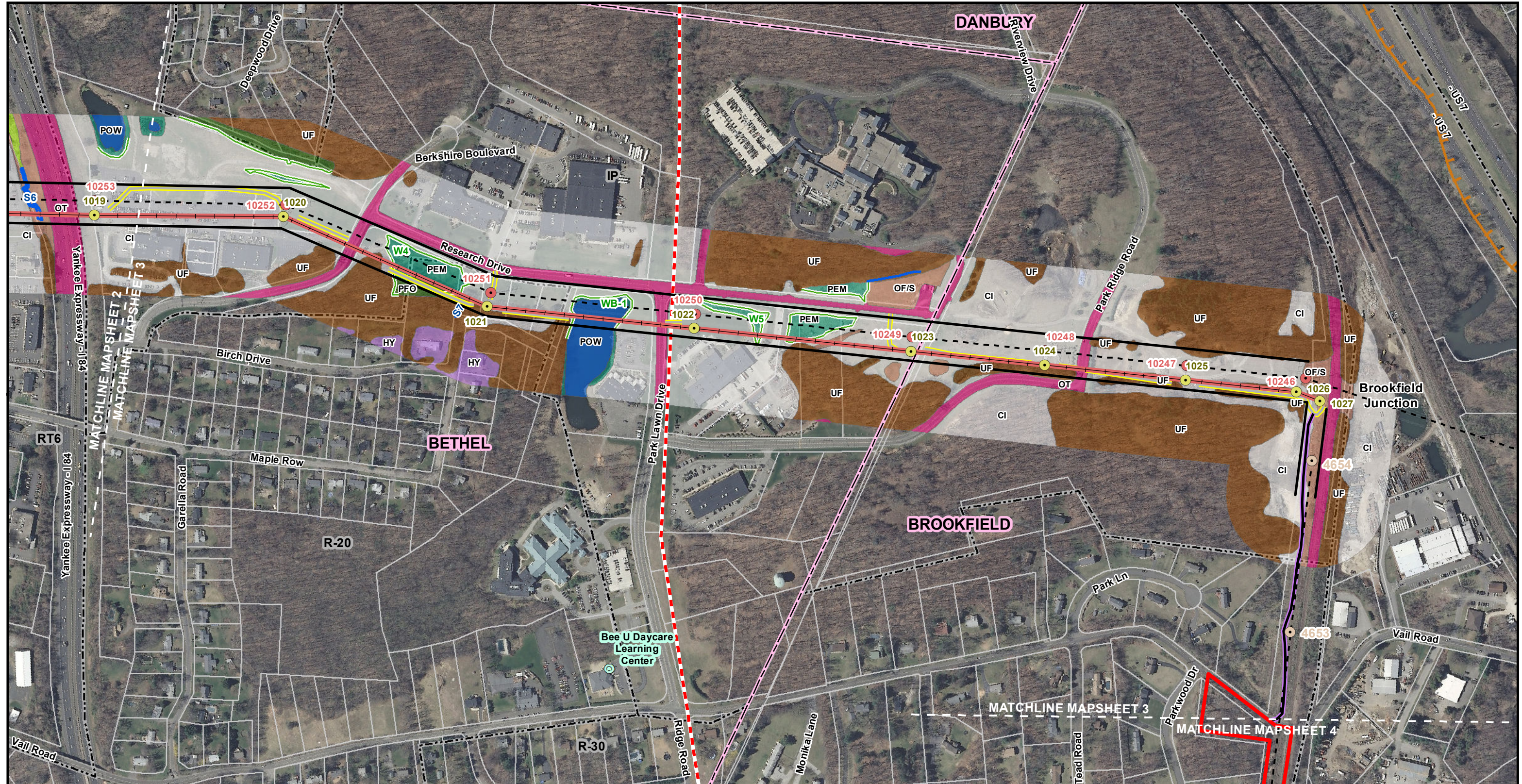
- 175 feet / 0 feet

Existing Cleared/Maintained Right-of-Way Width/ Proposed Additional Cleared Right-of-Way Width

- 175 ft / 0 to 50 feet

Road Crossings/ Major Utility Crossings

- Yankee Expressway (I-84), Berkshire Boulevard, Research Drive, Park Ridge Road
- Gas pipeline (Park Lawn Drive)



| | | | |
|---|---|--|---|
| <p>Legend</p> <ul style="list-style-type: none"> ● Existing 321/1770 Line Structure ● Proposed 1887 Line Structure — Proposed 115-kV Line (Centerline) - - Existing Transmission Line (Centerline) — Right-of-Way (Existing) — Existing Preferred Access Road — Existing Access Road to be Improved — New Preferred Access Road — Existing Alternate Access Road — New Alternate Access Road | <ul style="list-style-type: none"> — Wetland Boundary — Watercourse — Eversource Property — Parcels — Municipal Boundary — Hunting Area — Natural Diversity Database — Critical Habitat Polygon — Zoning R-10 Zoning Code Label | <ul style="list-style-type: none"> ● Community Facilities — Approximate Gas Pipeline ● Existing 1770 Line Structure | <p>Land Use/Vegetative Cover</p> <ul style="list-style-type: none"> Emergent Wetland (PEM) Forested Wetland (PFO) Scrub-Shrub Wetland (PSS) Open Water (POW) Old Field-Shrub Land (OF/S) Upland Forest (UF) Commercial/Industrial (CI) House/Yard (HY) Other (OT) |
|---|---|--|---|

1 inch = 400 feet

0 400 800

Feet

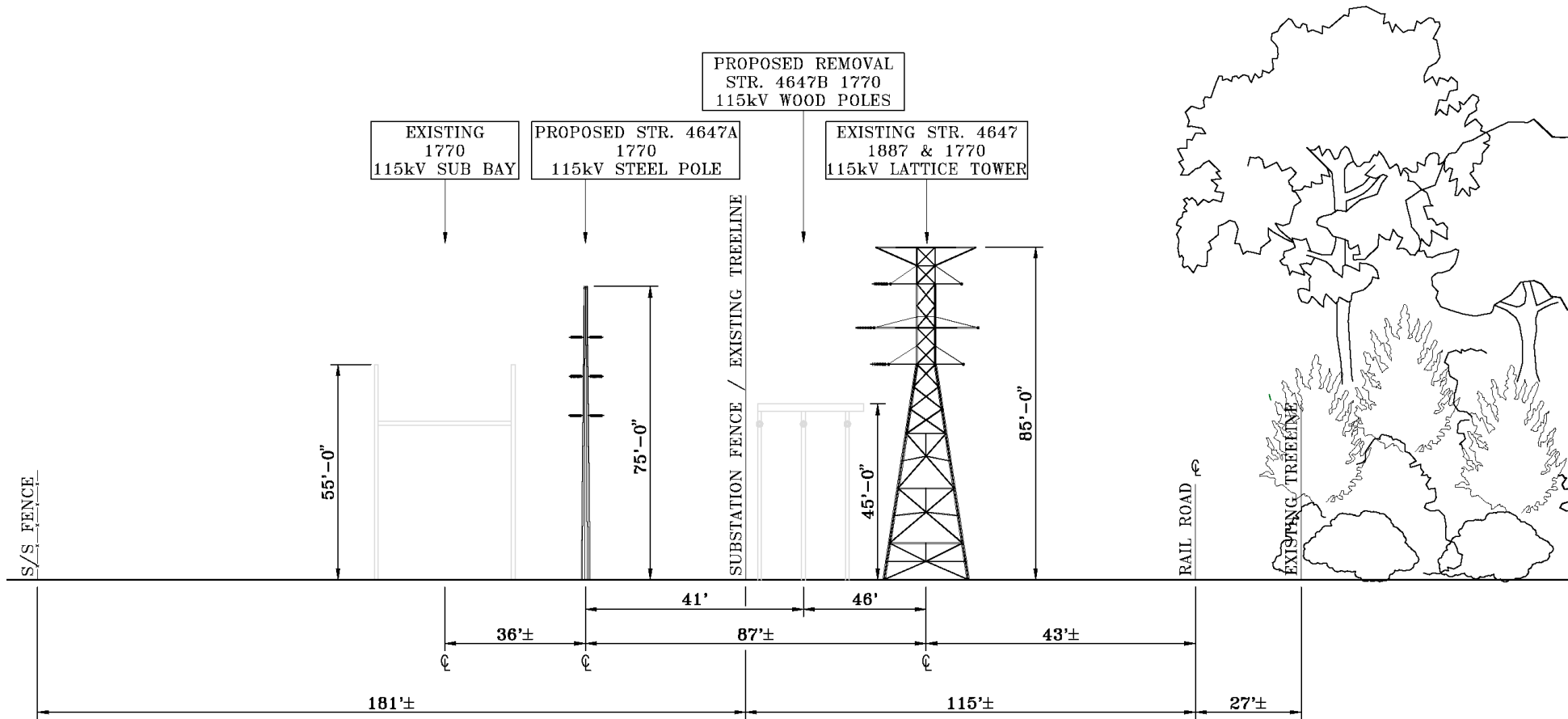
**SOUTHWEST CONNECTICUT
RELIABILITY PROJECT**

Danbury & Bethel, CT
Mapsheet 3 of 4

Source:
- CT DEEP
Basemap, Environmental Data,
Aerial & Topo Imagery
- BSC Group, Inc.
Field Delineated Data

EVERSOURCE

SWCT RELIABILITY PROJECT
Stony Hill Substation and Existing Structures 4648A, 4647A, and 4647B
Stony Hill Road East to Stony Hill Substation
Town of Brookfield



Note: XS-4 (depicted) applies to 1770 Line Structures 4647, 4647A, and 4647B located to the east of Stony Hill Substation, facing northwest.

Area Description

Existing Land Use

- Commercial Industrial (Stony Hill Substation)
- Residential
- Forest

Zoning

- Town of Brookfield
 - Residential (R-40, R-80)
 - Limited Industrial (IL-80)
 - Restricted Industrial/Commercial (IRC-80/40)

Natural Systems

- Mixed hardwood forest of varying size and age
- State/federal jurisdictional wetlands and watercourses
- Brookfield Aquifer Protection District (not shown)
- 500-year Floodplain

Visual Character

- Residential, rolling forested topography

Substation Area Description

Land Use

- Commercial/Industrial (Stony Hill Substation)
- Upland or wetland forest

Terrain

- Rolling topography, heavily disturbed surface soils from commercial/industrial use

Wetlands, Watercourses and Waterbodies

- Wetlands: W6, W7
- Wetland Cover Types: PSS, PFO

Right-of-Way and Substation Area Vegetation

- Old/Field Shrub
- Upland and Wetland Forest

Potential Access

- Stony Hill Substation can be accessed from Stony Hill Road

Existing Right-of-Way Width/ Proposed Expansion Right-of-Way Width

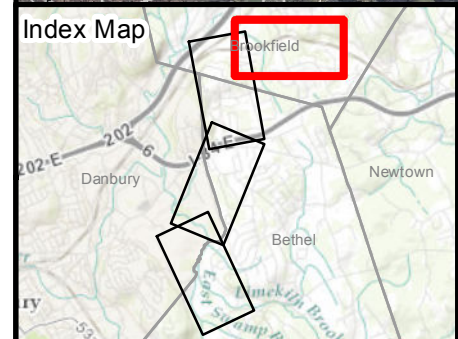
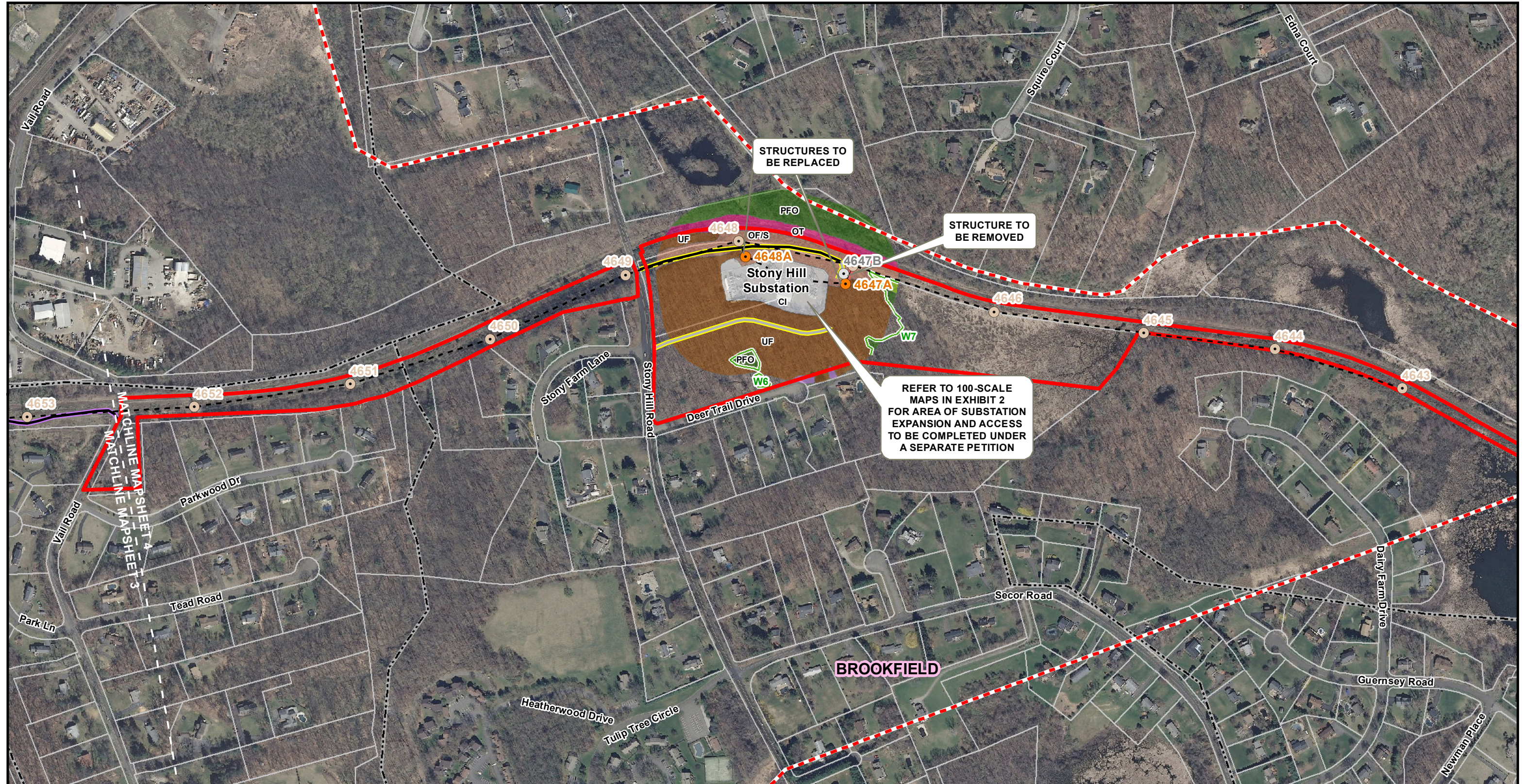
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Existing Cleared/Maintained Right-of-Way Width/ Proposed Additional Cleared Right-of-Way Width

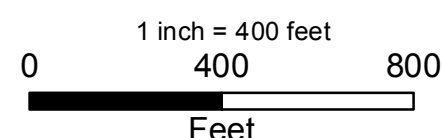
- n/a

Road Crossings/ Major Utility Crossings

- None, all work is present to the east of Stony Hill Road.



| Legend | | Land Use/Vegetative Cover | |
|---|----------------------------|------------------------------|-----------------------------|
| Existing 321/1770 Line Structure | Wetland Boundary | Community Facilities | Old Field-Shrub Land (OF/S) |
| Proposed 1887 Line Structure | Watercourse | Approximate Gas Pipeline | Upland Forest (UF) |
| Proposed 115-kV Line (Centerline) | Eversource Property | Existing 1770 Line Structure | Commercial/Industrial (CI) |
| Existing Transmission Line (Centerline) | Parcels | | House/Yard (HY) |
| Right-of-Way (Existing) | Municipal Boundary | | Other (OT) |
| Existing Preferred Access Road | Hunting Area | | |
| Existing Access Road to be Improved | Natural Diversity Database | | |
| New Preferred Access Road | Critical Habitat Polygon | | |
| Existing Alternate Access Road | Zoning | | |
| New Alternate Access Road | R-10 Zoning Code Label | | |



SOUTHWEST CONNECTICUT RELIABILITY PROJECT

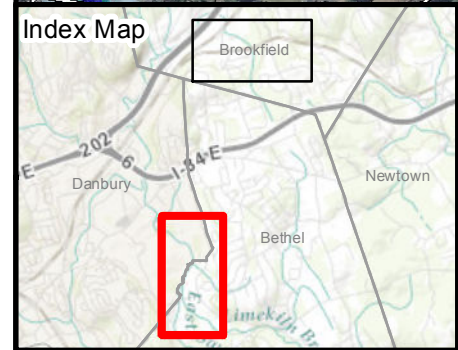
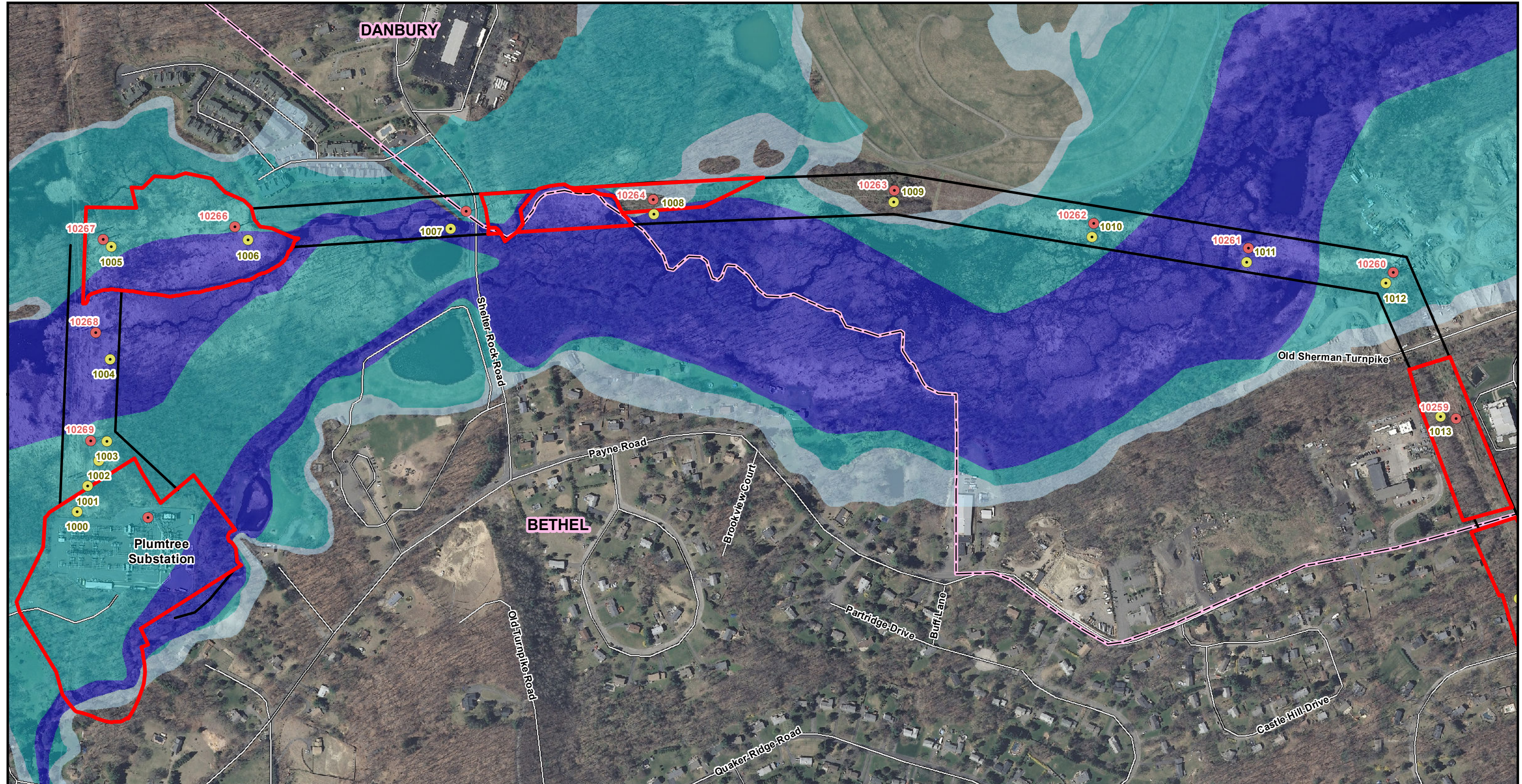
Brookfield, CT
 Mapsheet 4 of 4

Source:
 -CT DEEP
 Basemap, Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data



APPENDIX 1C

PROPOSED PROJECT AERIAL MAPS – FEMA FLOODPLAINS – 400-SCALE



Legend

- Existing 321/1770 Line Structure
- Proposed 1887 Line Structure
- Right-of-Way (Existing)
- Eversource Property
- Municipal Boundary
- FEMA Regulatory Floodway
- FEMA 100yr Floodplain
- FEMA 500yr Floodplain

1 inch = 400 feet

0 400 800

Feet

**SOUTHWEST CONNECTICUT
 RELIABILITY PROJECT**

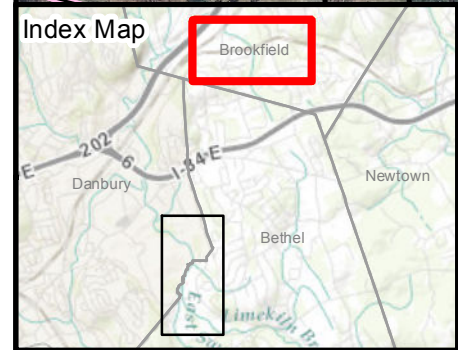
FEMA Floodplains

Bethel & Danbury, CT
 Mapsheet 1 of 2

Source:
 -CT DEEP
 Basemap, Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data

EVERSOURCE

BSC GROUP



Legend

| | | |
|----------------------------------|--------------------------|--------------------------|
| Existing 321/1770 Line Structure | Municipal Boundary | Existing to Remain |
| Proposed 1887 Line Structure | FEMA Regulatory Floodway | Structure to be Removed |
| Right-of-Way (Existing) | FEMA 100yr Floodplain | Structure to be Replaced |
| Eversource Property | FEMA 500yr Floodplain | |

1 inch = 400 feet

0 400 800
Feet

SOUTHWEST CONNECTICUT RELIABILITY PROJECT

FEMA Floodplains

Brookfield, CT
 Mapsheet 2 of 2

Source:
 -CT DEEP
 Basemap, Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data



EXHIBIT 2: 100-SCALE MAPS: PROPOSED PROJECT

APPENDIX 2A: PROJECT OVERVIEW MAP – 2,000-SCALE

APPENDIX 2B: PROPOSED PROJECT AERIAL MAPS – 100-SCALE

INTRODUCTION

This exhibit provides aerial photography-based maps, at a scale of 1"=100', that illustrate the 3.4-Mile Proposed Route that The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) has identified for the new 115-kV transmission line and the modifications to Stony Hill Substation and vicinity that comprise the SWCT Reliability Project (the "Project").¹ The maps identify both environmental features along the Proposed Route and Project design information, as follows:

Project Design Information

- Right-of-Way (ROW) boundaries
- Property lines, including Eversource-owned lands
- Existing tree line and proposed limits of vegetation removal²
- Existing transmission line centerline and structure locations (by number)
- Proposed 115-kV transmission line centerline and structure locations (by number)³
- Work pad locations⁴
- Existing and new (proposed) access roads⁴
- Existing culverts and proposed watercourse crossings
- 10-foot topographic contours

Environmental Features

- Land use and vegetation type (as illustrated by the aerial photographs)
- Municipal boundaries
- Wetlands, state and federal jurisdictional areas (by alpha-numeric identifier)⁵
- Watercourses and water bodies (by alpha-numeric identifier)
- FEMA 500- and 100-year floodplains and FEMA Regulatory Floodway⁶
- Public recreational areas (including parks, trails, and CTDEEP hunting areas)
- Zoning designations
- Public Roads

Eversource's Proposed Route, along which the new 115-kV transmission line would be constructed and operated in an overhead configuration, would extend between Eversource's existing Plumtree Substation in the Town of Bethel and Brookfield Junction in the Town of Brookfield. The entire Proposed Route would be accommodated within an existing Eversource ROW. In conjunction with the development of the new 115-kV transmission line, Eversource would modify the existing Stony Hill Substation in the Town of Brookfield. *Refer to Volume 1 for Project details.*

The Index provides a key to the Project maps by municipality.

¹ Aerial photographs were derived from 2012 aerial imagery; environmental and land use features are mapped based on the most recently available Geographic Information System (GIS) data obtained from federal and state agencies (such as the Connecticut Department of Energy and Environmental Protection (CT DEEP) and the Federal Emergency Management Agency (FEMA), as well as the results of environmental and engineering field surveys. Location information for ROW / transmission lines were obtained from Eversource.

² The proposed limits of vegetation removal depicted on the maps illustrate the general areas along the new 115-kV transmission line where vegetation must be cleared for construction and/or during the life of the Project, and managed for low-growing species compatible with overhead transmission line operation. Such vegetation management is required, pursuant to the mandatory North American Electric Reliability Corporation standards, to maintain appropriate clearance between tall-growing vegetation and the new 115-kV transmission line conductors. During construction, additional vegetation clearing outside the removal limits depicted on the maps will be required. For example, vegetation will have to be cleared along construction access roads that extends outside the limits of vegetation removal limits for conductor clearance. Danger trees located outside the managed ROW limits also will have to be removed.

³ Eversource has sited the proposed new 115-kV structures based on current design information, as identified on the maps. During final Project design, the structure locations shown may shift slightly.

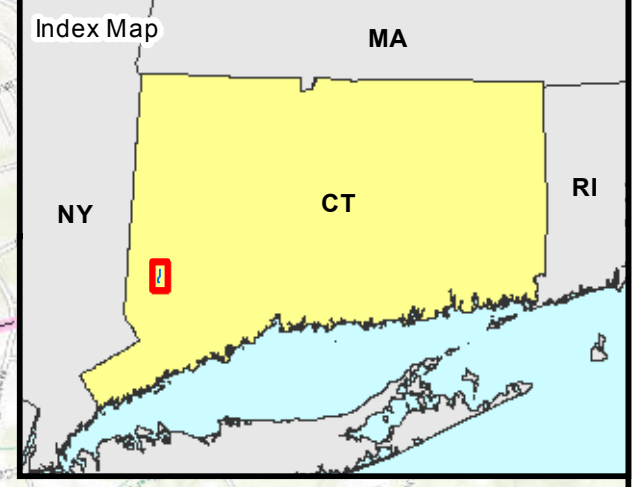
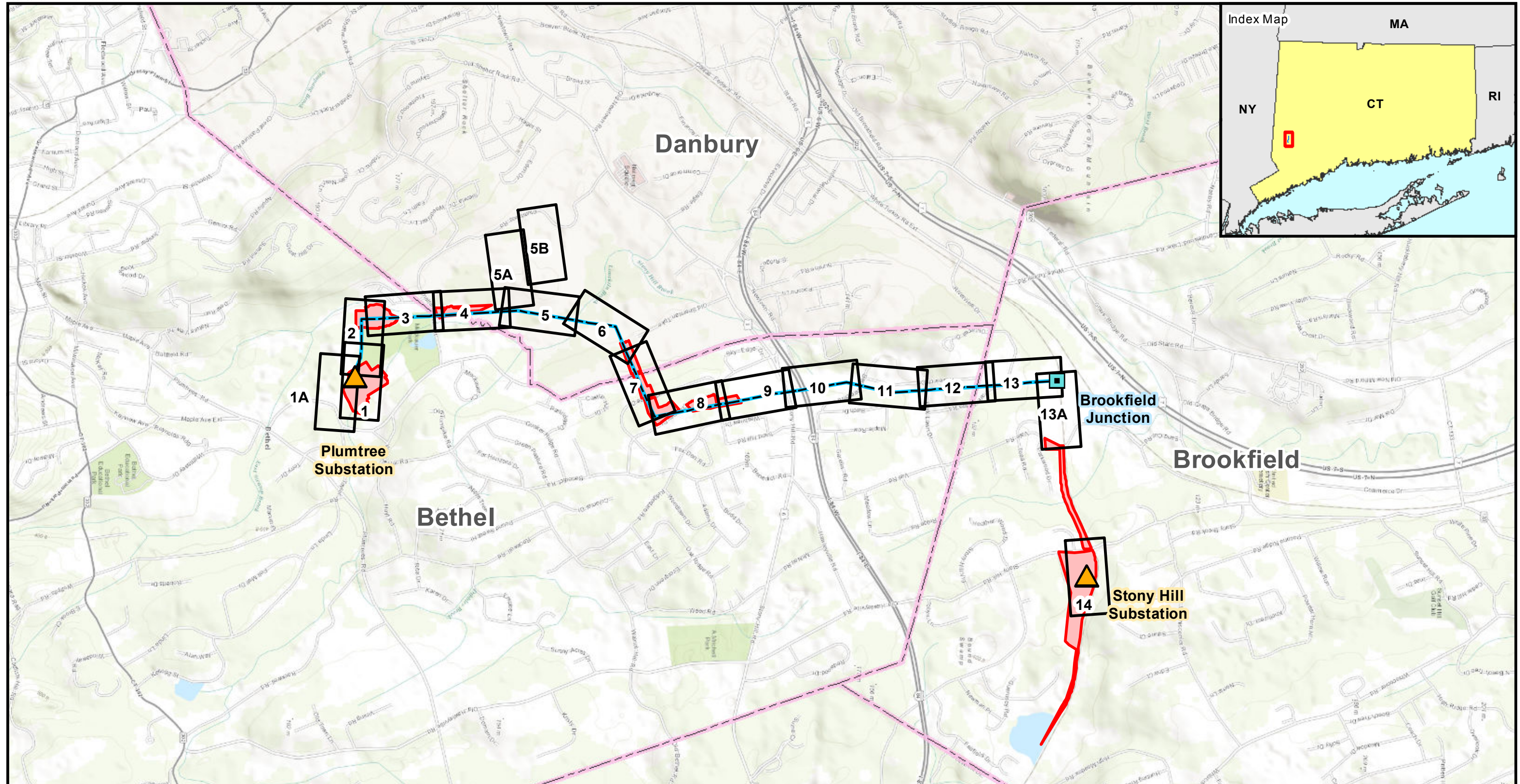
⁴ Work pads depicted on the maps illustrate the approximate work area necessary to facilitate construction for each proposed new structure or pulling site. All work areas and access shown in wetlands will be temporary.

⁵ No vernal pools were identified along the Proposed Route or in the vicinity of Stony Hill Substation.

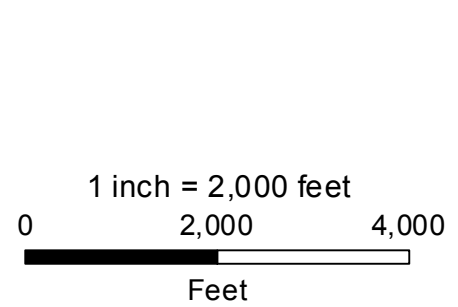
⁶ The outlines of FEMA mapped 500- and 100- year floodplains and the regulatory floodway are depicted on the maps. These layers are also represented in Appendix 1C in Exhibit 1 as a standalone on 1"=400' scale maps to better illustrate the locations of existing and proposed transmission line structures and proposed work in or near these resource areas.

APPENDIX 2A

PROJECT OVERVIEW MAP – 2,000-SCALE



- Legend**
- Substation
 - Junction
 - Proposed Project
 - Eversource Property
 - Municipal Boundary
 - Mapsheets



SWCT RELIABILITY PROJECT

Index Map

EVERSOURCE

BSC GROUP

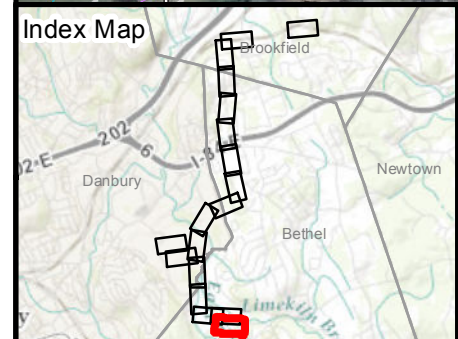
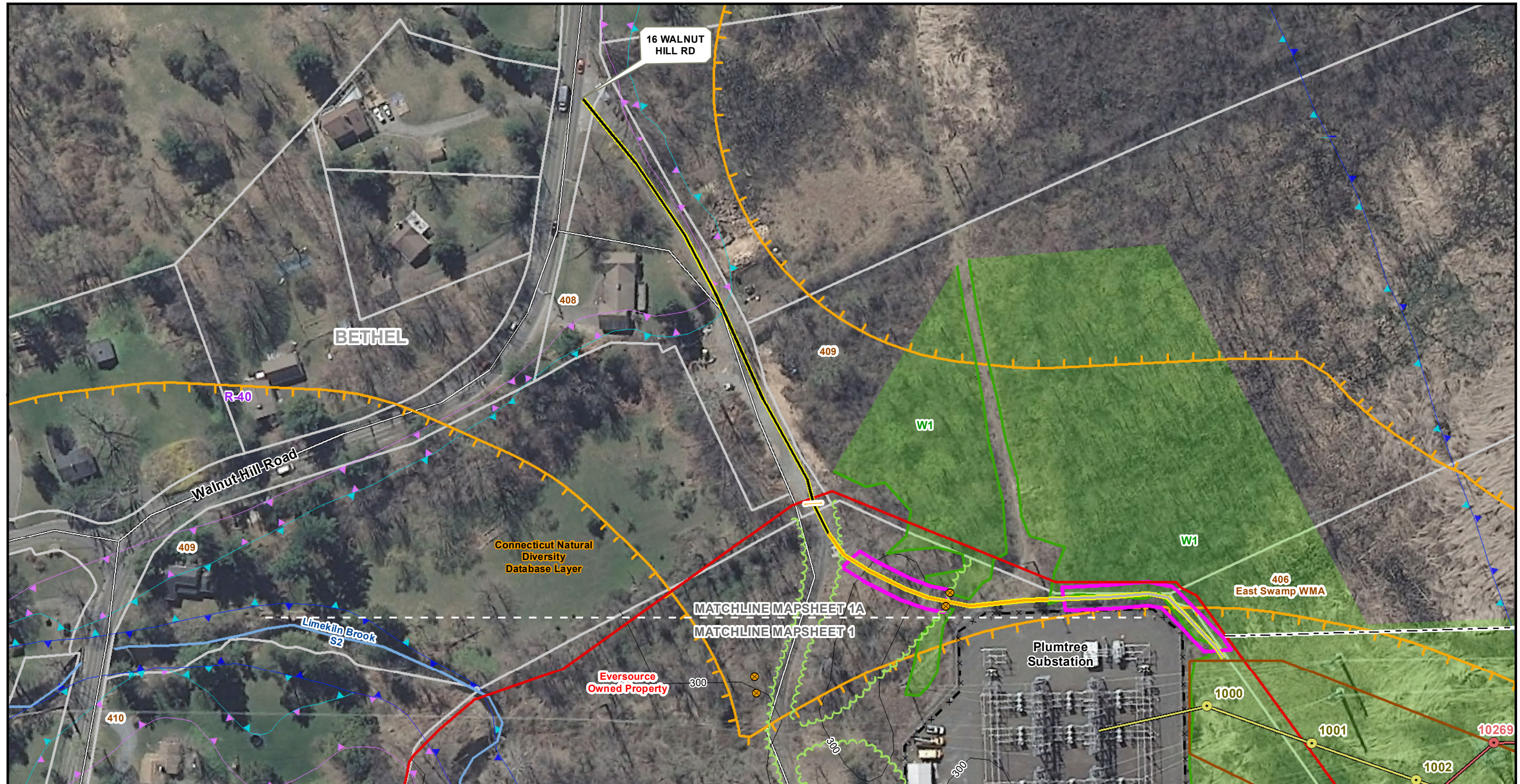
APPENDIX 2B

PROPOSED PROJECT AERIAL MAPS – 100-SCALE

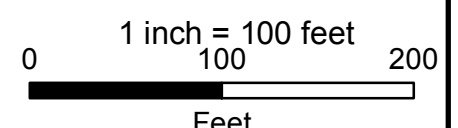
Index

| Mapsheet | Municipalities | Existing 321/1770 Line Structure #s or Facility |
|-----------------|-----------------------|---|
| 1A of 14 | Bethel | Walnut Hill Road to Plumtree Substation |
| 1 of 14 | Bethel | Plumtree Substation, 1000 to 10269 |
| 2 of 14 | Bethel | 10268 to 10267 |
| 3 of 14 | Bethel, Danbury | 10266 to 10265 |
| 4 of 14 | Bethel, Danbury | 10264 |
| 5 of 14 | Danbury | 10263 to 10262 |
| 5A of 14 | Danbury | Danbury Landfill (access from Plumtrees Road to 10263) |
| 5B of 14 | Danbury | Plumtrees Road to Danbury Landfill (access from Plumtrees Road to 10263) |
| 6 of 14 | Danbury | 10261 to 10260 |
| 7 of 14 | Danbury, Bethel | 10259 to 10257 |
| 8 of 14 | Bethel | 10256 |
| 9 of 14 | Bethel | 10255 to 10254 |
| 10 of 14 | Bethel | 10253 to 10252 |
| 11 of 14 | Bethel | 10251 |
| 12 of 14 | Bethel, Brookfield | 10250 to 10249 |
| 13 of 14 | Brookfield | 10248 to 10246 |
| 13A of 14 | Brookfield | Vale Road (access to 10246) |
| 14 | Brookfield | Stony Hill Substation, 4648A*, 4647A*, and 4647B* |

**1770 Line structures only*



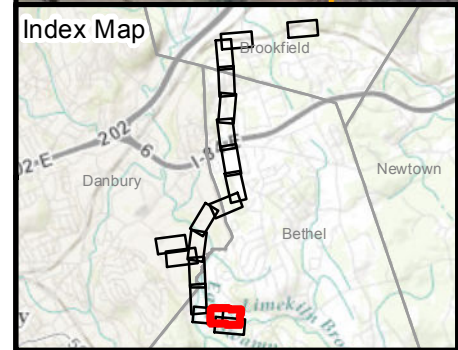
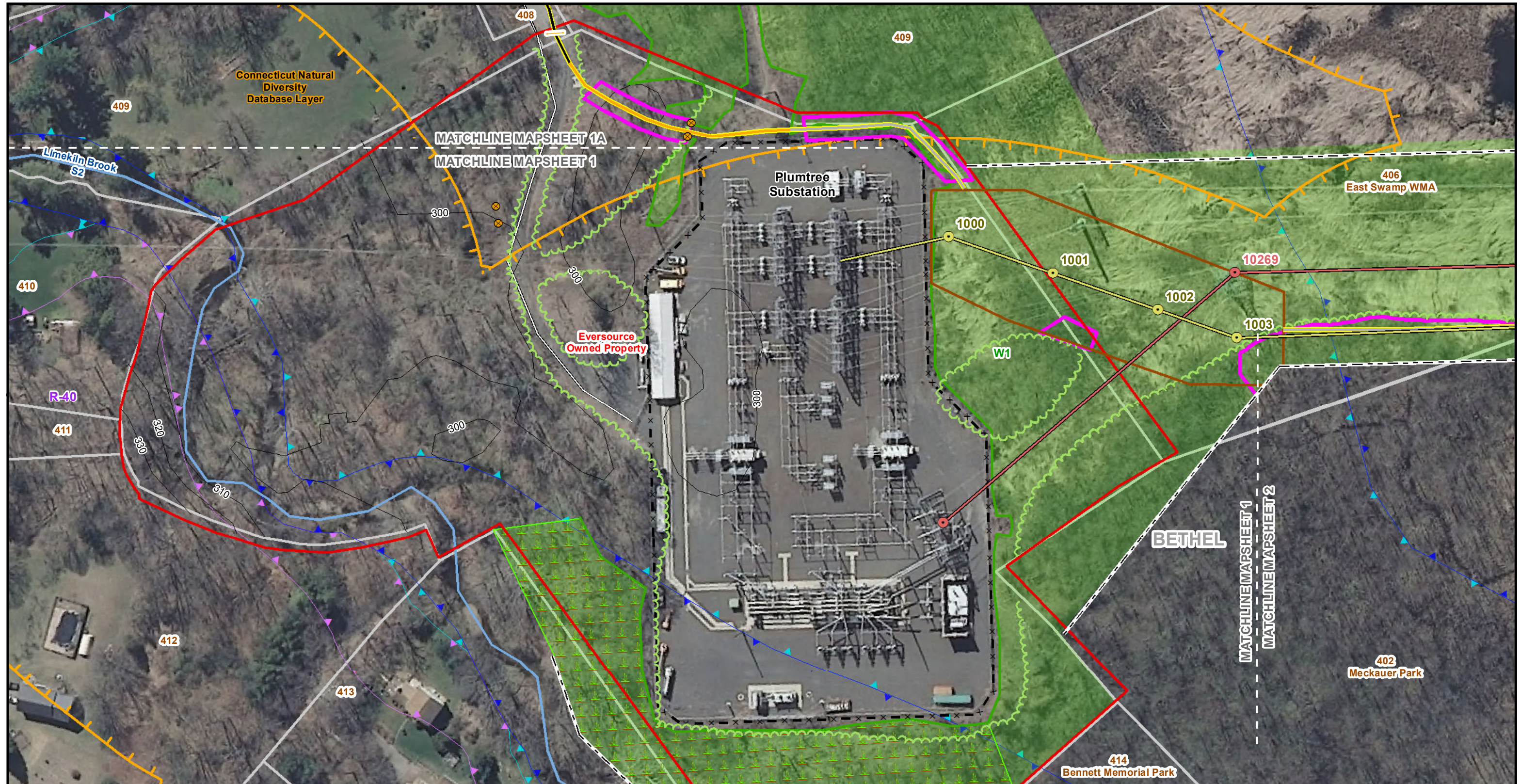
| Legend | |
|--|---|
| ● Existing 321/1770 Line Structure | ● Proposed 1887 Line Structure |
| — Existing 321 Line (Centerline) | — Proposed 115-kV Line (Centerline) |
| - - Right-of-Way (Existing) | — Existing Preferred Access Road |
| — Existing Access Road to be Upgraded/Improved | — New Preferred Access Road |
| — Existing Alternate Access Road | — New Alternate Access Road |
| — Work Pad | — Pull Pad |
| — Wetland Boundary | — Wetland Area |
| — CT Wetland Only | — Estimated Perennial Stream (Centerline) |
| — Field Delineated Intermittent Stream Line | — Field Delineated Perennial Stream Line |
| — Field Delineated Stormwater Conveyance | — Field Delineated Stream |
| — Approximate Gas Pipeline | — Fenceline |
| — Eversource Property | — Parcels |
| — Municipal Boundary | — Access Gate |
| — LIDAR 2000 Contours 10 ft | — FEMA Regulatory Floodway |
| — FEMA 100yr Floodplain | — FEMA 500yr Floodplain |
| — Natural Diversity Database Area (September 2015) | — Critical Habitat Polygon |
| — Edge of Forest | — Culvert |
| — Approx Area of Tree Clearing | — Line List Label |
| — Zoning Code Label | |



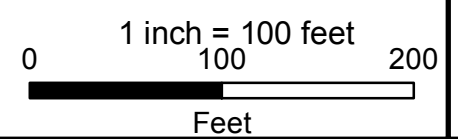
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel, CT
Page 1A of 14

Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data



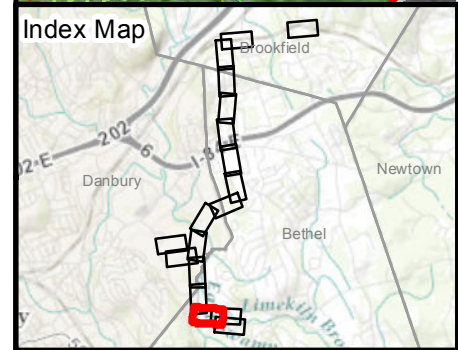
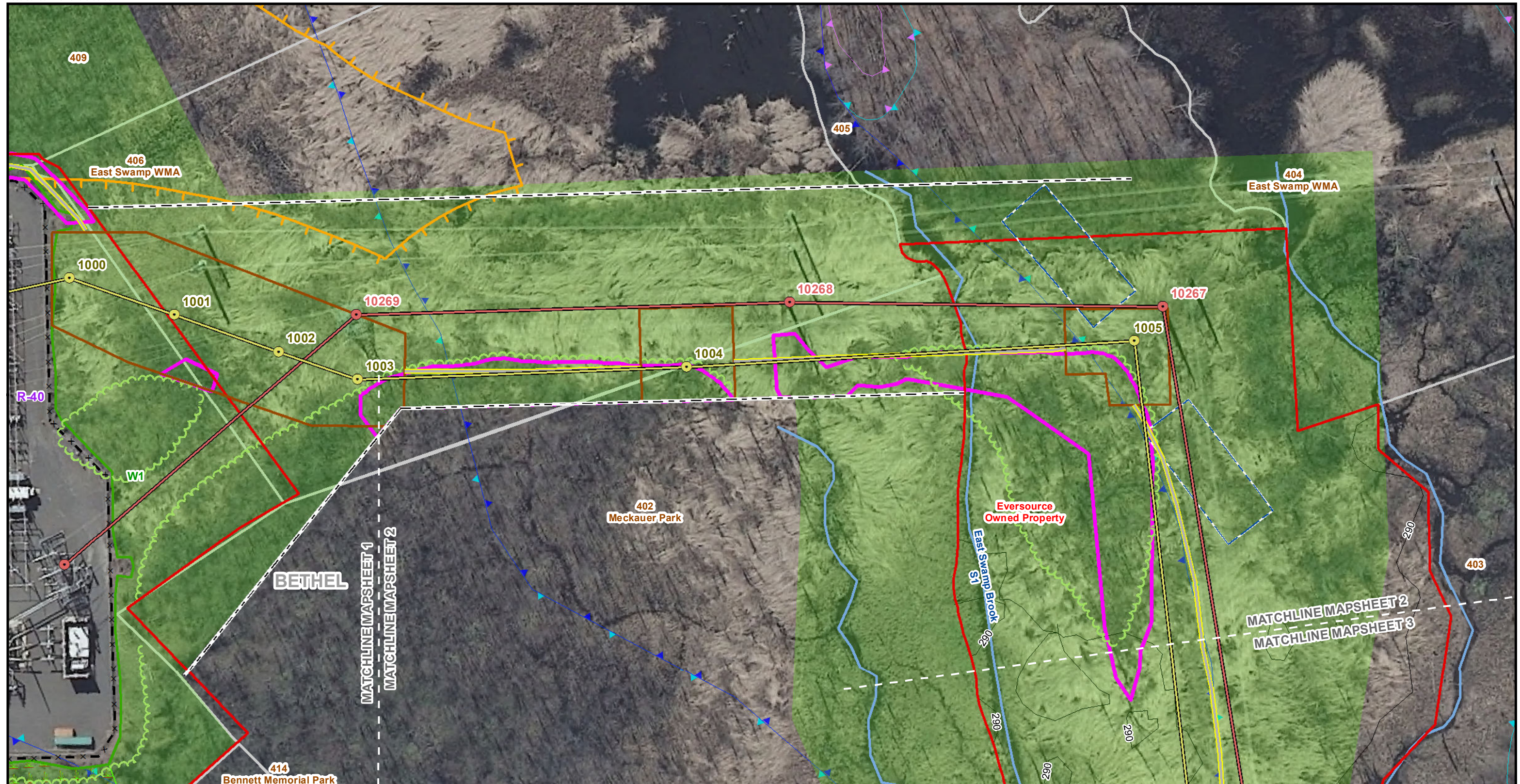
| Legend | | | |
|--|---|--|------------------------------|
| Existing 321/1770 Line Structure | Pull Pad | Eversource Property | Culvert |
| Proposed 1887 Line Structure | Wetland Boundary | Parcels | Edge of Forest |
| Existing 321 Line (Centerline) | Wetland Area | Municipal Boundary | Approx Area of Tree Clearing |
| Proposed 115-kV Line (Centerline) | CT Wetland Only | Access Gate | 100 Line List Label |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) | LIDAR 2000 Contours 10 ft | R-10 Zoning Code Label |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line | FEMA Regulatory Floodway | |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line | FEMA 100yr Floodplain | |
| New Preferred Access Road | Field Delineated Stormwater Conveyance | FEMA 500yr Floodplain | |
| Existing Alternate Access Road | Field Delineated Stream | Natural Diversity Database Area (September 2015) | |
| New Alternate Access Road | Approximate Gas Pipeline | Critical Habitat Polygon | |
| Work Pad | Fenceline | | |



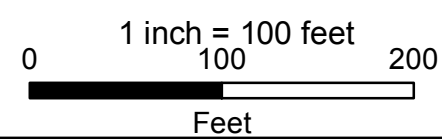
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel, CT
 Page 1 of 14

Source:
 -CT DEEP
 Basemap & Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data



| Legend | | | |
|--|---|--|------------------------------|
| Existing 321/1770 Line Structure | Pull Pad | Eversource Property | Culvert |
| Proposed 1887 Line Structure | Wetland Boundary | Parcels | Edge of Forest |
| Existing 321 Line (Centerline) | Wetland Area | Municipal Boundary | Approx Area of Tree Clearing |
| Proposed 115-kV Line (Centerline) | CT Wetland Only | Access Gate | 100 Line List Label |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) | LIDAR 2000 Contours 10 ft | R-10 Zoning Code Label |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line | FEMA Regulatory Floodway | |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line | FEMA 100yr Floodplain | |
| New Preferred Access Road | Field Delineated Stormwater Conveyance | FEMA 500yr Floodplain | |
| Existing Alternate Access Road | Field Delineated Stream | Natural Diversity Database Area (September 2015) | |
| New Alternate Access Road | Approximate Gas Pipeline | Critical Habitat Polygon | |
| Work Pad | Fenceline | | |



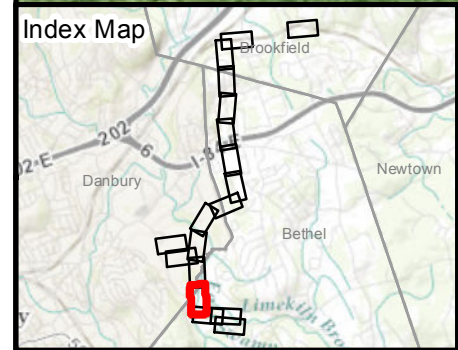
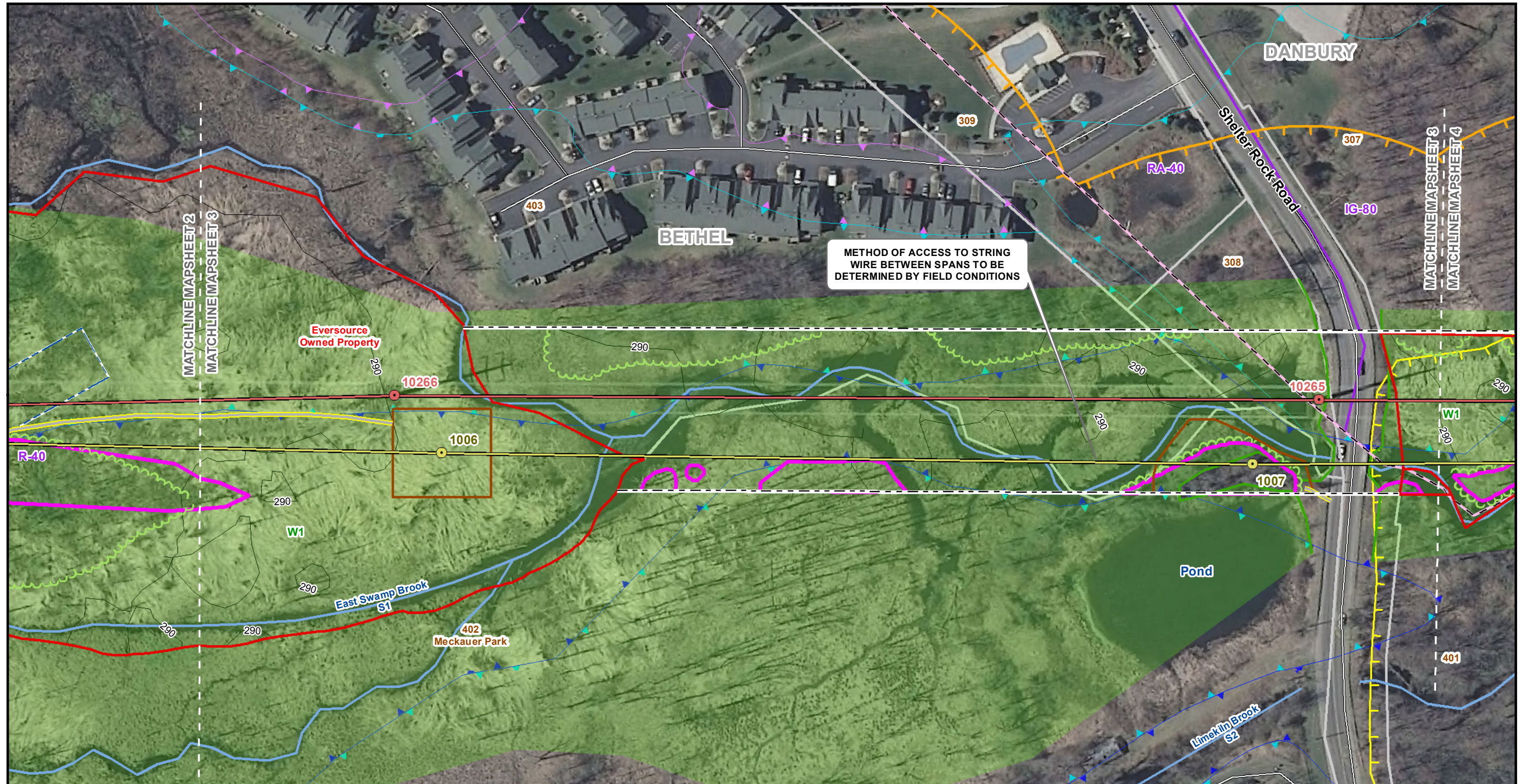
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel, CT
Page 2 of 14

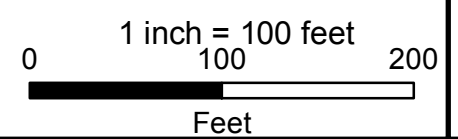
Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data

EVERSOURCE

BSC GROUP



| Legend | |
|--|---|
| ● Existing 321/1770 Line Structure | ■ Pull Pad |
| ● Proposed 1887 Line Structure | ■ Wetland Boundary |
| — Existing 321 Line (Centerline) | ■ Wetland Area |
| — Proposed 115-kV Line (Centerline) | ■ CT Wetland Only |
| — Right-of-Way (Existing) | — Estimated Perennial Stream (Centerline) |
| — Existing Preferred Access Road | — Field Delineated Intermittent Stream Line |
| — Existing Access Road to be Upgraded/Improved | — Field Delineated Perennial Stream Line |
| — New Preferred Access Road | — Field Delineated Stormwater Conveyance |
| — Existing Alternate Access Road | — Field Delineated Stream |
| — New Alternate Access Road | — Approximate Gas Pipeline |
| ■ Work Pad | — Fenceline |
| ■ Eversource Property | ● Culvert |
| ■ Parcels | — Edge of Forest |
| ■ Municipal Boundary | ■ Approx Area of Tree Clearing |
| — Access Gate | 100 Line List Label |
| — LIDAR 2000 Contours 10 ft | R-10 Zoning Code Label |
| — FEMA Regulatory Floodway | |
| — FEMA 100yr Floodplain | |
| — FEMA 500yr Floodplain | |
| — Natural Diversity Database Area (September 2015) | |
| ■ Critical Habitat Polygon | |



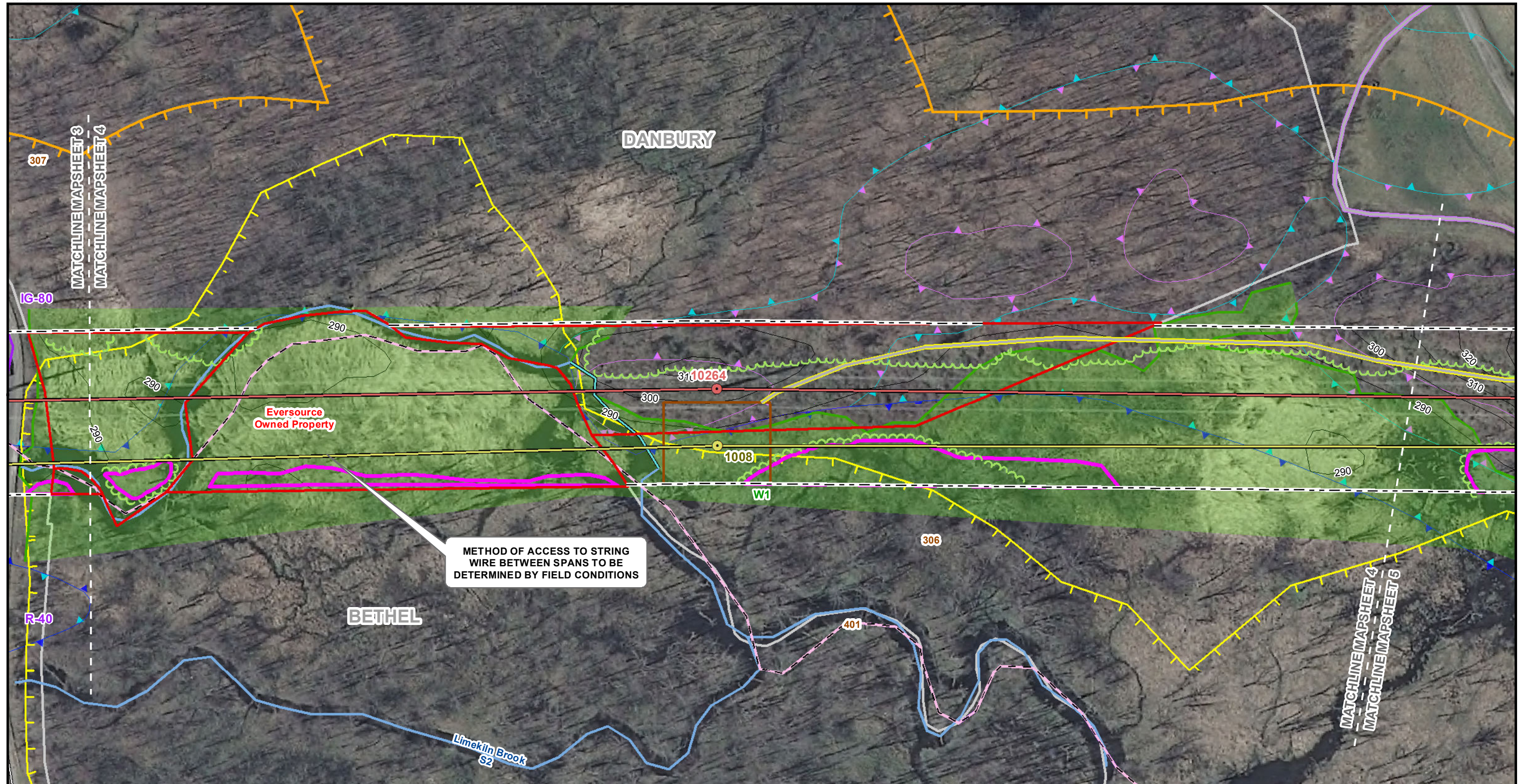
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel & Danbury, CT
 Page 3 of 14

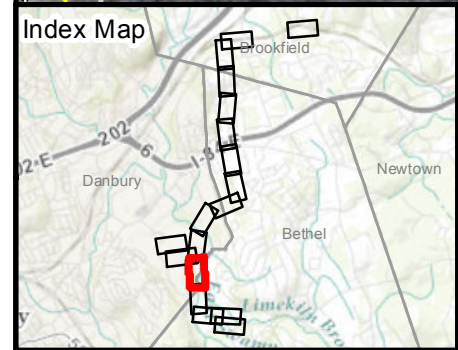
Source:
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 Basemap & Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data

EVERSOURCE

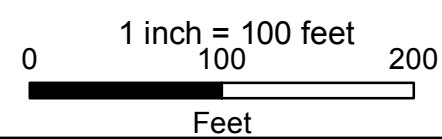
BSC GROUP



METHOD OF ACCESS TO STRING WIRE BETWEEN SPANS TO BE DETERMINED BY FIELD CONDITIONS



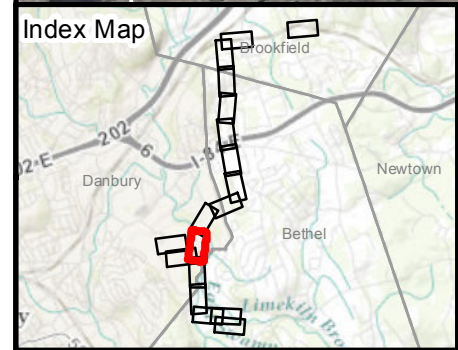
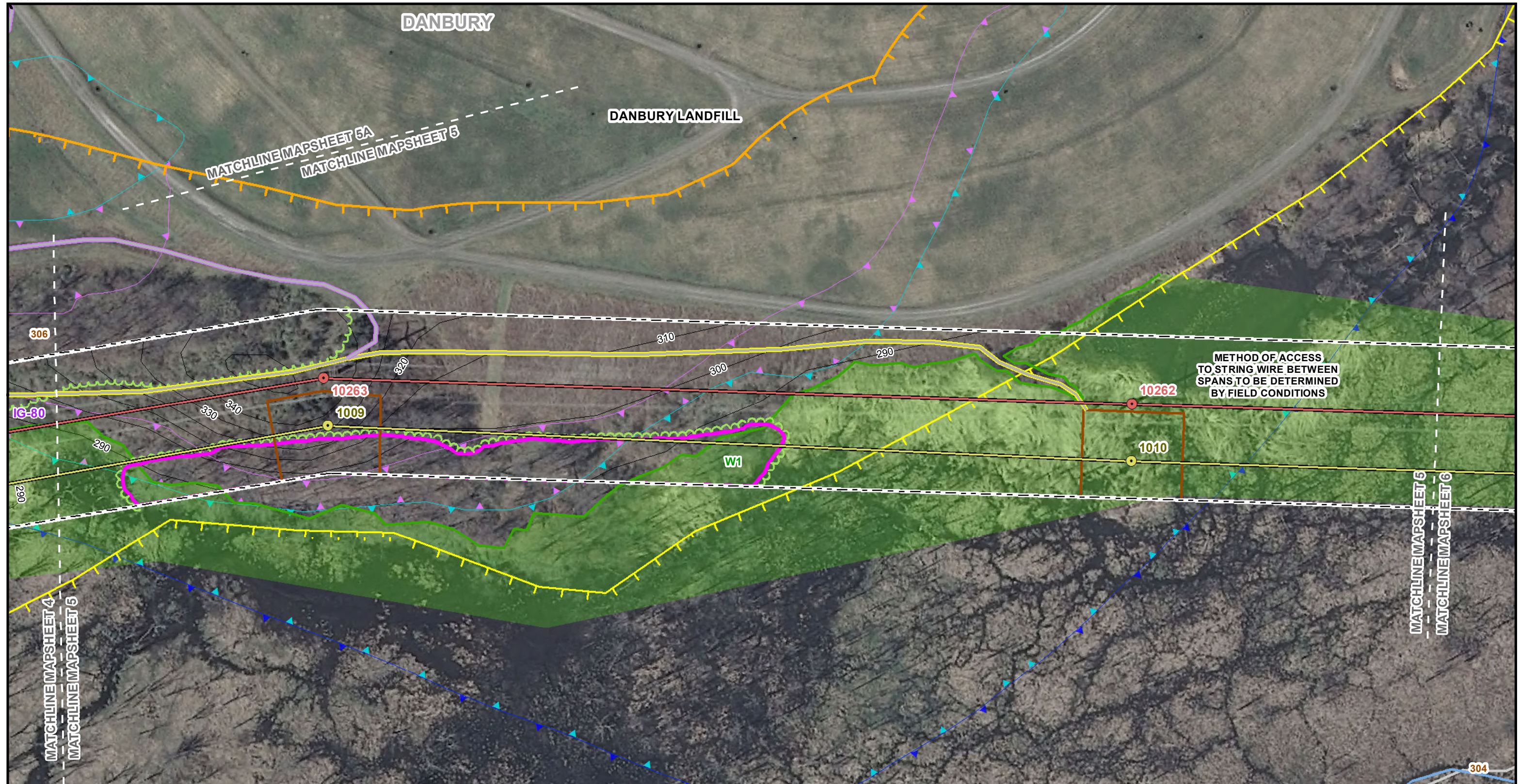
| Legend | | | |
|--|---|--|------------------------------|
| Existing 321/1770 Line Structure | Pull Pad | Eversource Property | Culvert |
| Proposed 1887 Line Structure | Wetland Boundary | Parcels | Edge of Forest |
| Existing 321 Line (Centerline) | Wetland Area | Municipal Boundary | Approx Area of Tree Clearing |
| Proposed 115-kV Line (Centerline) | CT Wetland Only | Access Gate | Line List Label |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) | LIDAR 2000 Contours 10 ft | Zoning Code Label |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line | FEMA Regulatory Floodway | |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line | FEMA 100yr Floodplain | |
| New Preferred Access Road | Field Delineated Stormwater Conveyance | FEMA 500yr Floodplain | |
| Existing Alternate Access Road | Field Delineated Stream | Natural Diversity Database Area (September 2015) | |
| New Alternate Access Road | Approximate Gas Pipeline | Critical Habitat Polygon | |
| Work Pad | Fenceline | | |



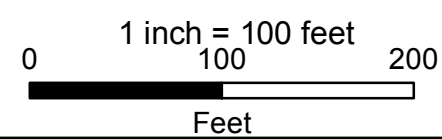
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel & Danbury, CT
 Page 4 of 14

Source: -CT DEEP Basemap & Environmental Data, Aerial & Topo Imagery -BSC Group, Inc. Field Delineated Data



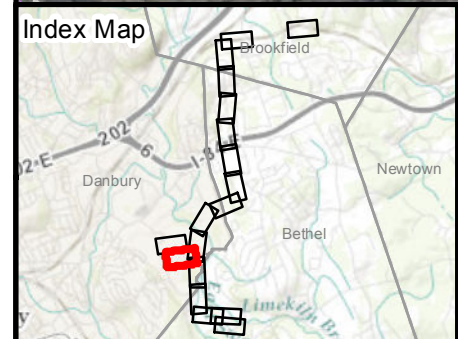
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| Existing 321/1770 Line Structure | Pull Pad |
| Proposed 1887 Line Structure | Wetland Boundary |
| Existing 321 Line (Centerline) | Wetland Area |
| Proposed 115-kV Line (Centerline) | CT Wetland Only |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line |
| New Preferred Access Road | Field Delineated Stormwater Conveyance |
| Existing Alternate Access Road | Field Delineated Stream |
| New Alternate Access Road | Approximate Gas Pipeline |
| Work Pad | Fenceline |
| Eversource Property | Eversource Property |
| Parcels | Municipal Boundary |
| Municipal Boundary | Access Gate |
| Access Gate | LIDAR 2000 Contours 10 ft |
| FEMA Regulatory Floodway | FEMA 100yr Floodplain |
| FEMA 100yr Floodplain | FEMA 500yr Floodplain |
| FEMA 500yr Floodplain | Natural Diversity Database Area (September 2015) |
| Natural Diversity Database Area (September 2015) | Critical Habitat Polygon |
| Critical Habitat Polygon | Culvert |
| Culvert | Edge of Forest |
| Edge of Forest | Approx Area of Tree Clearing |
| Approx Area of Tree Clearing | Line List Label |
| Line List Label | Zoning Code Label |
| Zoning Code Label | |



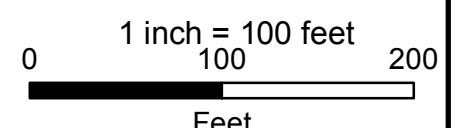
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Danbury, CT
 Page 5 of 14

Source:
 -CT DEEP
 Basemap & Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data



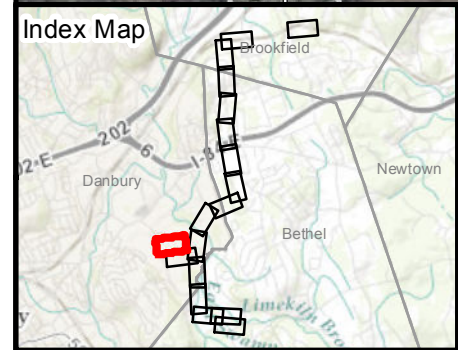
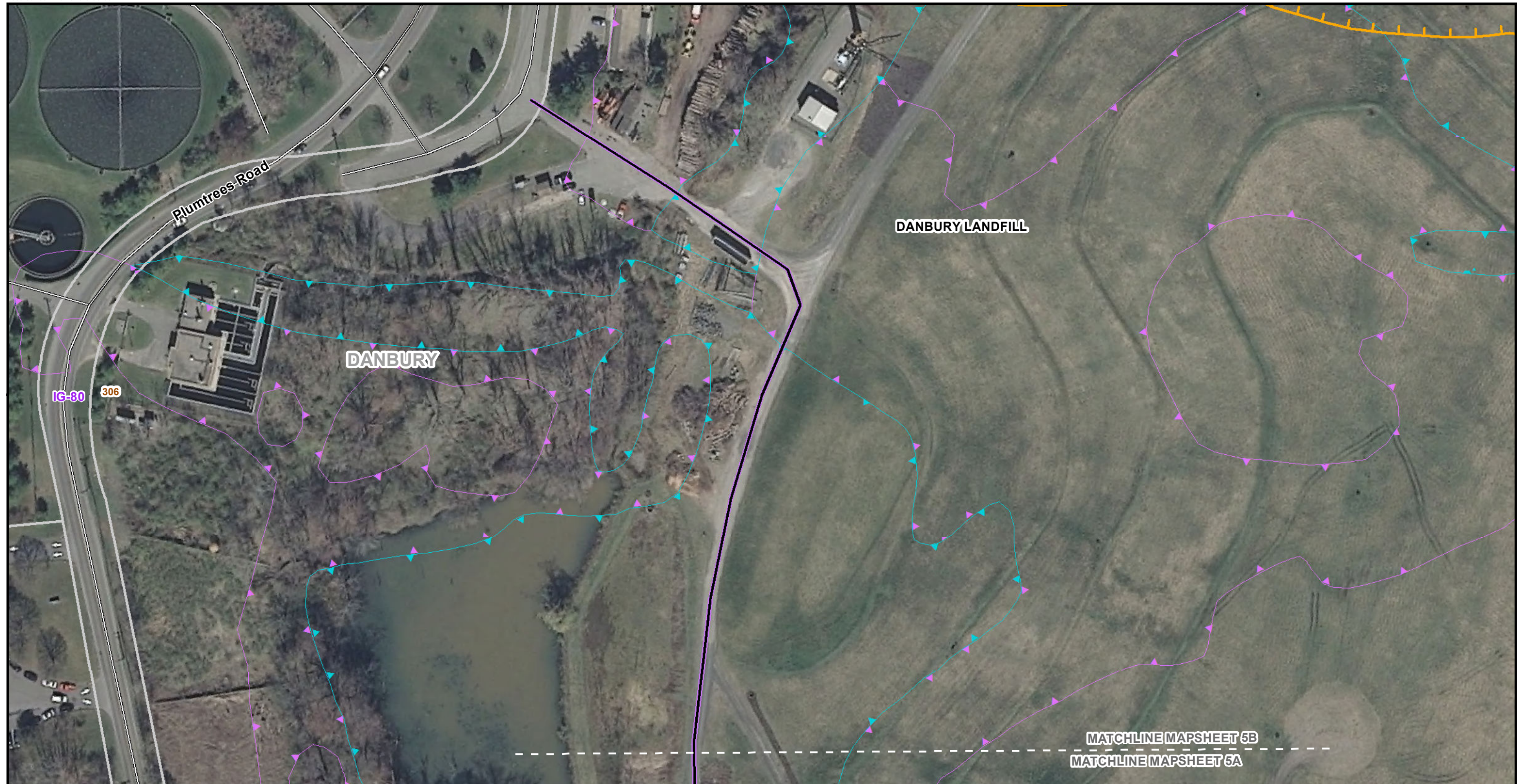
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| Existing 321/1770 Line Structure | Pull Pad |
| Proposed 1887 Line Structure | Wetland Boundary |
| Existing 321 Line (Centerline) | Wetland Area |
| Proposed 115-kV Line (Centerline) | CT Wetland Only |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line |
| New Preferred Access Road | Field Delineated Stormwater Conveyance |
| Existing Alternate Access Road | Field Delineated Stream |
| New Alternate Access Road | Approximate Gas Pipeline |
| Work Pad | Fenceline |
| Eversource Property | Parcels |
| Municipal Boundary | Access Gate |
| LIDAR 2000 Contours 10 ft | FEMA Regulatory Floodway |
| FEMA 100yr Floodplain | FEMA 500yr Floodplain |
| Natural Diversity Database Area (September 2015) | Critical Habitat Polygon |
| Culvert | Edge of Forest |
| Approx Area of Tree Clearing | Line List Label |
| R-10 Zoning Code Label | |



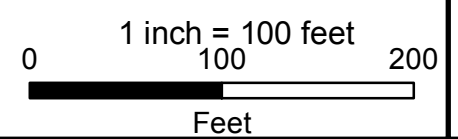
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Danbury, CT
 Page 5A of 14

Source:
 -CT DEEP
 Basemap & Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data



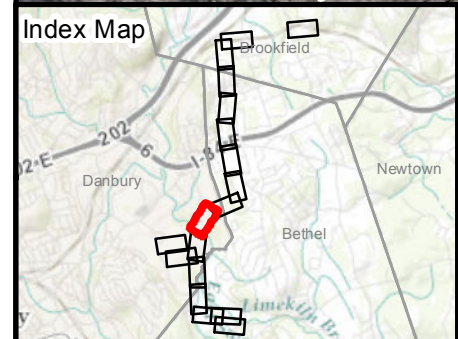
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| Existing 321/1770 Line Structure | Pull Pad |
| Proposed 1887 Line Structure | Wetland Boundary |
| Existing 321 Line (Centerline) | Wetland Area |
| Proposed 115-kV Line (Centerline) | CT Wetland Only |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line |
| New Preferred Access Road | Field Delineated Stormwater Conveyance |
| Existing Alternate Access Road | Field Delineated Stream |
| New Alternate Access Road | Approximate Gas Pipeline |
| Work Pad | Fenceline |
| Eversource Property | Municipal Boundary |
| Parcels | Access Gate |
| Municipal Boundary | LIDAR 2000 Contours 10 ft |
| Access Gate | FEMA Regulatory Floodway |
| Culvert | FEMA 100yr Floodplain |
| Edge of Forest | FEMA 500yr Floodplain |
| Approx Area of Tree Clearing | Natural Diversity Database Area (September 2015) |
| Line List Label | Critical Habitat Polygon |
| Zoning Code Label | |



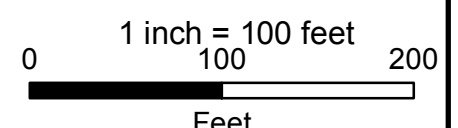
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Danbury, CT
 Page 5B of 14

Source:
 -CT DEEP
 Basemap & Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data



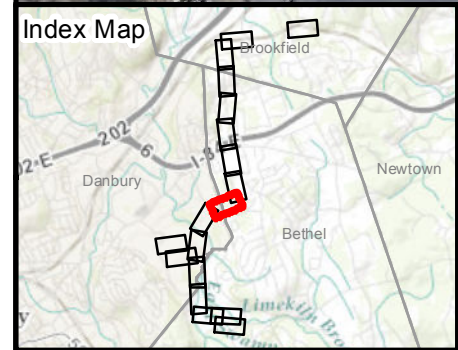
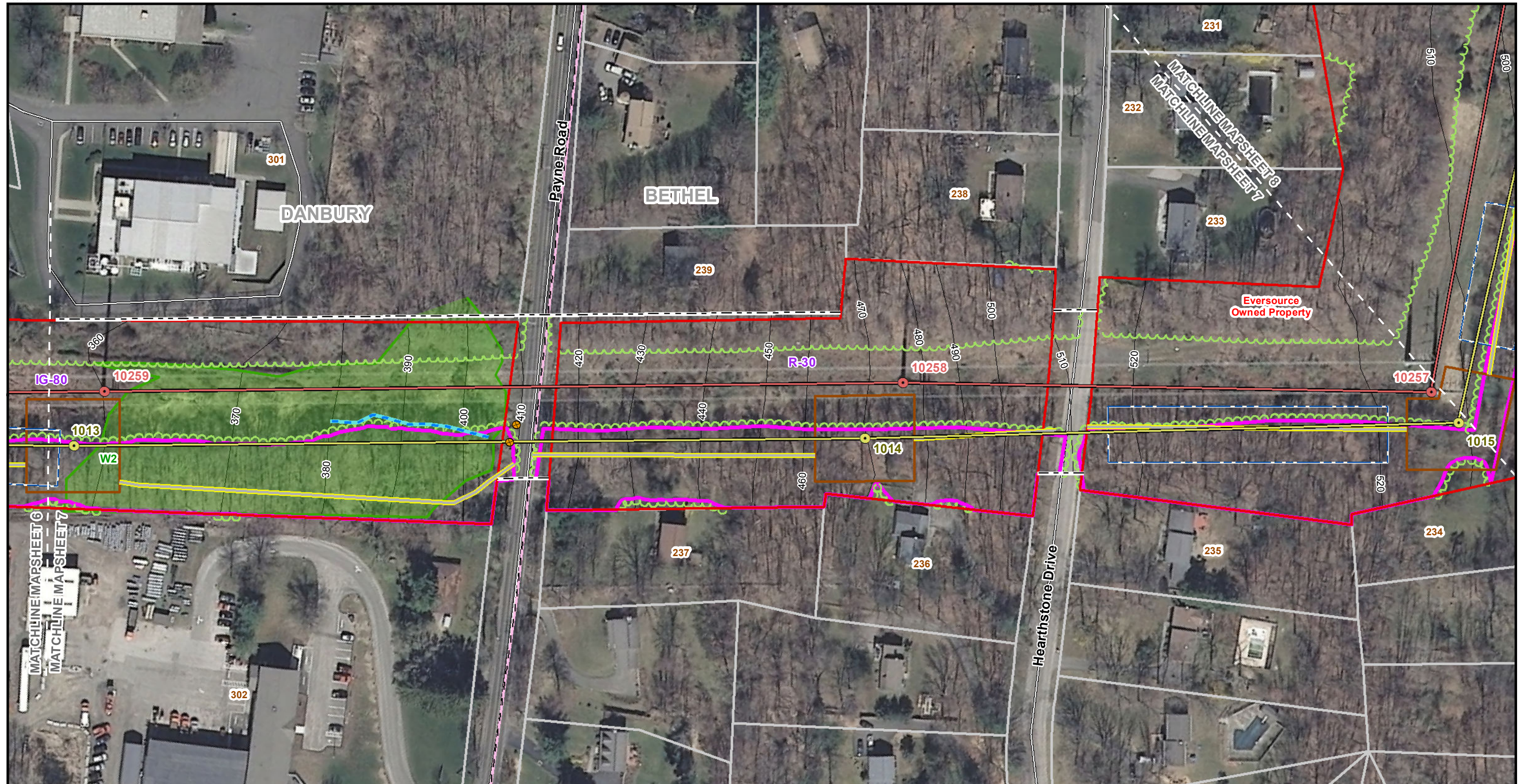
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| ● Existing 321/1770 Line Structure | ● Proposed 1887 Line Structure |
| — Existing 321 Line (Centerline) | — Proposed 115-kV Line (Centerline) |
| - - Right-of-Way (Existing) | — Existing Preferred Access Road |
| — Existing Access Road to be Upgraded/Improved | — New Preferred Access Road |
| — Existing Alternate Access Road | — New Alternate Access Road |
| □ Work Pad | □ Pull Pad |
| □ Wetland Boundary | □ Wetland Area |
| □ CT Wetland Only | — Estimated Perennial Stream (Centerline) |
| — Field Delineated Intermittent Stream Line | — Field Delineated Perennial Stream Line |
| — Field Delineated Stormwater Conveyance | — Field Delineated Stream |
| — Approximate Gas Pipeline | — Fenceline |
| □ Eversource Property | □ Parcels |
| □ Municipal Boundary | — Access Gate |
| — LIDAR 2000 Contours 10 ft | — FEMA Regulatory Floodway |
| — FEMA 100yr Floodplain | — FEMA 500yr Floodplain |
| — Natural Diversity Database Area (September 2015) | — Critical Habitat Polygon |
| ● Culvert | — Edge of Forest |
| □ Approx Area of Tree Clearing | ● 100 Line List Label |
| ● R-10 Zoning Code Label | |



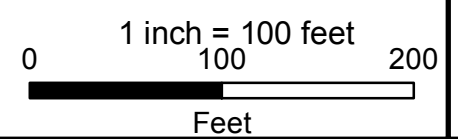
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Danbury, CT
 Page 6 of 14

Source:
 -CT DEEP
 Basemap & Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data



| Legend | |
|--|---|
| Existing 321/1770 Line Structure | Pull Pad |
| Proposed 1887 Line Structure | Wetland Boundary |
| Existing 321 Line (Centerline) | Wetland Area |
| Proposed 115-kV Line (Centerline) | CT Wetland Only |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line |
| New Preferred Access Road | Field Delineated Stormwater Conveyance |
| Existing Alternate Access Road | Field Delineated Stream |
| New Alternate Access Road | Approximate Gas Pipeline |
| Work Pad | Fenceline |
| Eversource Property | Parcels |
| Municipal Boundary | Access Gate |
| LIDAR 2000 Contours 10 ft | Culvert |
| FEMA Regulatory Floodway | Edge of Forest |
| FEMA 100yr Floodplain | Approx Area of Tree Clearing |
| FEMA 500yr Floodplain | 100 Line List Label |
| Natural Diversity Database Area (September 2015) | R-10 Zoning Code Label |
| Critical Habitat Polygon | |



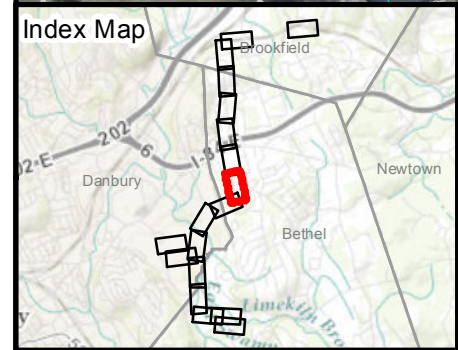
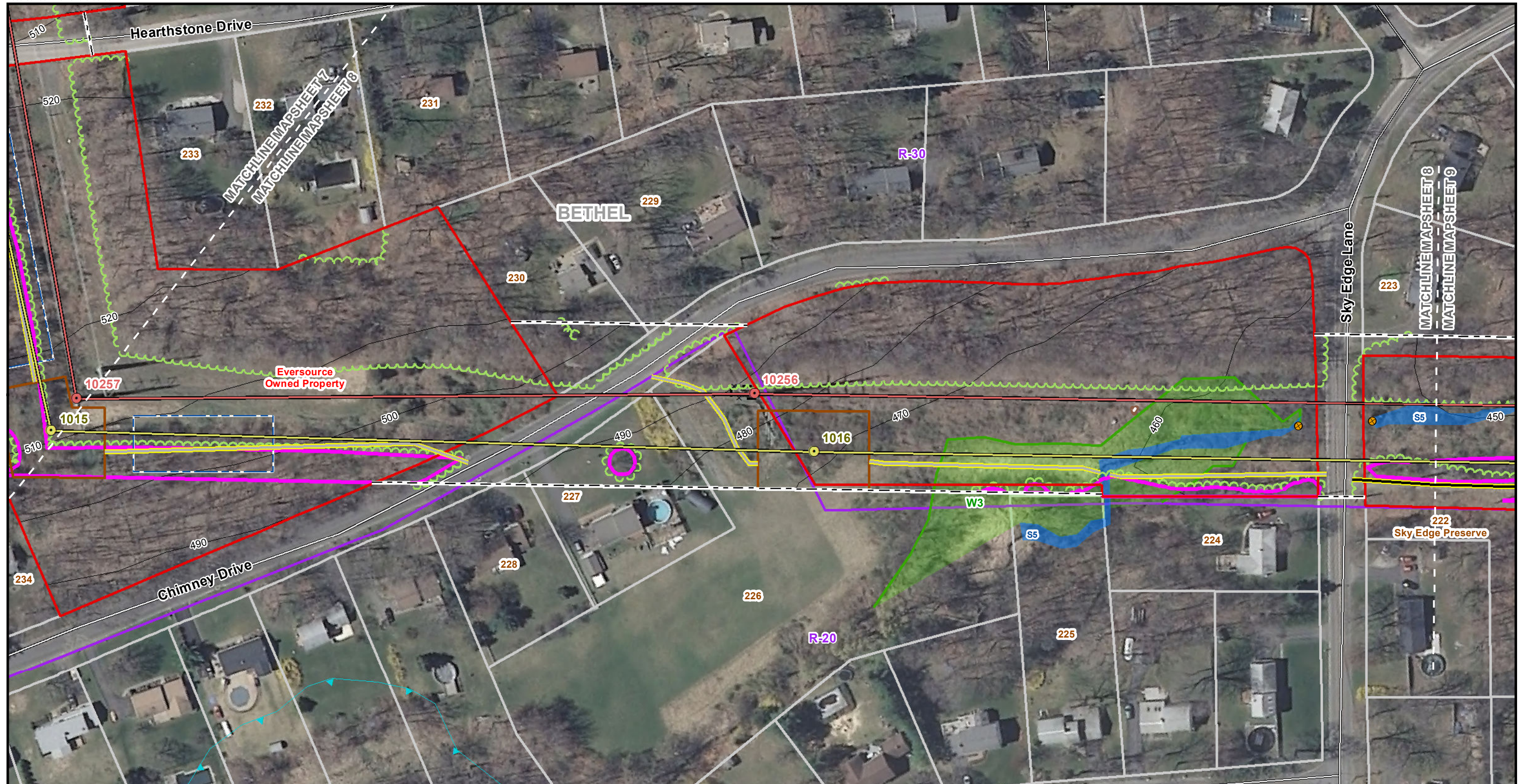
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Danbury & Bethel, CT
 Page 7 of 14

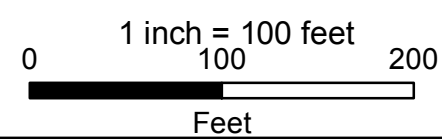
Source:
 -CT DEEP
 Basemap & Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data

EVERSOURCE

BSC GROUP



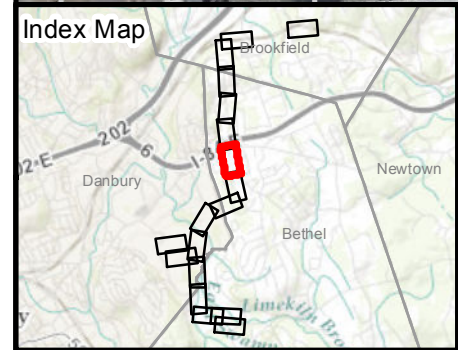
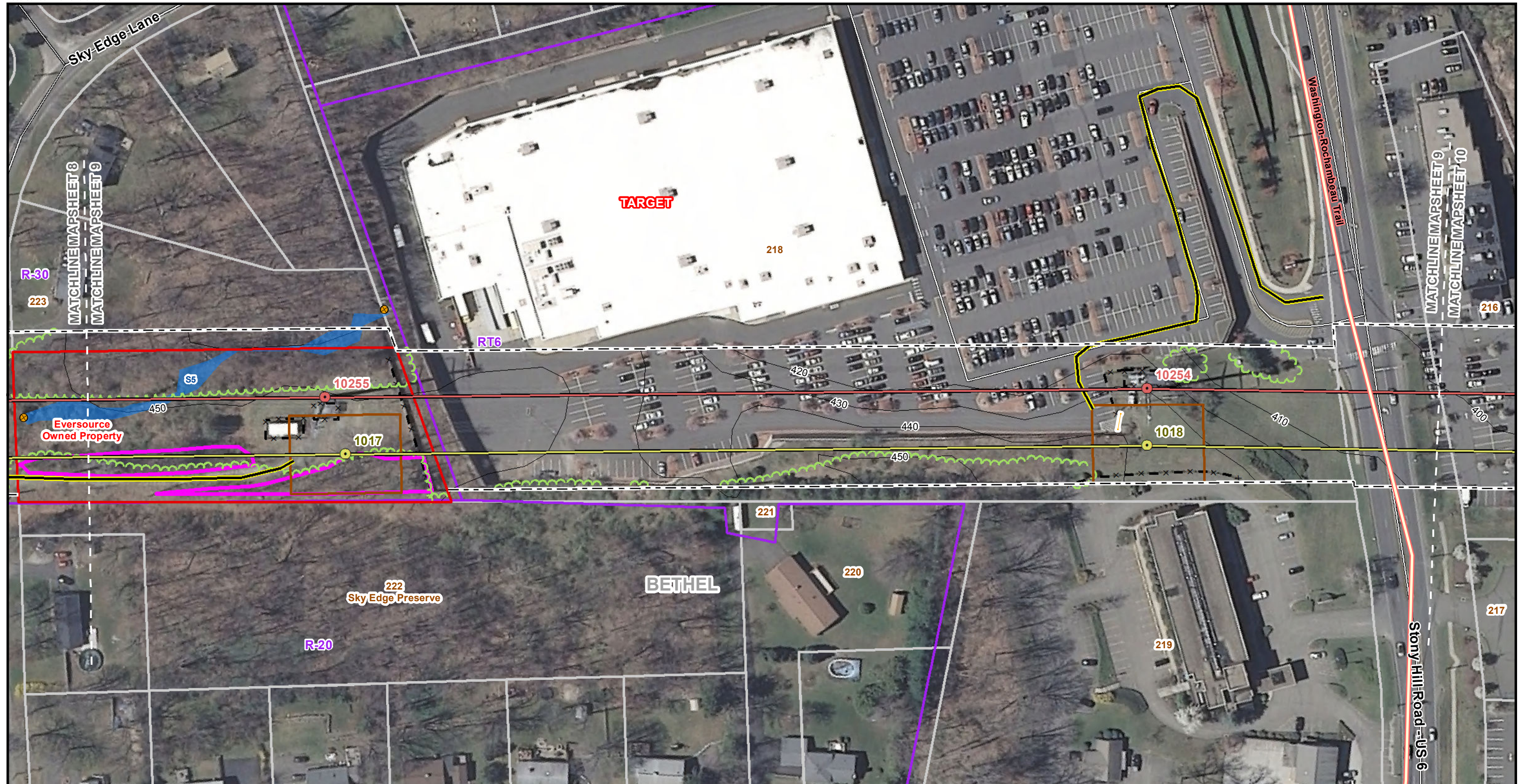
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|--|---|--|------------------------------|
| Existing 321/1770 Line Structure | Pull Pad | Eversource Property | Culvert |
| Proposed 1887 Line Structure | Wetland Boundary | Parcels | Edge of Forest |
| Existing 321 Line (Centerline) | Wetland Area | Municipal Boundary | Approx Area of Tree Clearing |
| Proposed 115-kV Line (Centerline) | CT Wetland Only | Access Gate | 100 Line List Label |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) | LIDAR 2000 Contours 10 ft | R-10 Zoning Code Label |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line | FEMA Regulatory Floodway | |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line | FEMA 100yr Floodplain | |
| New Preferred Access Road | Field Delineated Stormwater Conveyance | FEMA 500yr Floodplain | |
| Existing Alternate Access Road | Field Delineated Stream | Natural Diversity Database Area (September 2015) | |
| New Alternate Access Road | Approximate Gas Pipeline | Critical Habitat Polygon | |
| Work Pad | Fenceline | | |



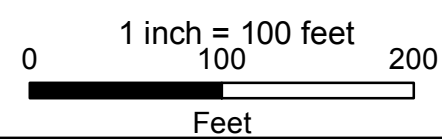
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel, CT
Page 8 of 14

Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data



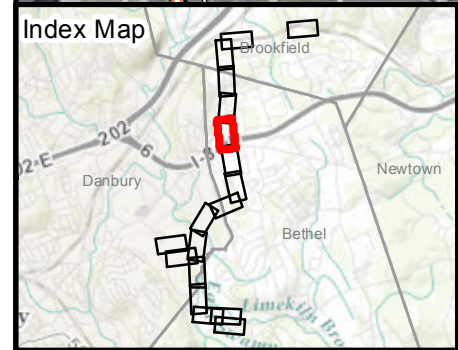
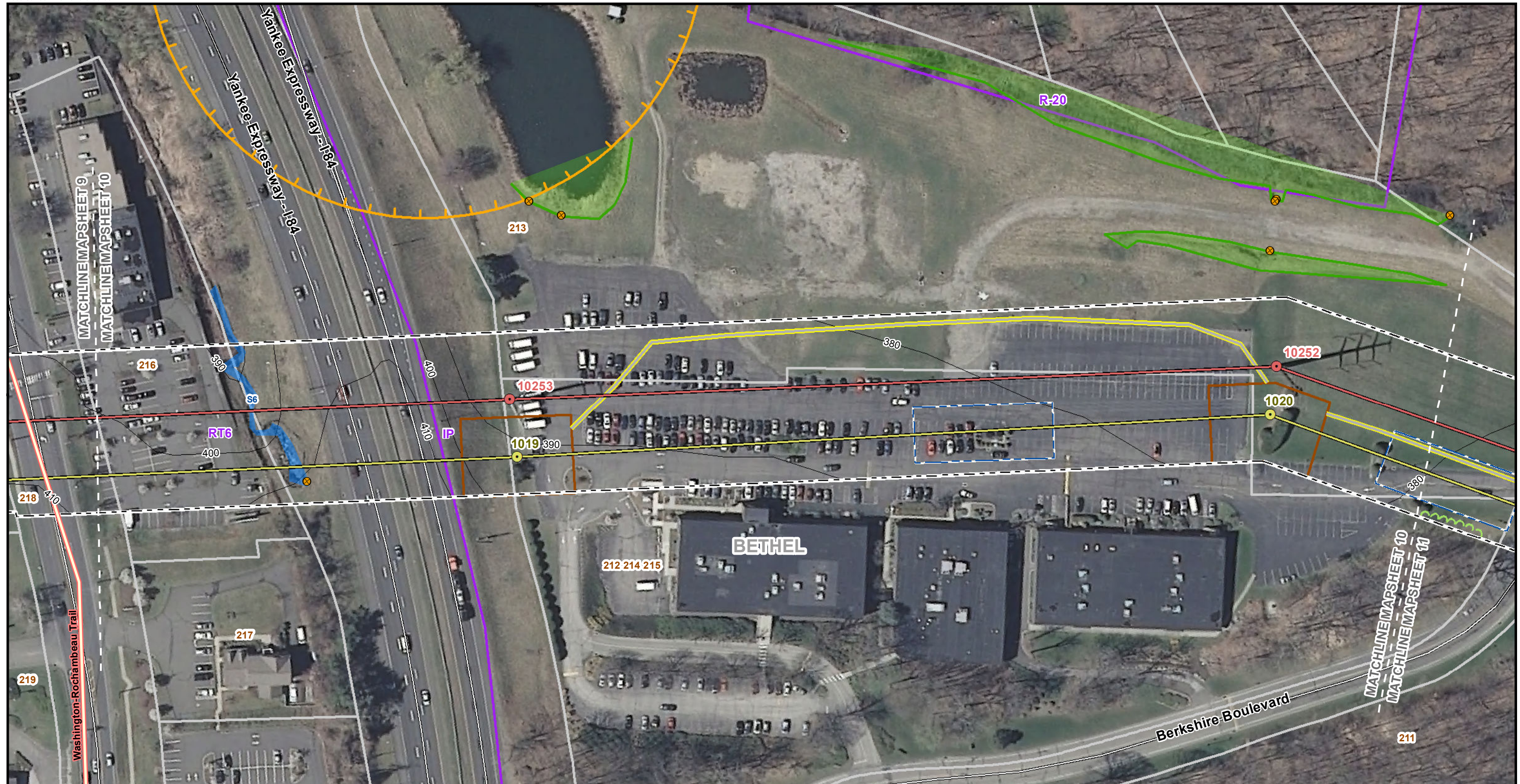
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| ● Existing 321/1770 Line Structure | Pull Pad | Eversource Property | Culvert |
| ● Proposed 1887 Line Structure | Wetland Boundary | Parcels | Edge of Forest |
| Existing 321 Line (Centerline) | Wetland Area | Municipal Boundary | Approx Area of Tree Clearing |
| Proposed 115-kV Line (Centerline) | CT Wetland Only | Access Gate | 100 Line List Label |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) | LIDAR 2000 Contours 10 ft | R-10 Zoning Code Label |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line | FEMA Regulatory Floodway | |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line | FEMA 100yr Floodplain | |
| New Preferred Access Road | Field Delineated Stormwater Conveyance | FEMA 500yr Floodplain | |
| Existing Alternate Access Road | Field Delineated Stream | Natural Diversity Database Area (September 2015) | |
| New Alternate Access Road | Approximate Gas Pipeline | Critical Habitat Polygon | |
| Work Pad | Fenceline | | |



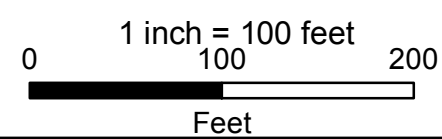
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel, CT
Page 9 of 14

Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data



| Legend | |
|--------|--|
| | Existing 321/1770 Line Structure |
| | Proposed 1887 Line Structure |
| | Existing 321 Line (Centerline) |
| | Proposed 115-kV Line (Centerline) |
| | Right-of-Way (Existing) |
| | Existing Preferred Access Road |
| | Existing Access Road to be Upgraded/Improved |
| | New Preferred Access Road |
| | Existing Alternate Access Road |
| | New Alternate Access Road |
| | Work Pad |
| | Pull Pad |
| | Wetland Boundary |
| | Wetland Area |
| | CT Wetland Only |
| | Estimated Perennial Stream (Centerline) |
| | Field Delineated Intermittent Stream Line |
| | Field Delineated Perennial Stream Line |
| | Field Delineated Stormwater Conveyance |
| | Field Delineated Stream |
| | Approximate Gas Pipeline |
| | Fenceline |
| | Eversource Property |
| | Parcels |
| | Municipal Boundary |
| | Access Gate |
| | LIDAR 2000 Contours 10 ft |
| | FEMA Regulatory Floodway |
| | FEMA 100yr Floodplain |
| | FEMA 500yr Floodplain |
| | Natural Diversity Database Area (September 2015) |
| | Critical Habitat Polygon |
| | Culvert |
| | Edge of Forest |
| | Approx Area of Tree Clearing |
| | Line List Label |
| | Zoning Code Label |

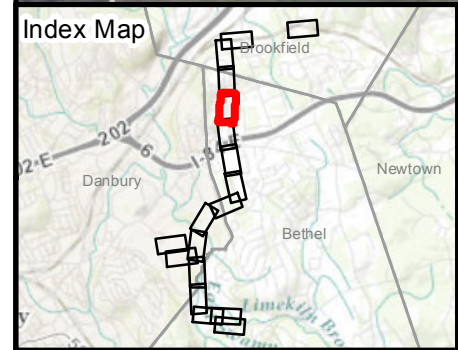
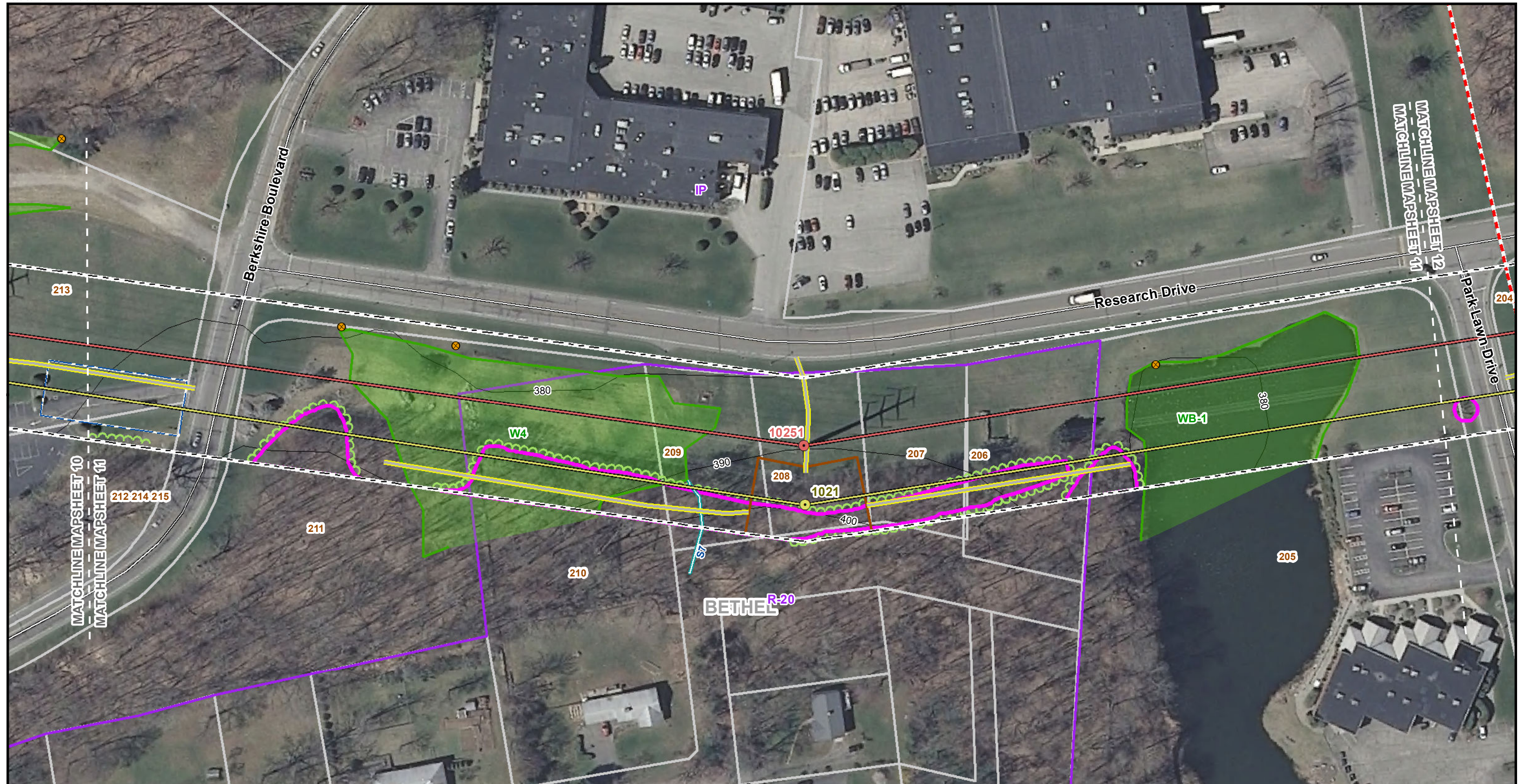


SOUTHWEST CONNECTICUT RELIABILITY PROJECT

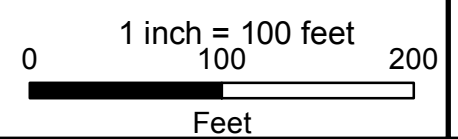
Bethel, CT
Page 10 of 14

Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data





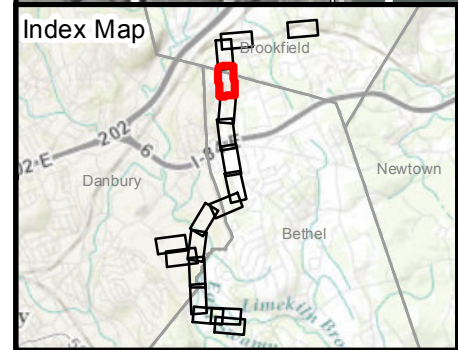
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| Existing 321/1770 Line Structure | Pull Pad |
| Proposed 1887 Line Structure | Wetland Boundary |
| Existing 321 Line (Centerline) | Wetland Area |
| Proposed 115-kV Line (Centerline) | CT Wetland Only |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line |
| New Preferred Access Road | Field Delineated Stormwater Conveyance |
| Existing Alternate Access Road | Field Delineated Stream |
| New Alternate Access Road | Approximate Gas Pipeline |
| Work Pad | Fenceline |
| Eversource Property | Municipal Boundary |
| Parcels | Access Gate |
| LIDAR 2000 Contours 10 ft | FEMA Regulatory Floodway |
| FEMA 100yr Floodplain | FEMA 500yr Floodplain |
| FEMA 500yr Floodplain | Natural Diversity Database Area (September 2015) |
| Natural Diversity Database Area (September 2015) | Critical Habitat Polygon |
| Critical Habitat Polygon | Culvert |
| Edge of Forest | Approx Area of Tree Clearing |
| Approx Area of Tree Clearing | Line List Label |
| Line List Label | Zoning Code Label |
| Zoning Code Label | |



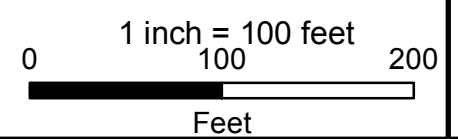
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel, CT
Page 11 of 14

Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data



| Legend | | | |
|--|---|--|------------------------------|
| Existing 321/1770 Line Structure | Pull Pad | Eversource Property | Culvert |
| Proposed 1887 Line Structure | Wetland Boundary | Parcels | Edge of Forest |
| Existing 321 Line (Centerline) | Wetland Area | Municipal Boundary | Approx Area of Tree Clearing |
| Proposed 115-kV Line (Centerline) | CT Wetland Only | Access Gate | Line List Label |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) | LIDAR 2000 Contours 10 ft | Zoning Code Label |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line | FEMA Regulatory Floodway | |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line | FEMA 100yr Floodplain | |
| New Preferred Access Road | Field Delineated Stormwater Conveyance | FEMA 500yr Floodplain | |
| Existing Alternate Access Road | Field Delineated Stream | Natural Diversity Database Area (September 2015) | |
| New Alternate Access Road | Approximate Gas Pipeline | Critical Habitat Polygon | |
| Work Pad | Fenceline | | |



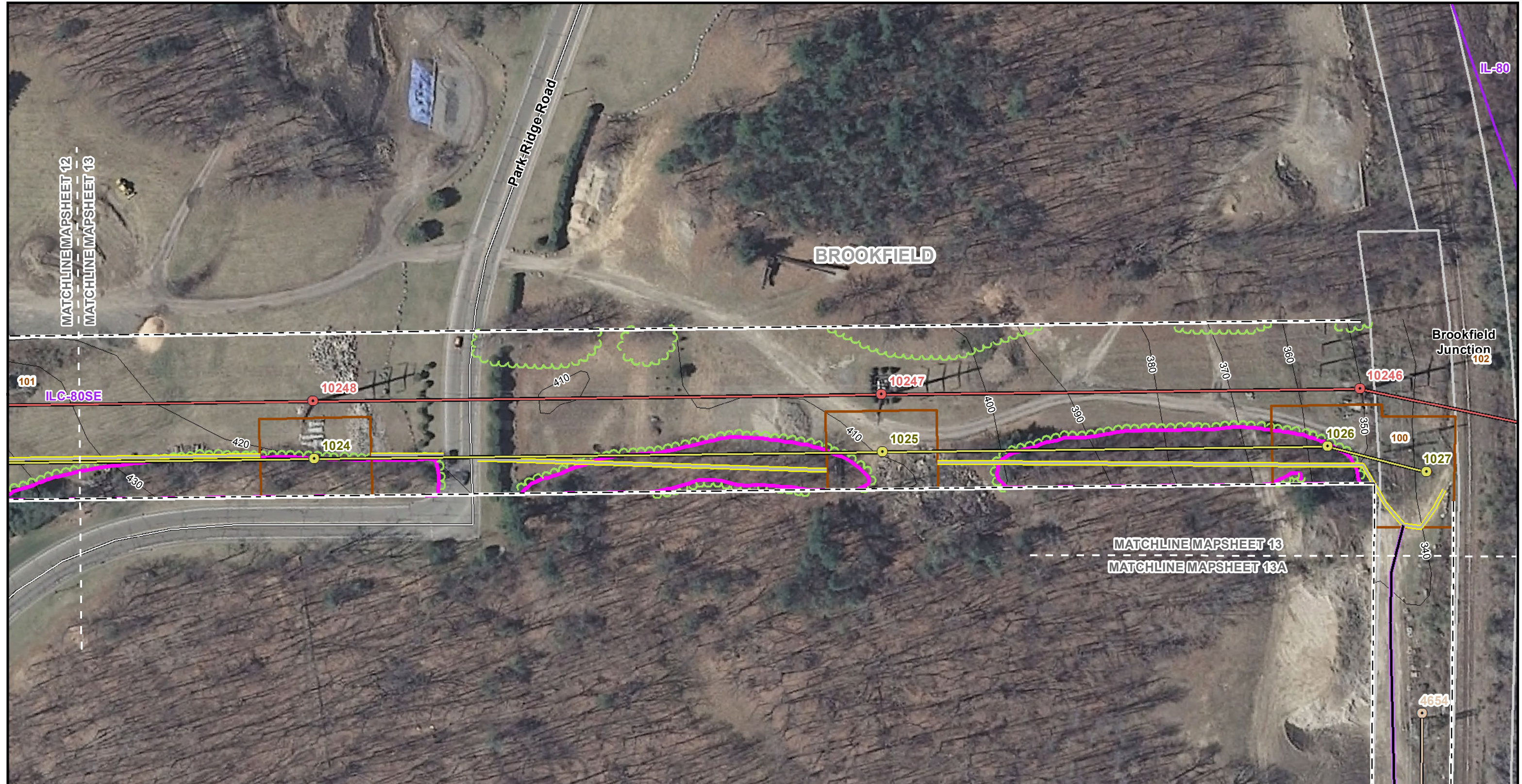
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Bethel & Brookfield, CT
 Page 12 of 14

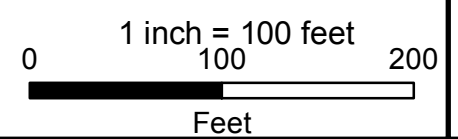
Source:
 -CT DEEP
 Basemap & Environmental Data,
 Aerial & Topo Imagery
 -BSC Group, Inc.
 Field Delineated Data

EVERSOURCE

BSC GROUP



| Legend | |
|--|--|
| Existing 321/1770 Line Structure | Pull Pad |
| Proposed 1887 Line Structure | Wetland Boundary |
| Existing 321 Line (Centerline) | Wetland Area |
| Proposed 115-kV Line (Centerline) | CT Wetland Only |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line |
| New Preferred Access Road | Field Delineated Stormwater Conveyance |
| Existing Alternate Access Road | Field Delineated Stream |
| New Alternate Access Road | FEMA Regulatory Floodway |
| Work Pad | FEMA 100yr Floodplain |
| Approximate Gas Pipeline | FEMA 500yr Floodplain |
| Fenceline | Natural Diversity Database Area (September 2015) |
| Eversource Property | Critical Habitat Polygon |
| Parcels | Culvert |
| Municipal Boundary | Edge of Forest |
| Access Gate | Approx Area of Tree Clearing |
| LIDAR 2000 Contours 10 ft | Line List Label |
| FEMA Regulatory Floodway | Zoning Code Label |
| FEMA 100yr Floodplain | Existing to Remain |
| FEMA 500yr Floodplain | Existing Line to Remain |



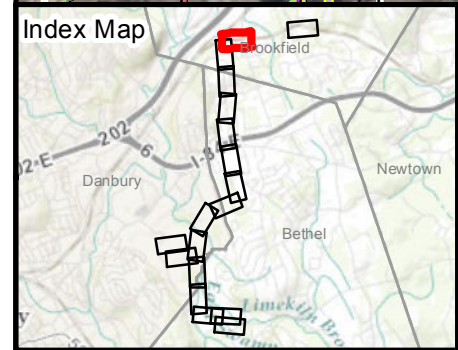
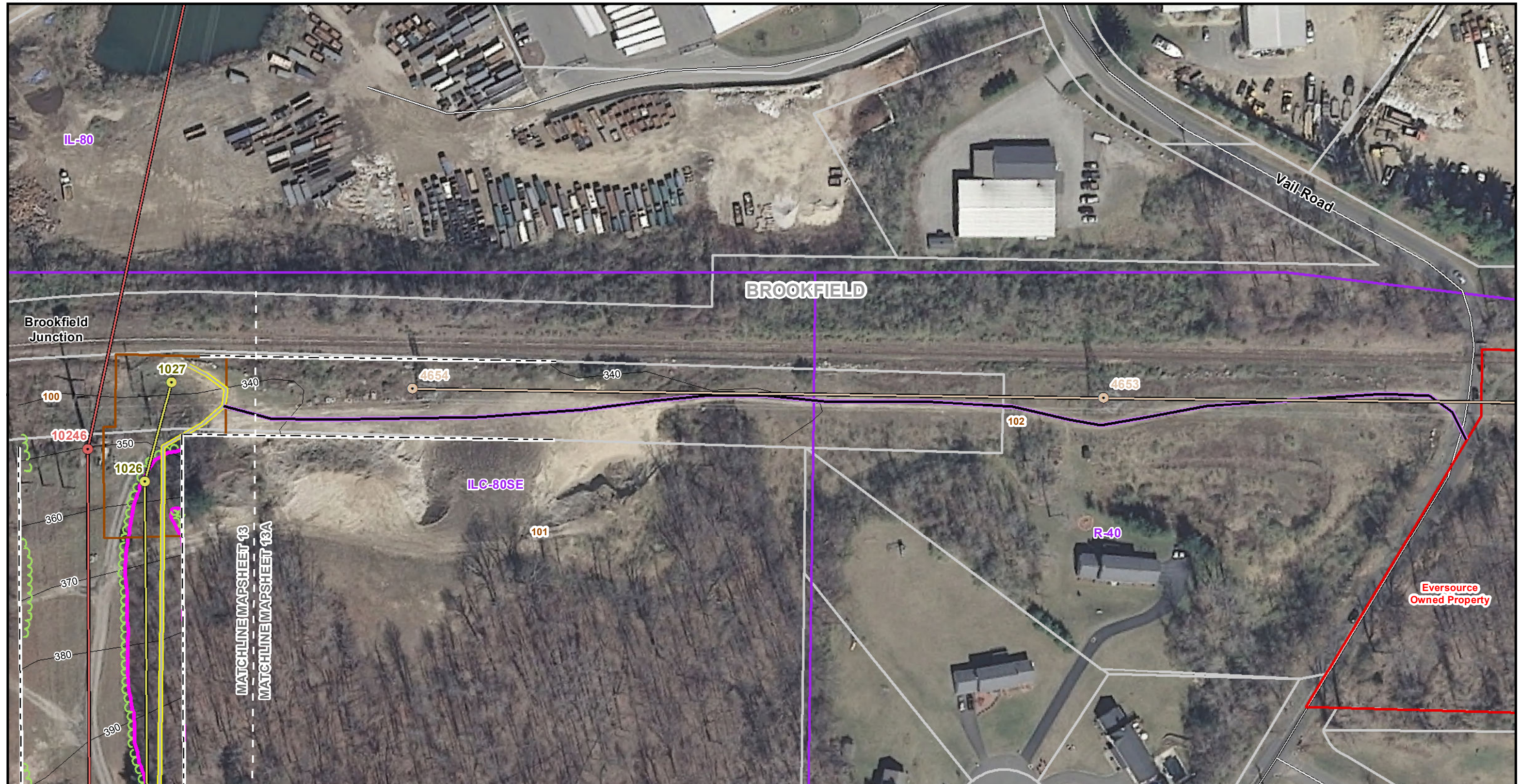
SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Brookfield, CT
Page 13 of 14

Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data

EVERSOURCE

BSC GROUP



| Legend | |
|--|---|
| Existing 321/1770 Line Structure | Pull Pad |
| Proposed 1887 Line Structure | Wetland Boundary |
| Existing 321 Line (Centerline) | Wetland Area |
| Proposed 115-kV Line (Centerline) | CT Wetland Only |
| Right-of-Way (Existing) | Estimated Perennial Stream (Centerline) |
| Existing Preferred Access Road | Field Delineated Intermittent Stream Line |
| Existing Access Road to be Upgraded/Improved | Field Delineated Perennial Stream Line |
| New Preferred Access Road | Field Delineated Stormwater Conveyance |
| Existing Alternate Access Road | Field Delineated Stream |
| New Alternate Access Road | Approximate Gas Pipeline |
| Work Pad | Fenceline |
| Eversource Property | Parcels |
| Municipal Boundary | Access Gate |
| LIDAR 2000 Contours 10 ft | FEMA Regulatory Floodway |
| FEMA 100yr Floodplain | FEMA 500yr Floodplain |
| Natural Diversity Database Area (September 2015) | Critical Habitat Polygon |
| Culvert | Edge of Forest |
| Existing to Remain | Approx Area of Tree Clearing |
| Existing Line to Remain | Line List Label |
| | Zoning Code Label |

**SOUTHWEST CONNECTICUT
RELIABILITY PROJECT**

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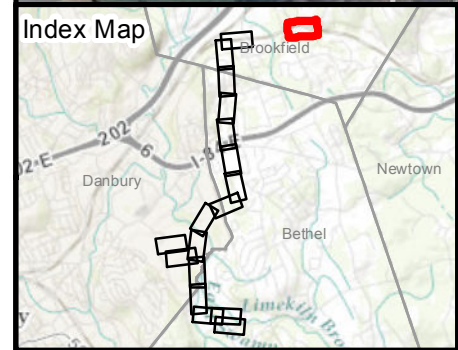
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Feet

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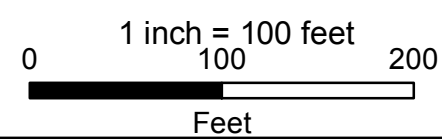
Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data

EVERSOURCE

BSC GROUP



| Legend | |
|--|---|
| ● Existing 321/1770 Line Structure | ■ Pull Pad |
| ● Proposed 1887 Line Structure | ■ Wetland Boundary |
| — Existing 321 Line (Centerline) | ■ Wetland Area |
| — Proposed 115-kV Line (Centerline) | ■ CT Wetland Only |
| — Right-of-Way (Existing) | — Estimated Perennial Stream (Centerline) |
| — Existing Preferred Access Road | — Field Delineated Intermittent Stream Line |
| — Existing Access Road to be Upgraded/Improved | — Field Delineated Perennial Stream Line |
| — New Preferred Access Road | — Field Delineated Stormwater Conveyance |
| — Existing Alternate Access Road | — Field Delineated Stream |
| — New Alternate Access Road | — Approximate Gas Pipeline |
| ■ Work Pad | — Fenceline |
| ■ Eversource Property | ■ Municipal Boundary |
| ■ Parcels | — Access Gate |
| — LIDAR 2000 Contours 10 ft | — Edge of Forest |
| ■ FEMA Regulatory Floodway | ■ Approx Area of Tree Clearing |
| ■ FEMA 100yr Floodplain | ● 100 Line List Label |
| ■ FEMA 500yr Floodplain | ● R-10 Zoning Code Label |
| ■ Natural Diversity Database Area (September 2015) | ● Existing to Remain |
| ■ Critical Habitat Polygon | ● Structure to be Removed |
| ● Culvert | ● Structure to be Replaced |
| — Install New Segment | — Existing Line to Remain |
| — Existing Line to be Relocated to Structure 4647 | |



SOUTHWEST CONNECTICUT RELIABILITY PROJECT

Brookfield, CT
Page 14 of 14

Source:
-CT DEEP
Basemap & Environmental Data,
Aerial & Topo Imagery
-BSC Group, Inc.
Field Delineated Data

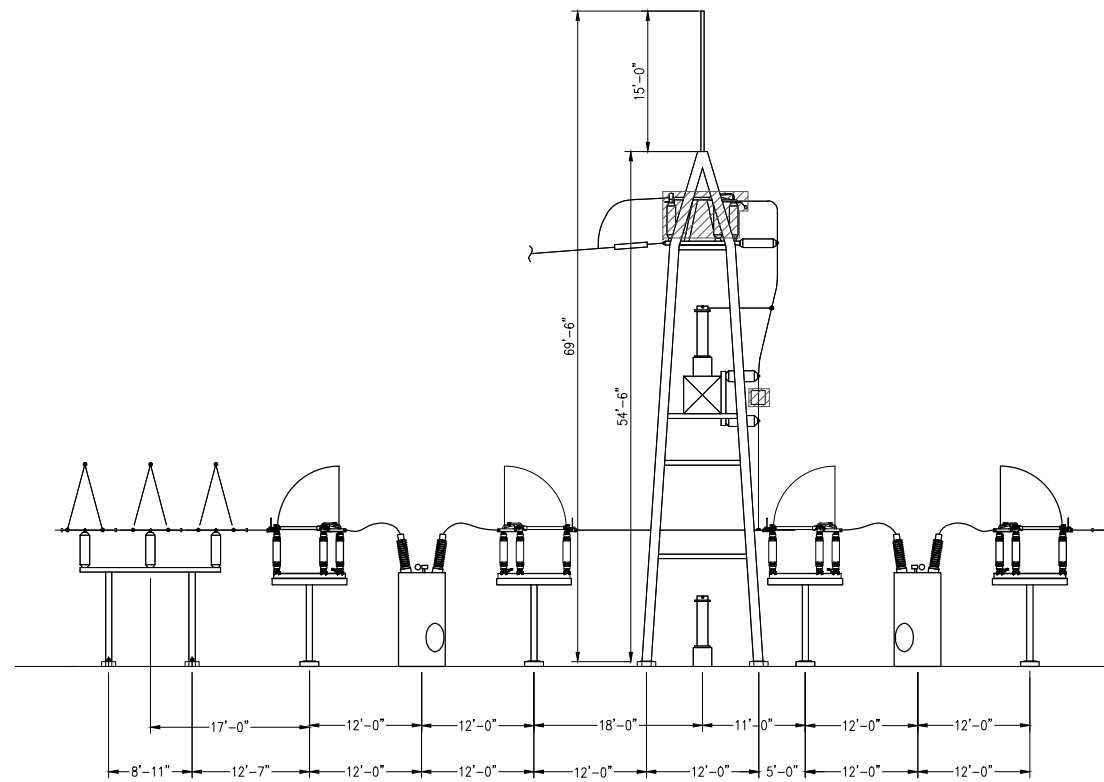
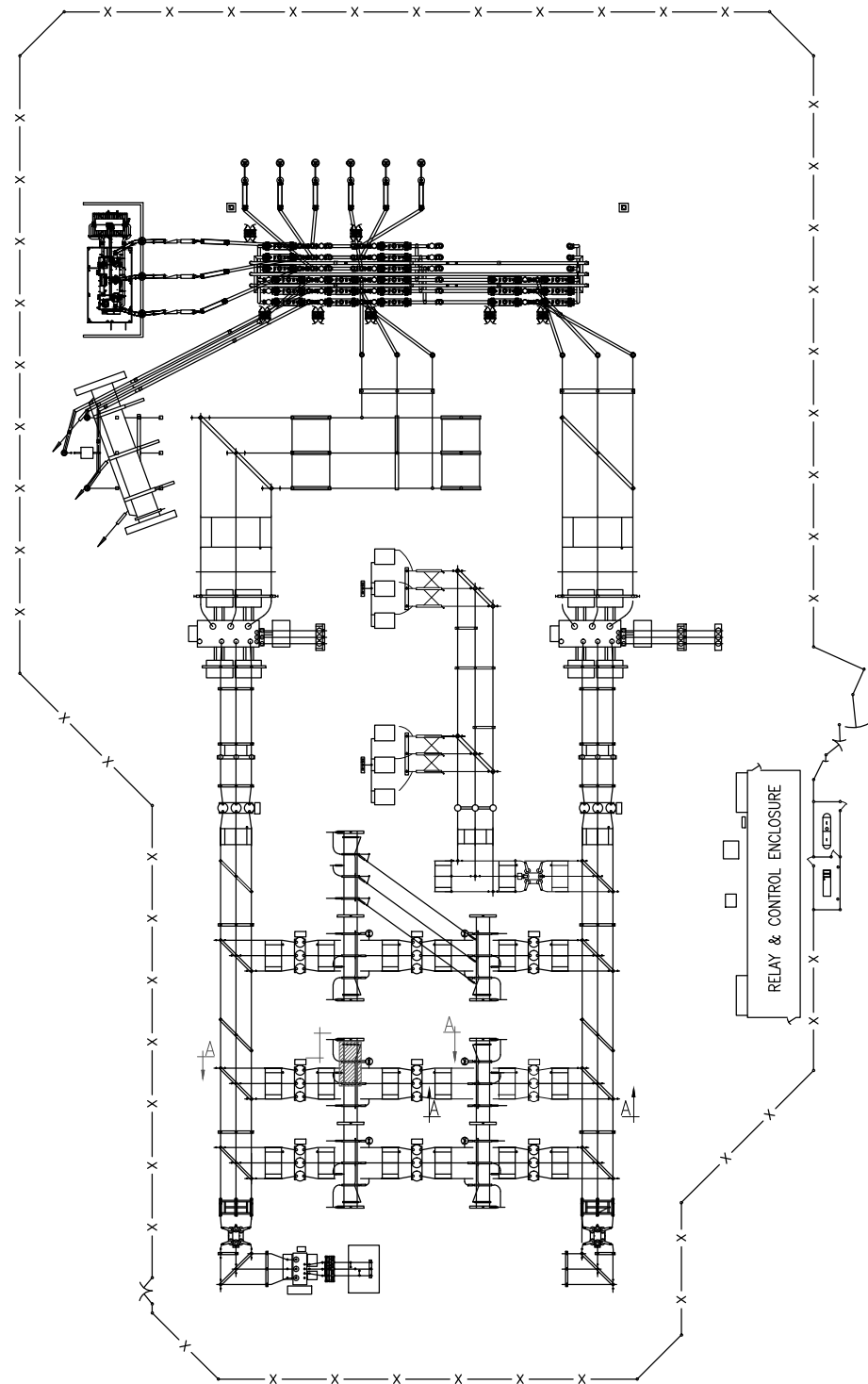
EXHIBIT 3: SUBSTATION DRAWINGS

APPENDIX 3A: PROPOSED PLUMTREE SUBSTATION MODIFICATIONS

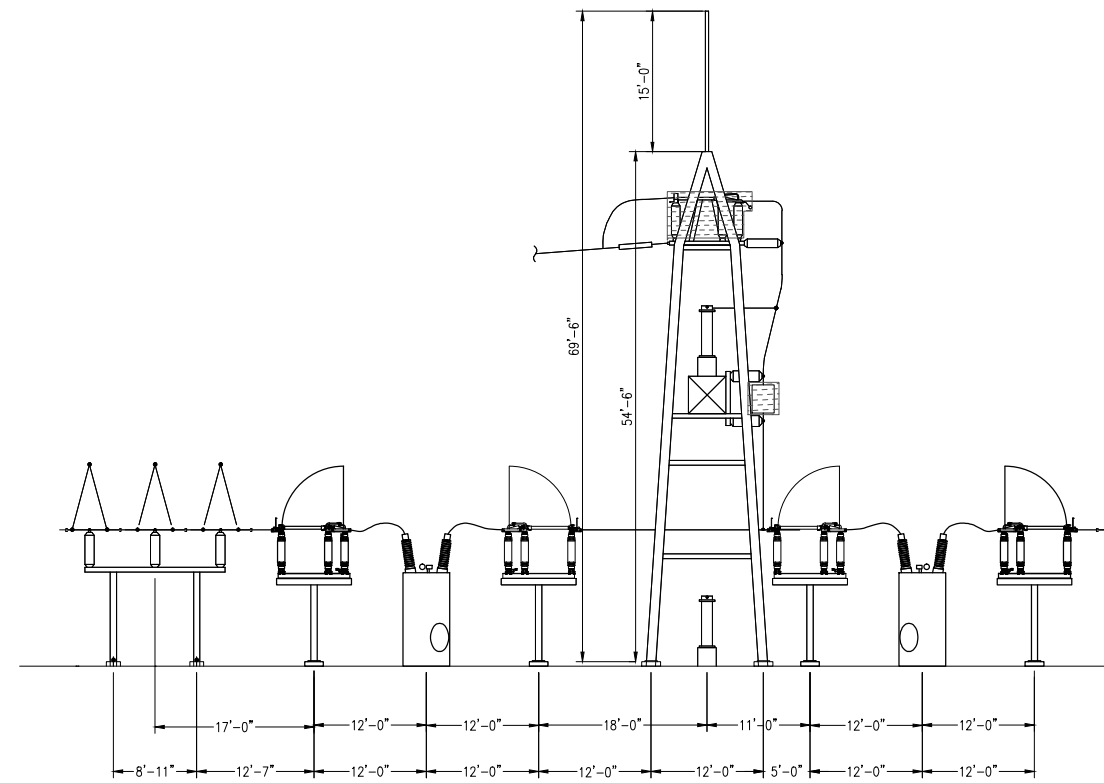
APPENDIX 3B: PROPOSED STONY HILL SUBSTATION MODIFICATIONS

APPENDIX 3A

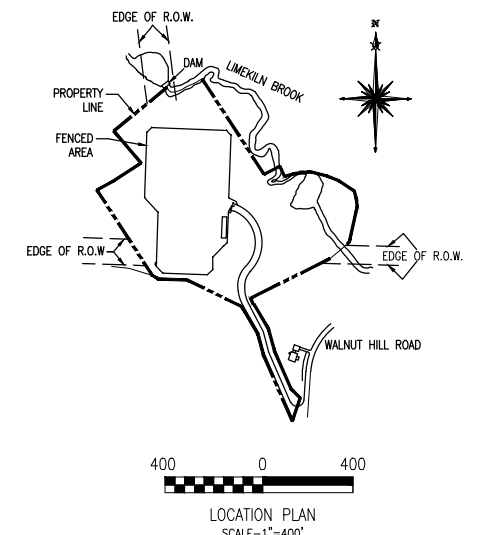
PROPOSED PLUMTREE SUBSTATION MODIFICATIONS



2016 NEW 115KV LINE REMOVALS-SECTION A-A
SCALE - 1"=10'-0"



2016 115KV NEW LINE ADDITIONS-SECTION A-A
SCALE - 1"=10'-0"



2016 PROPOSED ADDITIONS 2016 TO BE REMOVED



CSC 2016 NEW 115KV LINE

REVISIONS DURING CONSTRUCTION

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
| | | | | | | | |



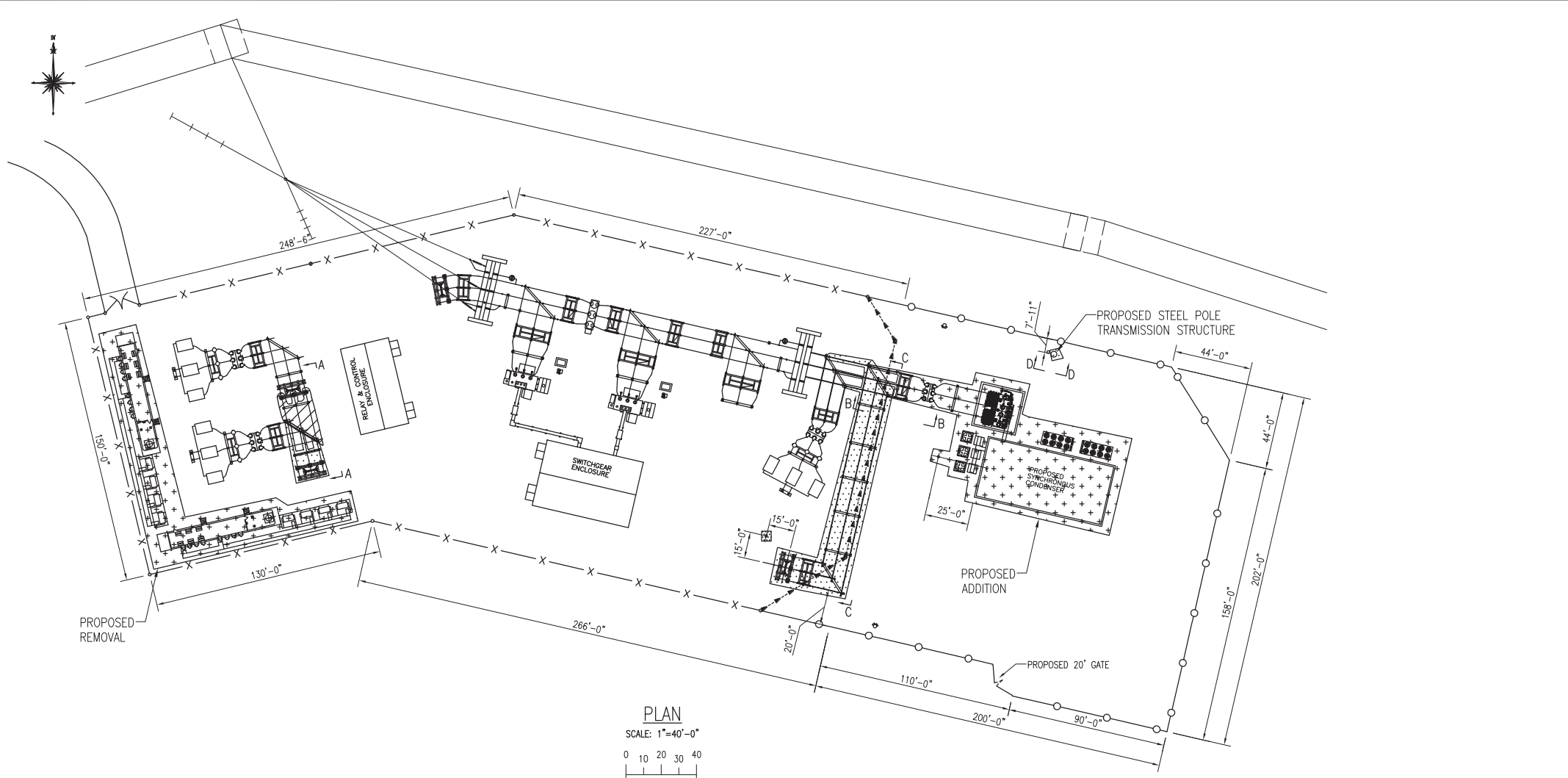
TITLE
PLUMTREE SUBSTATION
YARD ARRANGEMENT - PLAN & SECTIONS
CONNECTICUT SITING COUNCIL
BETHEL, CT

| BY | KPKR | CHKD | REM | APP | LEG | APP | ALG |
|-------------------|----------|------|------|--------------------|------|------|---------|
| DATE | 6/02 | DATE | 6/02 | DATE | 6/02 | DATE | 6/02 |
| H-SCALE | AS NOTED | SIZE | D | FIELD BOOK & PAGES | | | |
| V-SCALE | AS NOTED | V.S. | | R.E. DWG | | | |
| R.E. PROJ. NUMBER | | | | | | | DWG NO. |

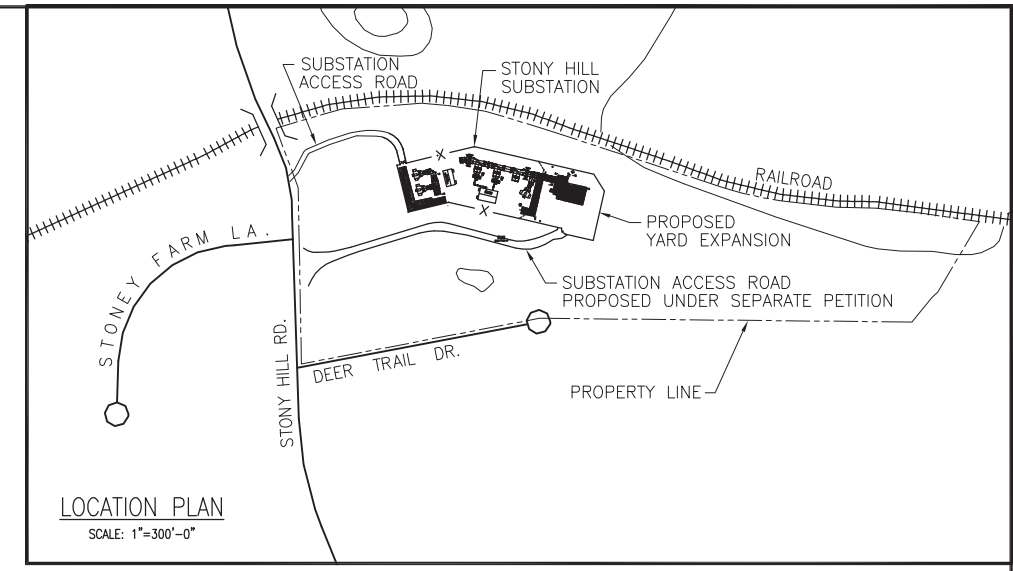
10904-92001

APPENDIX 3B

PROPOSED STONY HILL SUBSTATION MODIFICATIONS

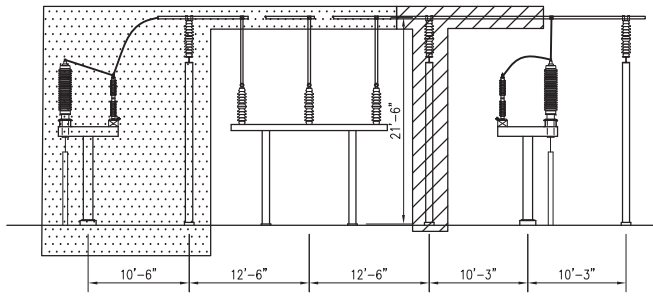


PLAN
SCALE: 1"=40'-0"
0 10 20 30 40

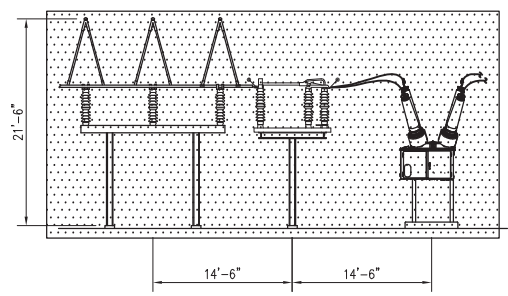


LOCATION PLAN
SCALE: 1"=300'-0"

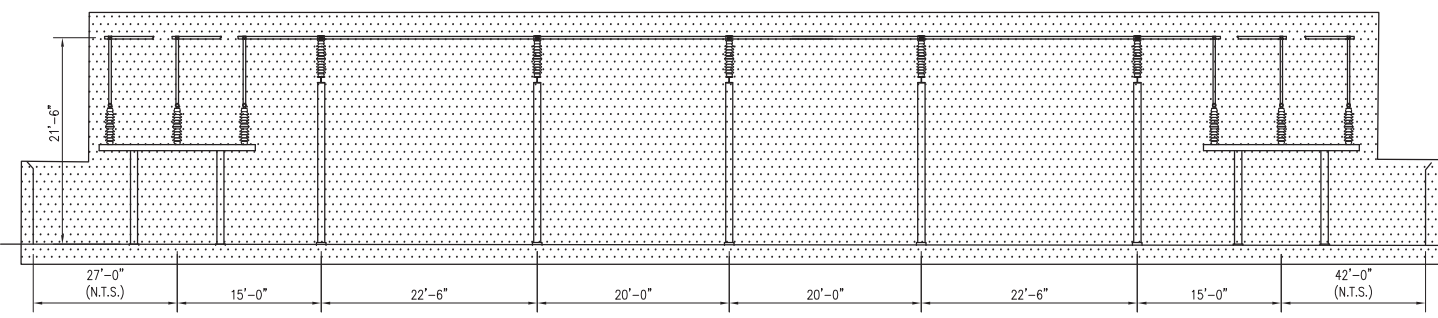
- x---x--- EXISTING FENCE
- - - - - 2017 FENCE REMOVALS PROPOSED UNDER SEPARATE PETITION
- ○ ○ ○ ○ 2017 FENCE ADDITIONS PROPOSED UNDER SEPARATE PETITION
- [Pattern: + + + +] PROPOSED UNDER SEPARATE PETITION
- [Pattern: / / / /] 2018 PROPOSED REMOVALS
- [Pattern:] 2018 PROPOSED ADDITIONS



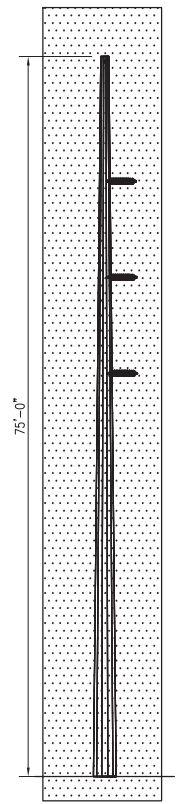
SECTION A-A
SCALE: 1"=10'-0"



SECTION B-B
SCALE: 1"=10'-0"



SECTION C-C
SCALE: 1"=10'-0"



SECTION D-D
SCALE: 1"=10'-0"

| | | | | | | | | | | | |
|---|------|------|-------|-------------|---------------------------------------|------|------|-----|-----|--------------------|-------------|
| EVERSOURCE ENERGY | | | | | | | | | | | |
| TITLE STONY HILL YARD ARRANGEMENT PLAN & SECTIONS CONNECTICUT SITING COUNCIL BROOKFIELD, CT | | | | | | | | | | | |
| BY | MC | DRD | REM | APP | APP | PSM | | | | | |
| DATE | 6/88 | DATE | 7/88 | DATE | 7/88 | DATE | 7/88 | | | | |
| NO. | 2 | DATE | 2/03 | DESCRIPTION | ADD 115KV CAPACITOR W.O. #40091901 | BY | MC | CHK | REM | APP | APP |
| | 1 | DATE | 12/90 | DESCRIPTION | ISSUED FOR CSC APPROVAL 1990 ADDITION | BY | MC | CHK | REM | APP | APP |
| | | DATE | | DESCRIPTION | AS BUILT REVISIONS | BY | CHK | APP | APP | | |
| | | | | | | | | | | FIELD BOOK & PAGES | |
| | | | | | | | | | | R.E. DWG | |
| | | | | | | | | | | DWG NO. | 11804-92001 |

EXHIBIT 4: PROPOSED PROJECT CROSS SECTIONS AND PLAN AND PROFILE DRAWINGS

APPENDIX 4A: TYPICAL CROSS SECTIONS

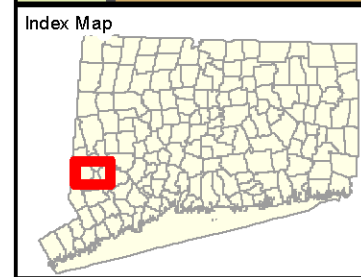
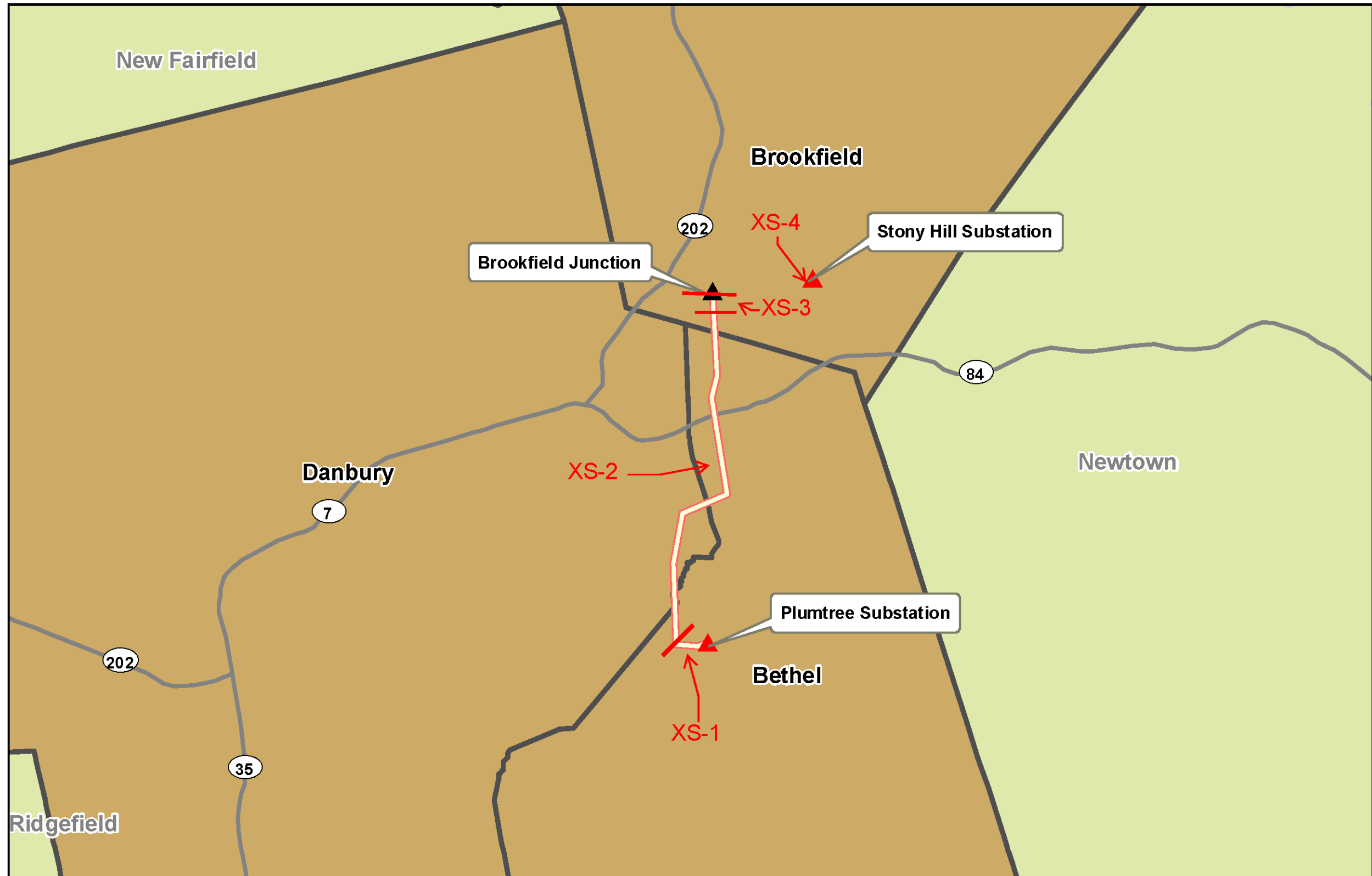
APPENDIX 4B: PLAN AND PROFILE DRAWINGS

APPENDIX 4A
TYPICAL CROSS SECTIONS

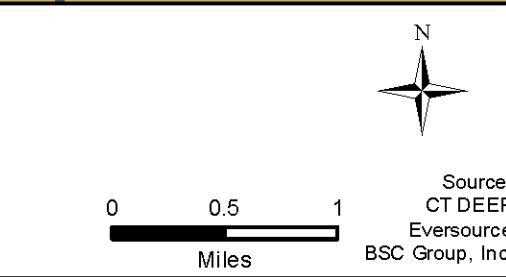
INTRODUCTION

This Exhibit provides representative cross-section drawings for each of the three different right-of-way (ROW) segments along the Proposed Route of the SWCT Reliability Project's new 115-kV 1887 line between Plumtree Substation and Brookfield Junction, as well as the cross section of the work at Stony Hill Substation. The Project Location Map located at the beginning of this exhibit illustrates the locations of each cross-section.

For each of the four cross-sections, a representative drawing that illustrates the current configuration of the proposed and existing transmission line structures and the vegetation along the ROW is provided.

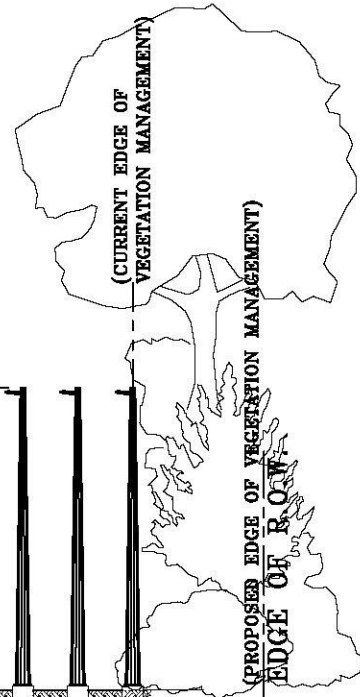
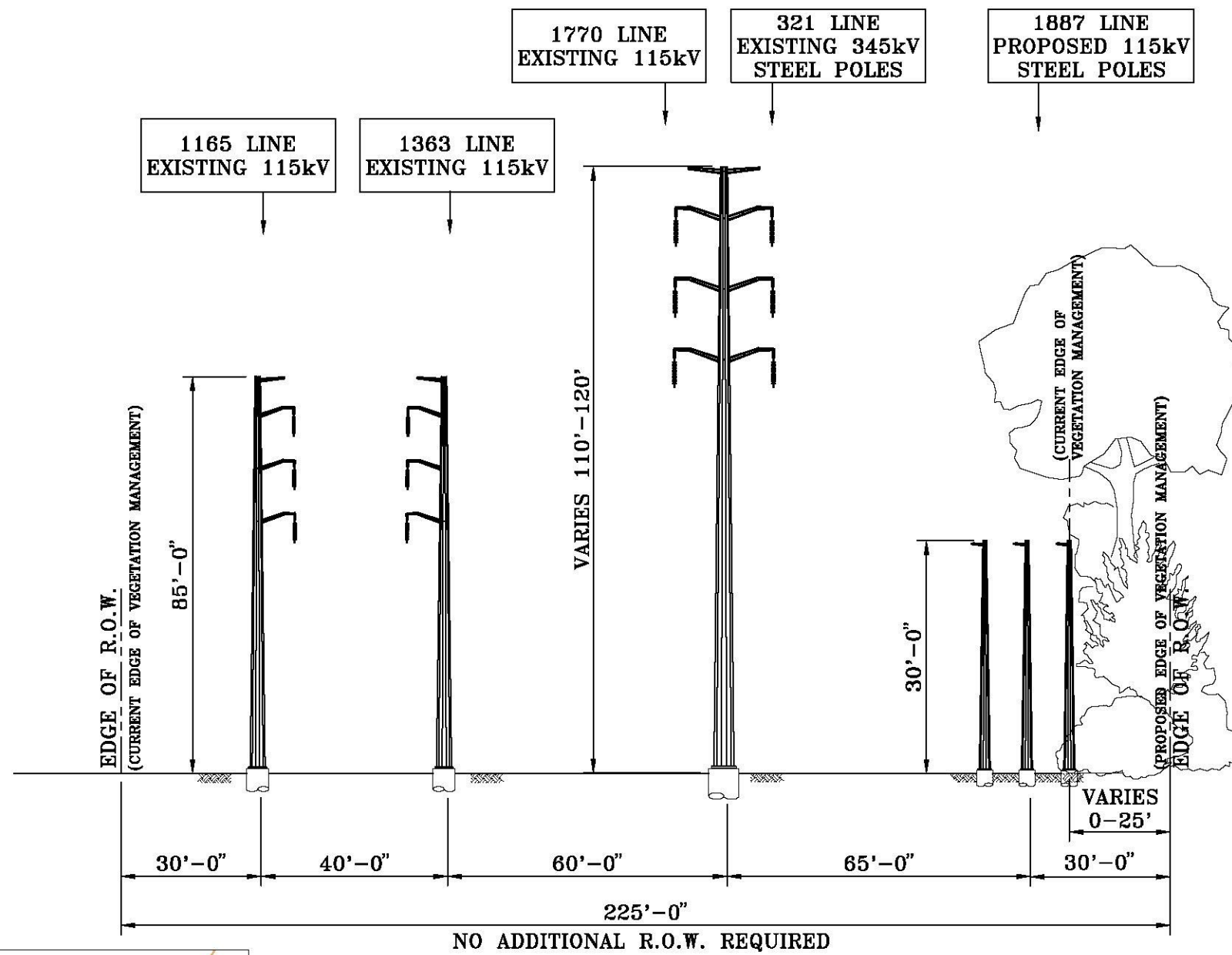


- ▲ Substation
- ▲ Junction
- Proposed Route (within existing ROW)

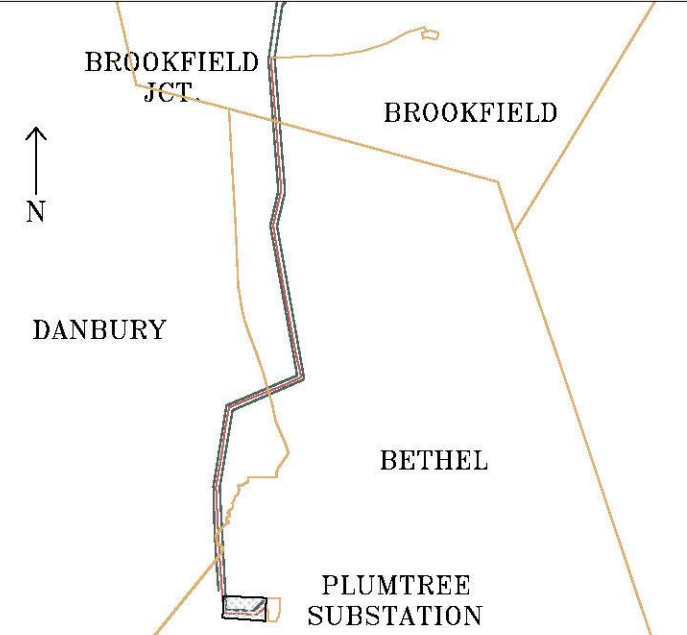


SWCT RELIABILITY PROJECT

Project Cross-section Locations



- NOTES:
1. THE EXISTING 1770 LINE WILL BE RENAMED TO THE 1268 LINE, BETWEEN PLUMTREE SUBSTATION AND STONY HILL SUBSTATION.
 2. ALL VEGETATION MANAGEMENT LOCATIONS AND CLEARING REQUIREMENTS ARE APPROXIMATE



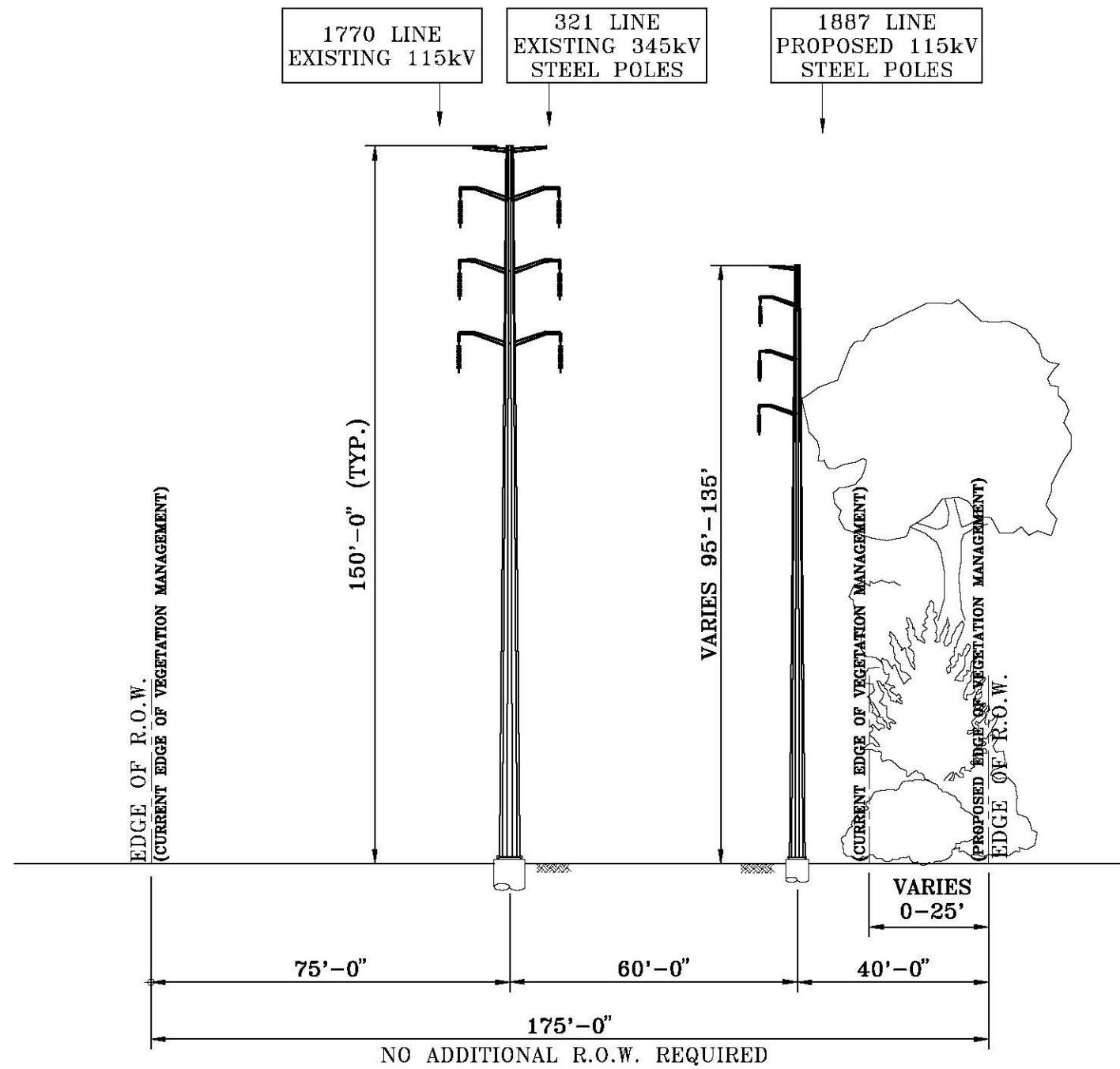
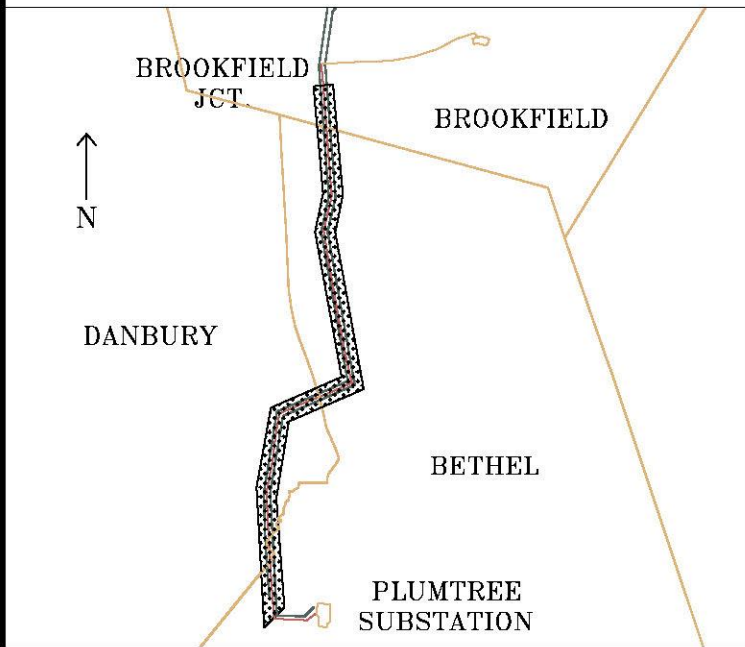
PLUMTREE SUBSTATION
TO
0.2 MILES OUT OF PLUMTREE SUBSTATION
IN THE TOWN OF
BETHEL

LOOKING WEST
(3.4 MILES)

PRELIMINARY DESIGN

EVERSOURCE
ENERGY

| | | | | | | |
|--|--------|------|--------|--------------------|--------|--------|
| TITLE | | | | | | |
| SWCT RELIABILITY PROJECT | | | | | | |
| PLUMTREE-BROOKFIELD JCT. 115kV TRANSMISSION LINE | | | | | | |
| PROPOSED R.O.W. CROSS SECTIONS | | | | | | |
| BETHEL/DANBURY/BROOKFIELD, CT. | | | | | | |
| BY | KSC | CHKD | RLF | APP | GTD | APP PE |
| DATE | 3/2016 | DATE | 3/2016 | DATE | 3/2016 | 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 | | | | DWG NO. | | |



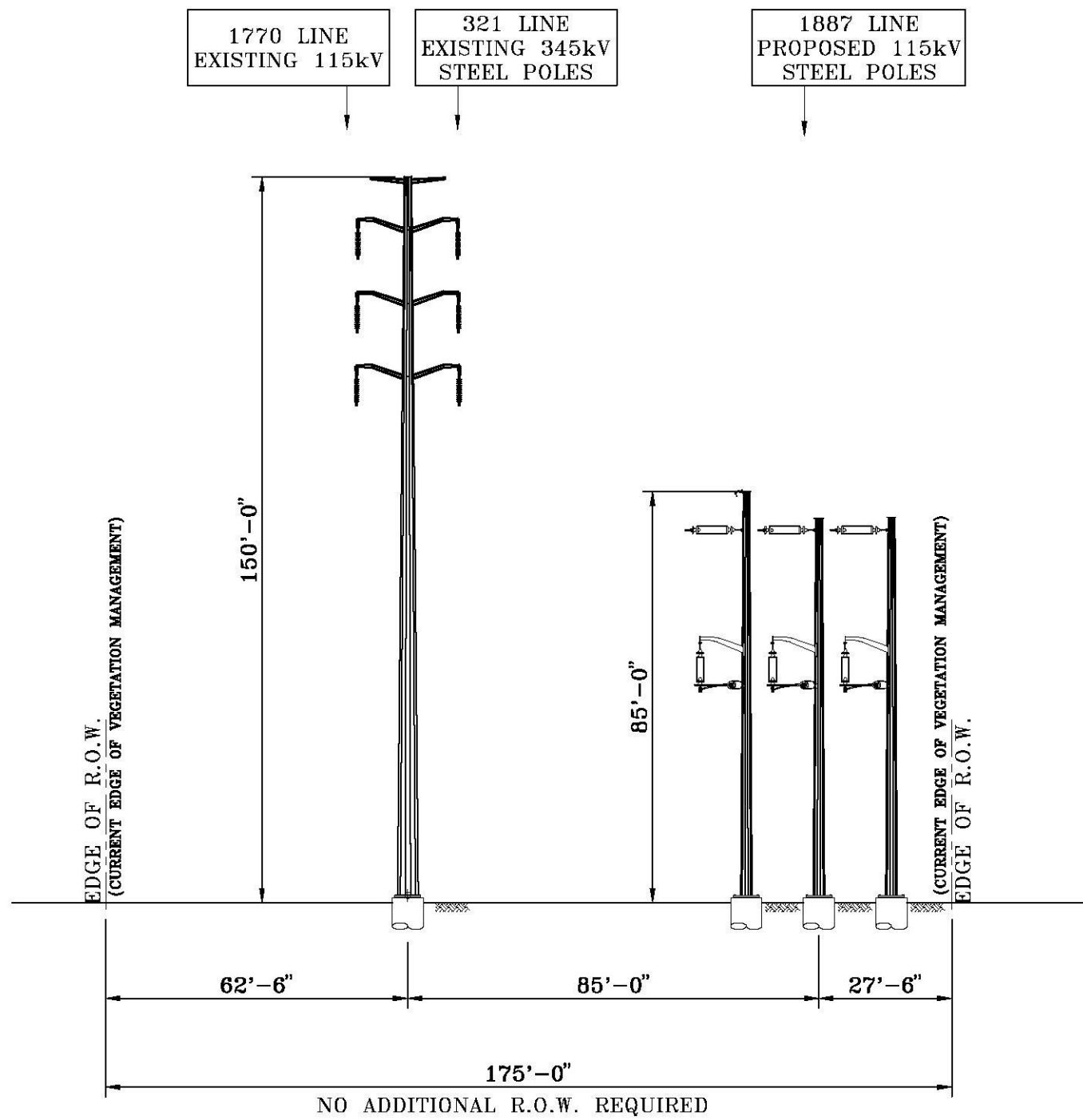
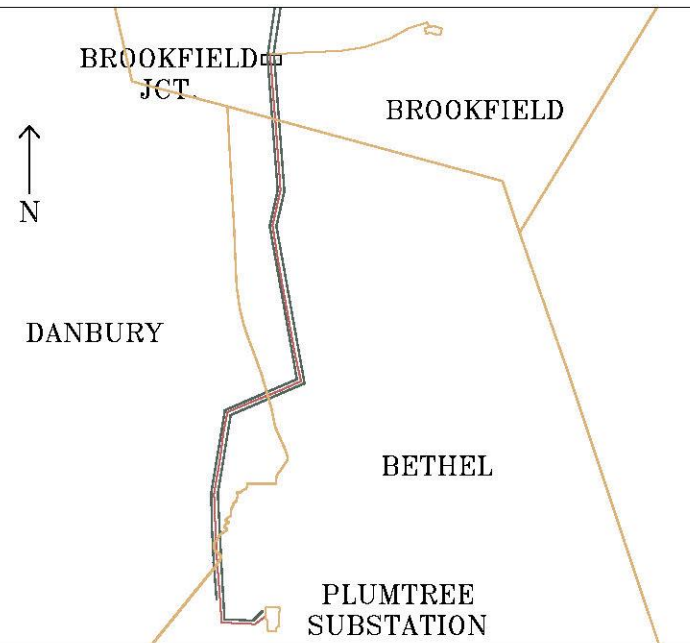
0.2 TO 3.4 MILES OUT OF PLUMTREE SUBSTATION
TO
BROOKFIELD JUNCTION
IN THE TOWNS OF
BETHEL, DANBURY, BROOKFIELD
LOOKING NORTH
(3.4 MILES)

PRELIMINARY DESIGN

NOTES:

1. THE EXISTING 1770 LINE WILL BE RENAMED TO THE 1268 LINE, BETWEEN PLUMTREE SUBSTATION AND STONY HILL SUBSTATION.
2. ALL VEGETATION MANAGEMENT LOCATIONS AND CLEARING REQUIREMENTS ARE APPROXIMATE

| | | | | | | | |
|---|--------|------|--------|--------------------|--------|------|----|
| EVERSOURCE ENERGY | | | | | | | |
| TITLE SWCT RELIABILITY PROJECT PLUMTREE-BROOKFIELD JCT. 115kV TRANSMISSION LINE PROPOSED R.O.W. CROSS SECTIONS BETHEL/DANBURY/BROOKFIELD, CT. | | | | | | | |
| BY | KSC | CSB | RLF | APP | GTD | APP | PE |
| DATE | 3/2016 | DATE | 3/2016 | DATE | 3/2016 | 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 | | | | DWG NO. | | XS-2 | |



3.4 MILES OUT OF PLUMTREE SUBSTATION
 AT
 BROOKFIELD JUNCTION
 IN THE TOWN OF
 BROOKFIELD
 LOOKING NORTH
 (3.4 MILES)

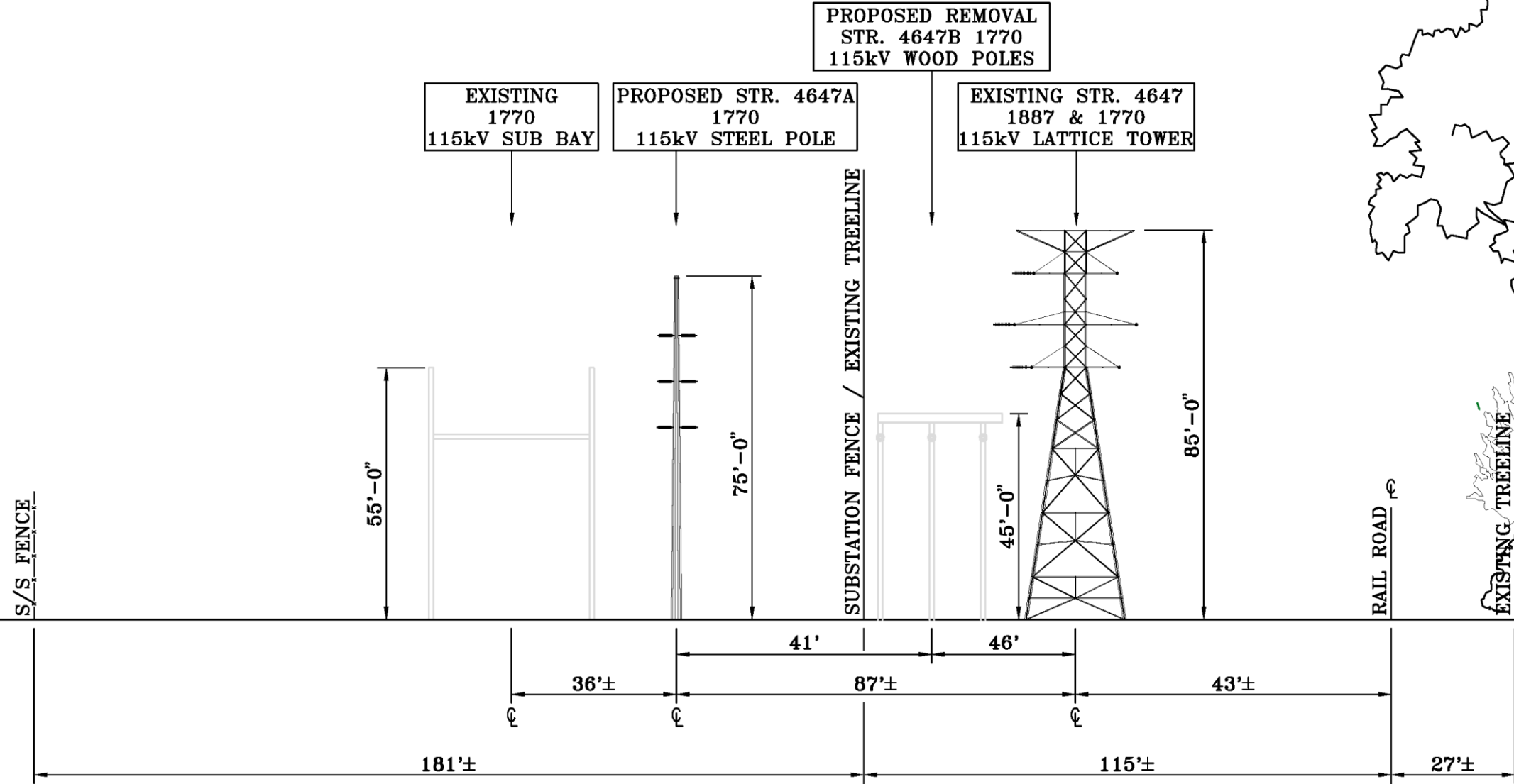
PRELIMINARY DESIGN

- NOTES:
1. THE EXISTING 1770 LINE WILL BE RENAMED TO THE 1268 LINE, BETWEEN PLUMTREE SUBSTATION AND STONY HILL SUBSTATION.
 2. ALL VEGETATION MANAGEMENT LOCATIONS AND CLEARING REQUIREMENTS ARE APPROXIMATE

EVERSOURCE ENERGY

TITLE: SWCT RELIABILITY PROJECT
 PLUMTREE-BROOKFIELD JCT. 115kV TRANSMISSION LINE
 PROPOSED R.O.W. CROSS SECTIONS
 BETHEL/DANBURY/BROOKFIELD, CT.

| | | | | | | | |
|-------------------|--------|------|--------|--------------------|--------|------|----|
| BY | NSC | CHKD | RLF | APP | GTD | APP | PE |
| DATE | 3/2016 | DATE | 3/2016 | DATE | 3/2016 | 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 | | | | DWG NO. | XS-3 | | |



LOOKING NORTHWEST TOWARDS
 STRUCTURES 4647, 4647A, 4647B &
 STONY HILL SUBSTATION EAST BAY IN THE
 TOWN OF BROOKFIELD

PRELIMINARY DESIGN
 SUBJECT TO CHANGE

EVERSOURCE ENERGY

TITLE: SWCT RELIABILITY PROJECT
 PLUMTREE-STONY HILL-BATES ROCK 115kV TRANSMISSION LINE
 PROPOSED R.O.W. CROSS SECTIONS
 BROOKFIELD, CT.

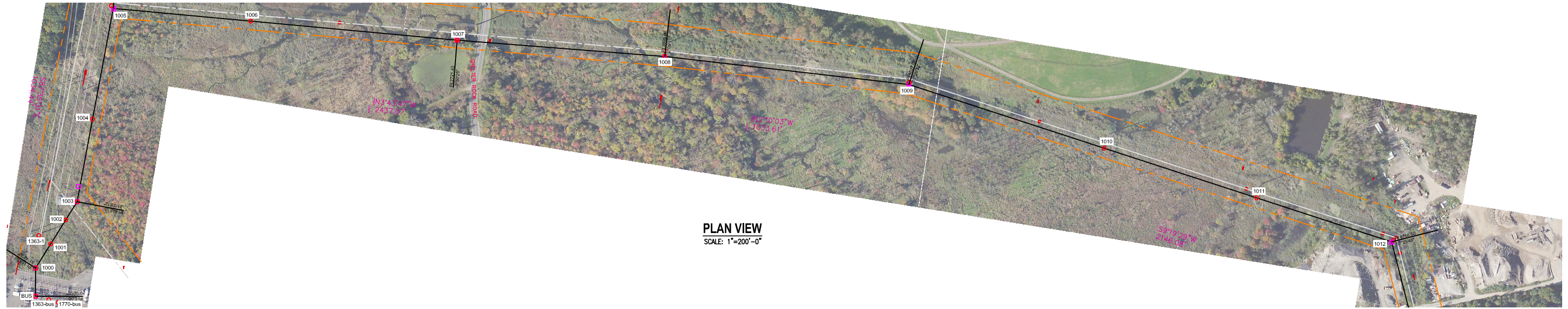
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| BY | UDB | CHKD | RLF | APP | ERS | APP | PE |
| DATE | 11/06/15 | DATE | 11/06/15 | DATE | 11/06/15 | DATE | |
| H-SCALE | N.T.S. | SIZE | B | FIELD BOOK & PAGES | | | |
| V-SCALE | N.T.S. | V.S. | | R.E. DWG | | | |
| R.E. PROJ. NUMBER | | | | DWG NO. XS-4 | | | |

APPENDIX 4B
PLAN AND PROFILE DRAWINGS

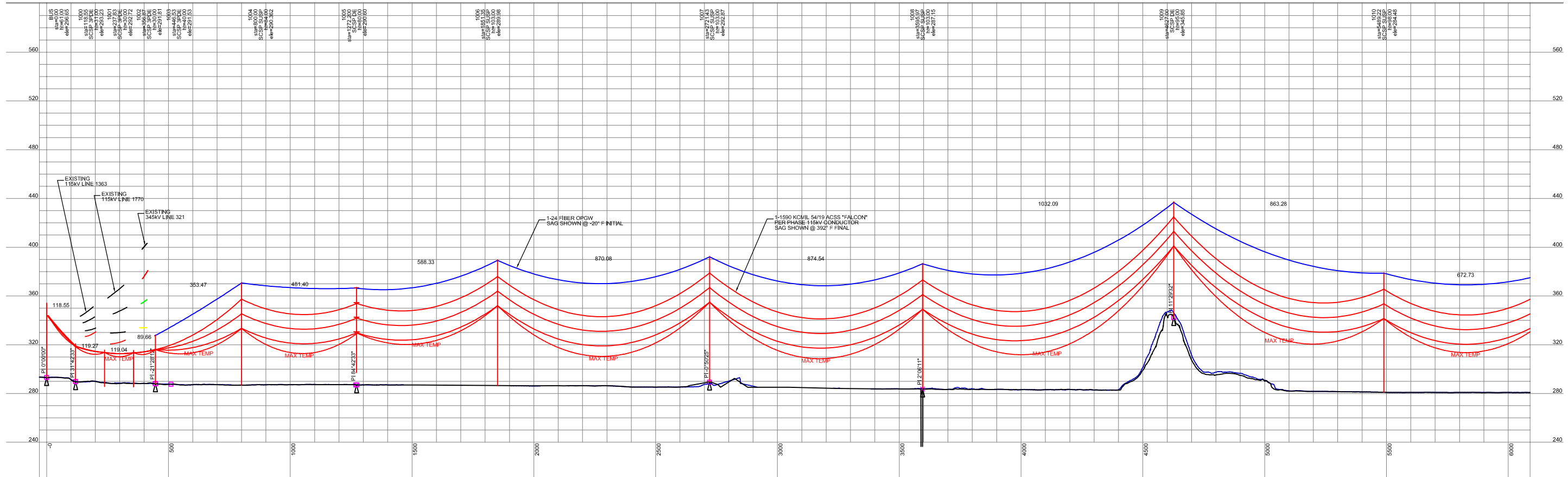
INTRODUCTION

The Plan and Profile drawings presented in this Exhibit show an overhead view (plan) and an elevation view (profile) of the Plumtree to Brookfield Junction Project. The Plan and Profile drawings were produced using 2011 aerial photography, 2012 aerial survey data, and PLS-CADD (a trademarked software product), a widely used computer program for designing transmission lines. Plan and Profile drawings are provided for the Proposed Route, as identified by Eversource in Volume 10 of this Application to the Connecticut Siting Council for a Certificate of Environmental Compatibility and Public Need.

The Plan views are drawn at an approximate scale of one-inch equal to 400 feet. The Profile views provide both the vertical elevation of the structures and the horizontal distance along the Proposed Route. The Profiles are drawn at a dual scale of one-inch equal to 80 feet in the vertical direction and one-inch equal to 400 feet in the horizontal direction. This dual scale distorts the true scale of the structure heights, making them appear taller. This is done to purposefully exaggerate the details of the transmission structures and ground elevations.



PLAN VIEW
SCALE: 1"=200'-0"



PROFILE VIEW
SCALE: 1"=40'-0"

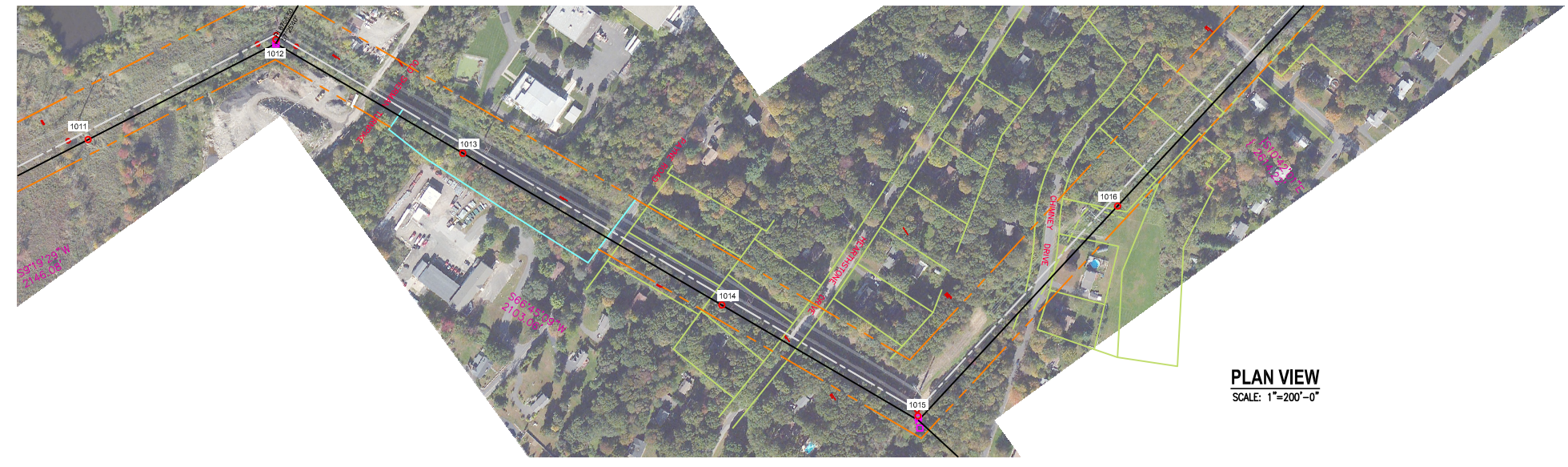
- NOTES FOR NUSCO L1887
1. CONDUCTOR IS 1590 ACSS 54/19 "FALCON" @ 11,400 LBS. FINAL, AT NESC 250B:
 2. OVERHEAD SHIELD WIRE IS OPGW 0.457 @ 4000 LBS. NESC 250B:
 3. FOR OPGW 0.457 24 FIBERS SEE AFL SPEC.

PRELIMINARY DESIGN

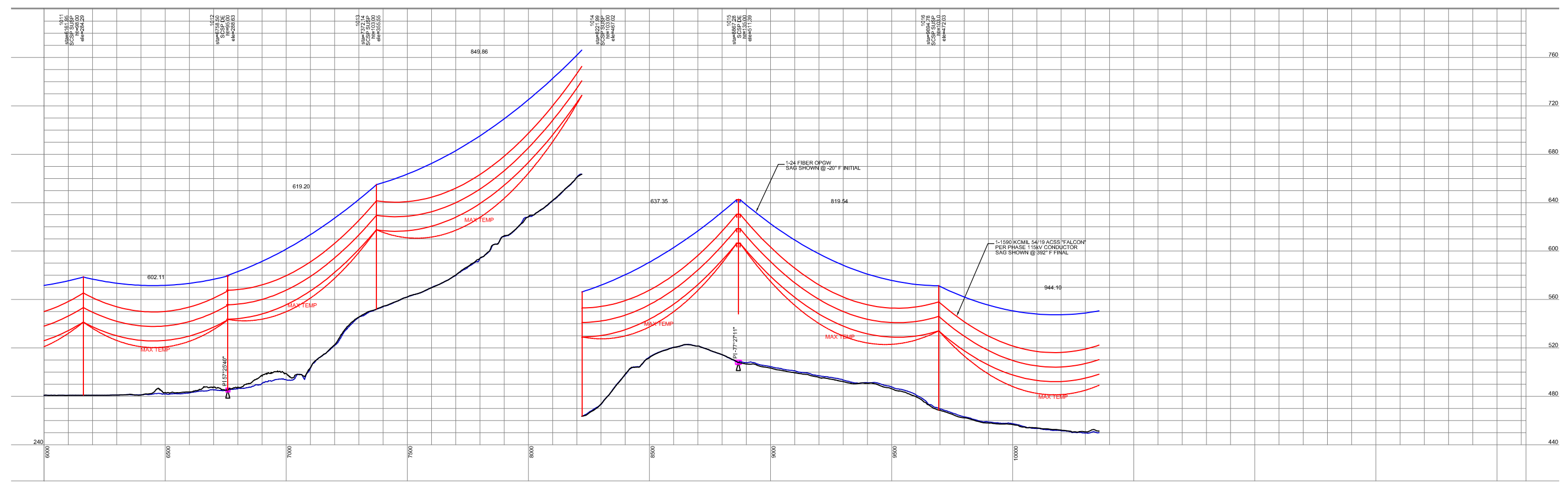
EVERSOURCE ENERGY

FILE: PLUMTREE - BROOKFIELD JCT. 115KV TRANSMISSION LINE PLAN & PROFILE BETHEL & DANBURY, CT.

| | | | |
|---------------------------|--------------------------|--------------------|-----------|
| BY: RLF | CHKD: BRS | APP: [] | APP: [] |
| DATE: 8/28/15 | DATE: 8/28/15 | DATE: [] | DATE: [] |
| H-SCALE: 1"=100' | SIZE: D | FIELD BOOK & PAGES | |
| V-SCALE: 1"=20' | Y.S.: | R.E. DWG | |
| R.E. PROJ. NUMBER: 314500 | DWG NO.: 01178-10003-001 | | |



PLAN VIEW
SCALE: 1"=200'-0"



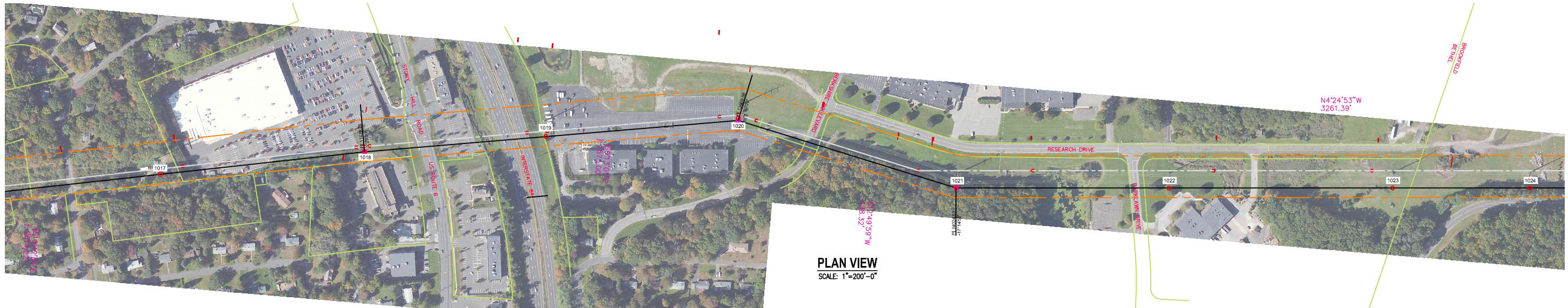
PROFILE VIEW
SCALE: 1"=40'-0"

NOTES FOR NUSCO L1887

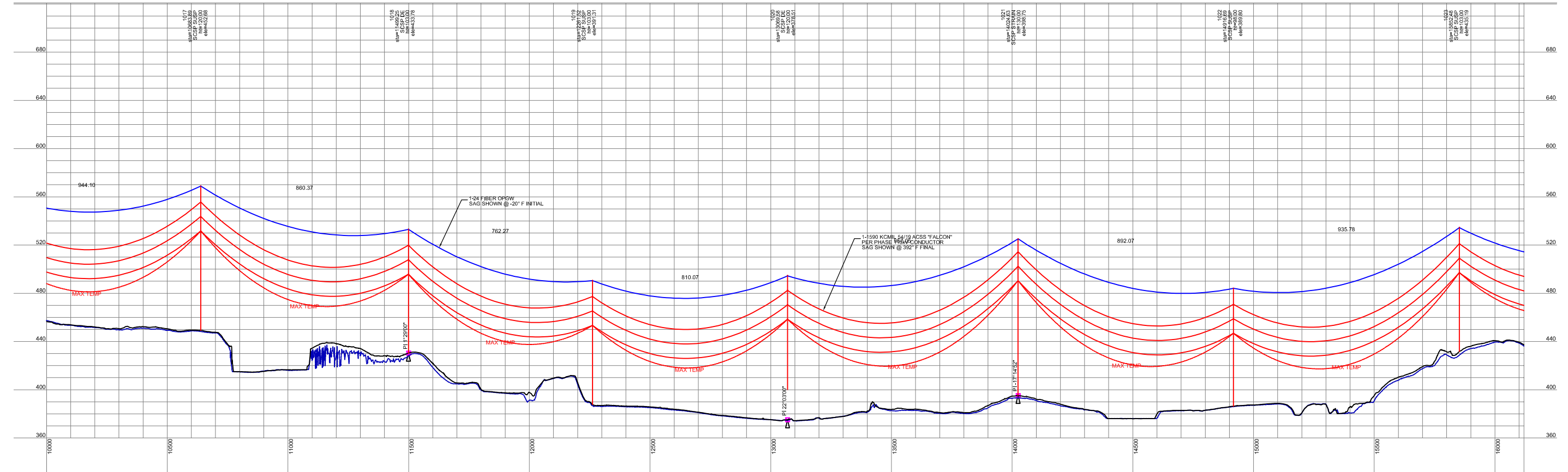
1. CONDUCTOR IS 1590 ACSS 54/19 "FALCON" @ 11,400 LBS. FINAL, AT NESC 250B:
2. OVERHEAD SHIELD WIRE IS OPGW 0.457 @ 4000 LBS. NESC 250B:
3. FOR OPGW 0.457 24 FIBERS SEE AFL SPEC.

PRELIMINARY DESIGN

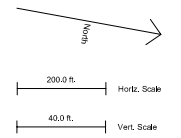
| | | | |
|--|---------------|--------------------|-----------------|
| EVERSOURCE ENERGY | | | |
| FILE: PLUMTREE - BROOKFIELD JCT. 115KV TRANSMISSION LINE PLAN & PROFILE BETHEL & DANBURY, CT. | | | |
| BY: RLF | CHKD: BRS | APP: [] | APP: [] |
| DATE: 8/28/15 | DATE: 8/28/15 | DATE: [] | DATE: [] |
| H-SCALE: 1"=100' | SIZE: D | FIELD BOOK & PAGES | |
| V-SCALE: 1"=20' | V.S.: | R.E. DWG | |
| R.E. PROJ. NUMBER: 314500 | DWG NO.: | | 01178-10003-002 |



PLAN VIEW
SCALE: 1"=200'-0"



PROFILE VIEW
SCALE: 1"=40'-0"



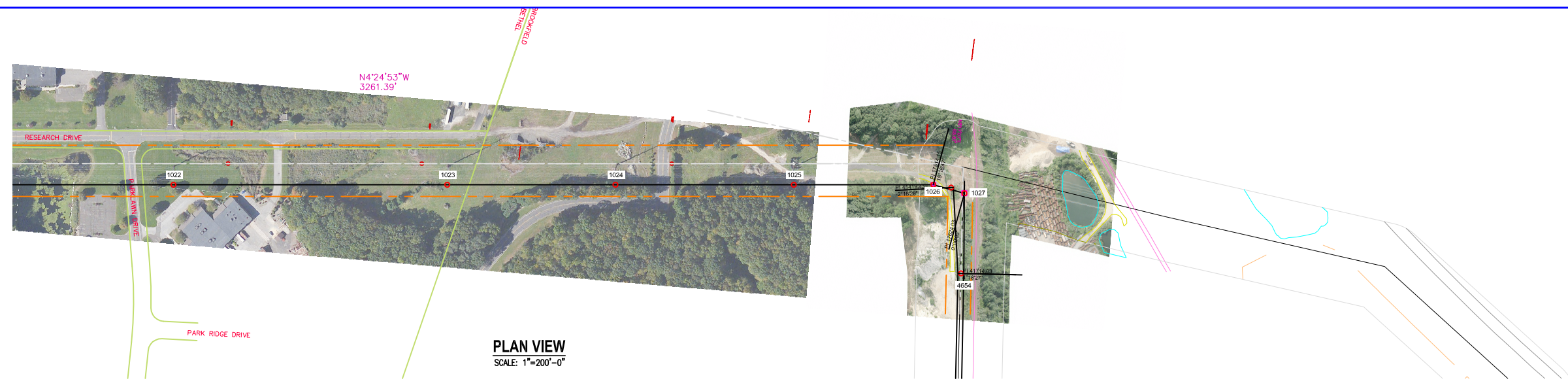
- NOTES FOR NUSCO L1887**
1. CONDUCTOR IS 1590 ACSS 54/19 "FALCON" @ 11,400 LBS. FINAL, AT NESC 250B;
 2. OVERHEAD SHIELD WIRE IS OPGW 0.457 @ 4000 LBS. NESC 250B;
 3. FOR OPGW 0.457 24 FIBERS SEE AFL SPEC.

PRELIMINARY DESIGN

EVERSOURCE ENERGY

**PLUMTREE - BROOKFIELD JCT.
115KV TRANSMISSION LINE
PLAN & PROFILE
BETHEL & BROOKFIELD, CT.**

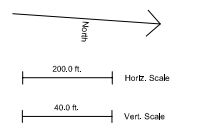
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|-------------------|---------|------|---------|-------------------------|------|
| BY | RLF | CHKD | BRS | APP | APP |
| DATE | 8/28/15 | DATE | 8/28/15 | DATE | DATE |
| H-SCALE | 1"=100' | SIZE | D | FIELD BOOK & PAGES | |
| V-SCALE | 1"=20' | V.S. | | R.E. DWG | |
| R.E. PROJ. NUMBER | 314500 | | | DWG NO. 01178-10003-003 | |



PLAN VIEW
SCALE: 1"=200'-0"



PROFILE VIEW
SCALE: 1"=40'-0"



NOTES FOR NUSCO L1887

1. CONDUCTOR IS 1590 ACSS 54/19 "FALCON" @ 11,400 LBS. FINAL, AT NESC 250B:
2. OVERHEAD SHIELD WIRE IS OPGW 0.457 @ 4000 LBS. NESC 250B:
3. FOR OPGW 0.457 24 FIBERS SEE AFL SPEC.

PRELIMINARY DESIGN



| | | | |
|---|---------|------|-------------------------|
| PLUMTREE - BROOKFIELD JCT. 115KV TRANSMISSION LINE PLAN & PROFILE BETHEL & BROOKFIELD, CT. | | | |
| BY | RLF | CWB | BRS |
| DATE | 8/28/15 | DATE | 8/28/15 |
| H-SCALE | 1"=100' | SIZE | D |
| V-SCALE | 1"=20' | V.S. | |
| R.E. PROJ. NUMBER | 314500 | | DWG NO. 01178-10003-004 |