



**THE FROST BRIDGE TO CAMPVILLE 115-kV PROJECT
BY
THE CONNECTICUT LIGHT AND POWER COMPANY
DOING BUSINESS AS EVERSOURCE ENERGY**

VOLUME 5: PROJECT MAPPING & DRAWINGS

SEPTEMBER 2015

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VOLUME 5: PROJECT MAPPING & DRAWINGS

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EXHIBIT 1: 400 SCALE MAPS: PROPOSED ROUTE

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INTRODUCTION

This volume provides maps that identify both the regional setting and the land use / environmental characteristics of the 10.4-mile Proposed Route that Eversource Energy has identified for the new 115-kV transmission line and related facilities comprising the Frost Bridge to Campville Project (Project).

Eversource's Proposed Route, along which the new 115-kV transmission line would be constructed and operated in overhead configurations, would follow an existing Eversource right-of-way (ROW) extending between Eversource's existing Frost Bridge Substation in the Town of Watertown and Campville Substation in the Town of Harwinton. In conjunction with the development of the new 115-kV transmission line, Eversource would modify the existing Frost Bridge Substation and Campville Substation. (Refer to Volume 1 for details regarding the Proposed Route and transmission line facilities.)

The following maps are included in this volume:

- **Exhibit 1: U.S. Geological Survey Maps.** These topographic maps (at a scale of 1" = 2,000') illustrate the general locations of the proposed Project facilities and variations.
- **Exhibit 2: Proposed Route Maps.** These aerial photography-based maps (at a scale of 1" = 400'¹) identify the location of the Proposed Route along Eversource's existing ROW; depict existing and proposed transmission line structures; and illustrate environmental, social, and land use features (e.g., town boundaries, zoning, water resources, vegetative cover types, forests, parks, other recreational areas, historic areas, and settled areas). Each aerial map is accompanied by explanatory data (on the page facing the map) 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 applicable to the map segment. (*Note: Cross-section drawings also are included in Volume 1, Section 3, Appendix 3A and Volume 10.*)

¹Aerial photographs were derived from 2012 aerial imagery; environmental and land use features are mapped based on 2010 Geographical Information System 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 and ROW / transmission lines locational information from Eversource.

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APPENDIX 1A: OVERVIEW OF ROUTE ON USGS MAPS

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United States Geological Survey Topographic Map Symbols

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	










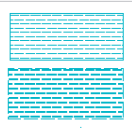



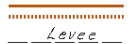









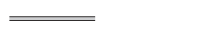
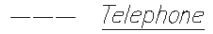




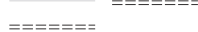













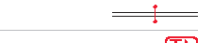
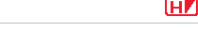
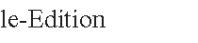
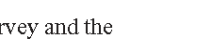
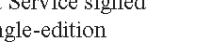

COASTAL FEATURES	
Foreshore flat	
Coral or rock reef	
Rock, bare or awash; dangerous to navigation	
Group of rocks, bare or awash	
Exposed wreck	
Depth curve; sounding	
Breakwater, pier, jetty, or wharf	
Seawall	
Oil or gas well; platform	
CONTOURS	
<i>Topographic</i>	
Index	
Approximate or indefinite	
Intermediate	
Approximate or indefinite	
Supplementary	
Depression	
Cut	
Fill	
<i>Bathymetric</i>	
Index***	
Intermediate***	
Index primary***	
Primary***	
Supplementary***	
CONTROL DATA AND MONUMENTS	
Principal point**	
U.S. mineral or location monument	
River mileage marker	
<i>Boundary monument</i>	
Third-order or better elevation, with tablet	
Third-order or better elevation, recoverable mark, no tablet	
With number and elevation	
<i>Horizontal control</i>	
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	
<i>Vertical control</i>	
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	
<i>Public land survey system</i>	
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*	
<i>Other land surveys</i>	
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	
<i>State plane coordinate systems</i>	
Primary zone tick	
Secondary zone tick	
Tertiary zone tick	
Quaternary zone tick	
Quinary zone tick	
<i>Universal transverse mercator grid</i>	
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	

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United States Geological Survey Topographic Map Symbols (continued)

RIVERS, LAKES, AND CANALS – <i>continued</i>	SUBMERGED AREAS AND BOGS
Perennial lake/pond 	Marsh or swamp 
Intermittent lake/pond 	Submerged marsh or swamp 
Dry lake/pond 	Wooded marsh or swamp 
Narrow wash 	Submerged wooded marsh or swamp 
Wide wash 	Land subject to inundation 
Canal, flume, or aqueduct with lock 	<i>Max Pool 4.3!</i>
Elevated aqueduct, flume, or conduit 	SURFACE FEATURES
Aqueduct tunnel 	Levee 
Water well, geyser, fumarole, or mud pot 	Sand or mud 
Spring or seep 	Disturbed surface 
ROADS AND RELATED FEATURES	Gravel beach or glacial moraine 
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.	Tailings pond 
Primary highway 	TRANSMISSION LINES AND PIPELINES
Secondary highway 	Power transmission line; pole; tower 
Light duty road 	Telephone line 
Light duty road, paved* 	Aboveground pipeline 
Light duty road, gravel* 	Underground pipeline 
Light duty road, dirt* 	VEGETATION
Light duty road, unspecified* 	Woodland 
Unimproved road 	Shrubland 
Unimproved road* 	Orchard 
4WD road 	Vineyard 
4WD road* 	Mangrove 
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.

** 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/>

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<ul style="list-style-type: none"> Substation Junctions Statutory Facility: Playgrounds & Group / Family Day Cares Proposed 115-kV Transmission Line Route within Existing Eversource ROW 	<ul style="list-style-type: none"> Hiking Trails Blue Red Yellow Thomaston Dam OHV Trail 	<ul style="list-style-type: none"> Protected Open Space Federal State Municipal Private 	<ul style="list-style-type: none"> Eversource Owned Property Town Boundary
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Note: Scale is 1"=2,000' (1:24,000) when printed at 11" x 17".

Scale in Feet

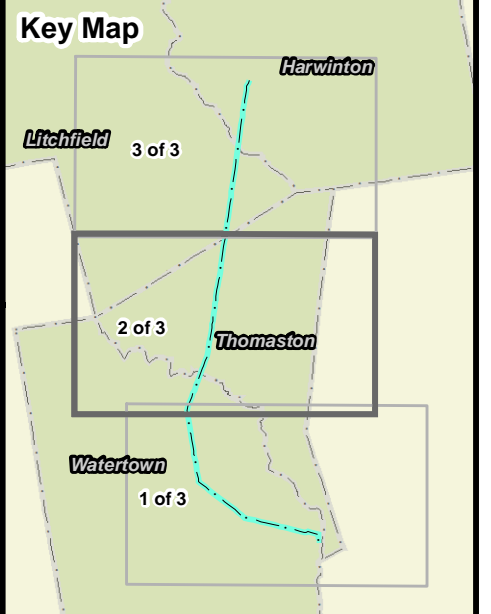
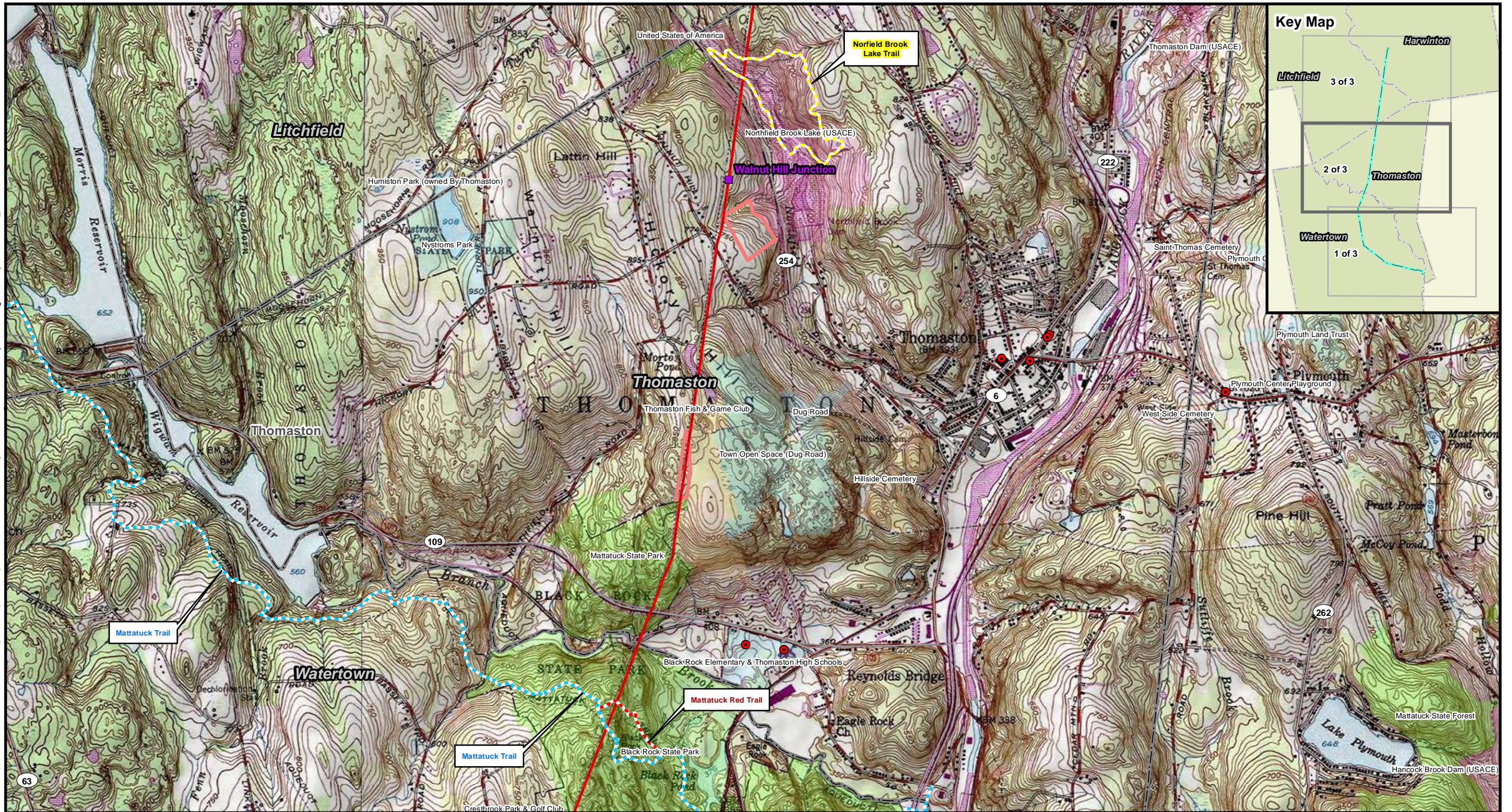
EVERSOURCE

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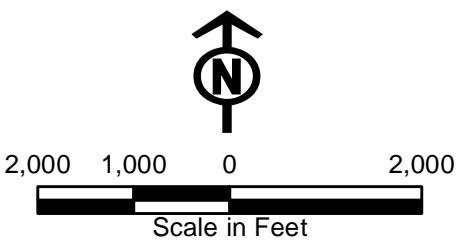
Frost Bridge to Campville
115-kV Project

Sheet 1 of 3

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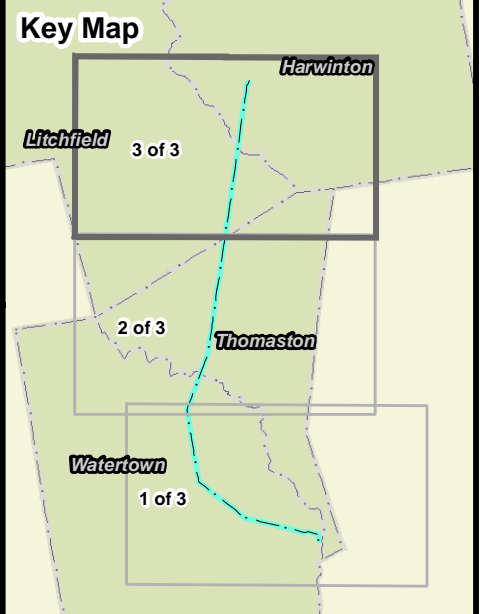
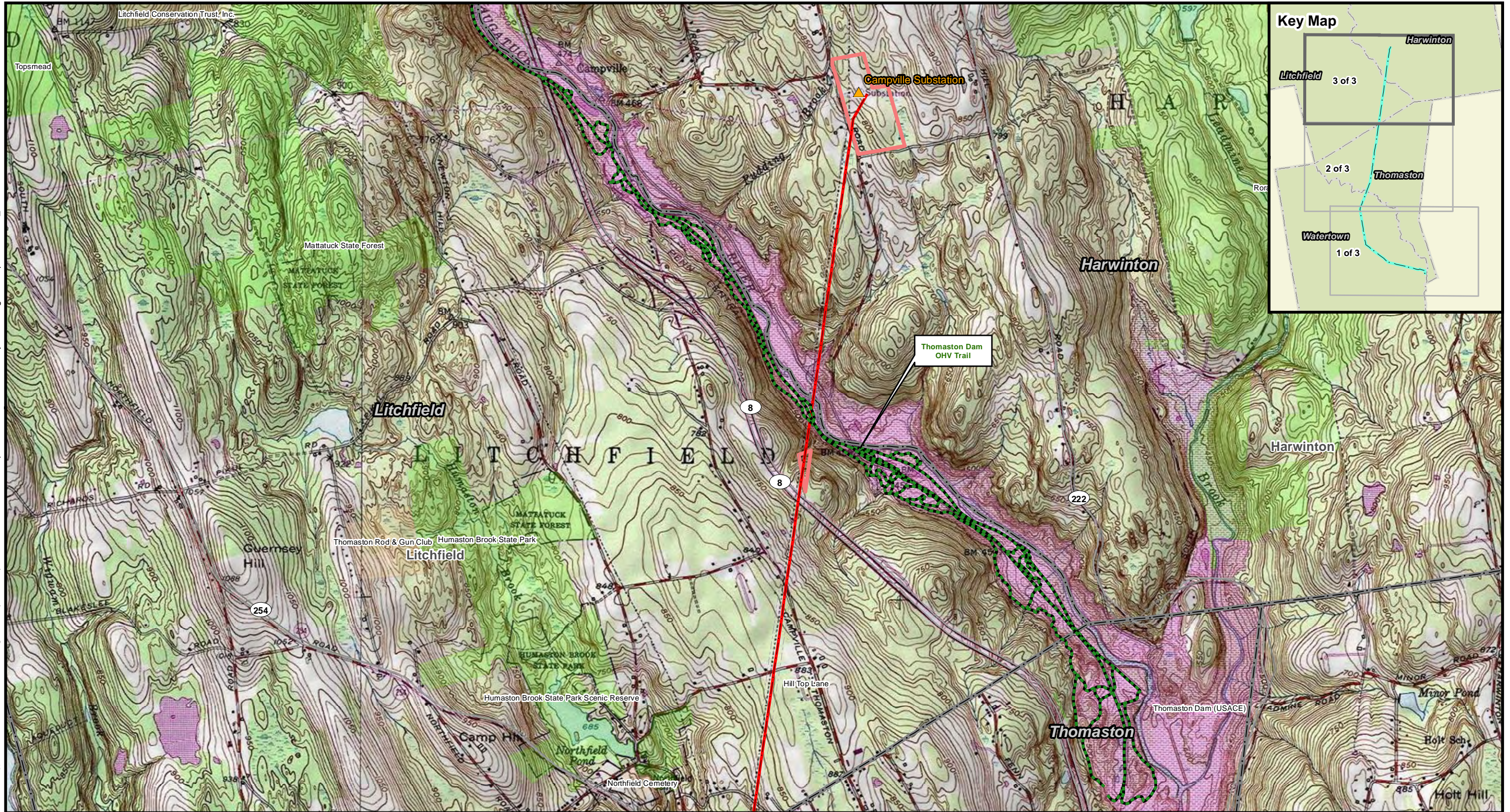


Frost Bridge to Campville
115-kV Project

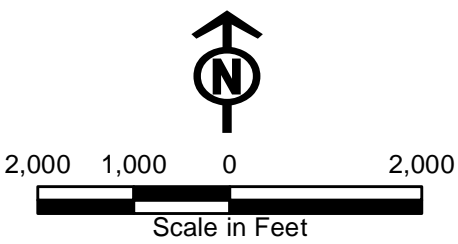
Sheet 2 of 3

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|---|--|---|--|
| <ul style="list-style-type: none"> Substation Junctions Statutory Facility: Playgrounds & Group / Family Day Cares Proposed 115-kV Transmission Line Route within Existing Eversource ROW | <ul style="list-style-type: none"> Hiking Trails Blue Red Yellow Thomaston Dam OHV Trail | <ul style="list-style-type: none"> Protected Open Space Federal State Municipal Private | <ul style="list-style-type: none"> Eversource Owned Property Town Boundary |
|---|--|---|--|



Note: Scale is 1"=2,000' (1:24,000) when printed at 11" x 17".



Frost Bridge to Campville
115-kV Project

Sheet 3 of 3

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APPENDIX 1B: PROPOSED ROUTE AERIAL MAPS – 400 SCALE

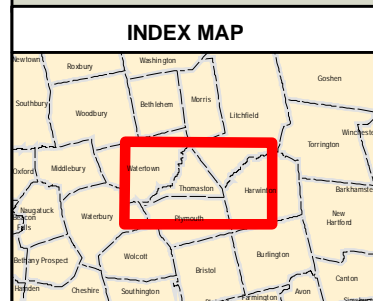
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INDEX

FROST BRIDGE TO CAMPVILLE 115-kV PROJECT PROPOSED ROUTE

Mapsheet	Town(s)	Proposed Structure Numbers (1304 Line)
1 of 9	Watertown	Frost Bridge Substation to 9
2 of 9	Watertown	10 to 21
3 of 9	Watertown	22 to 35
4 of 9	Watertown, Thomaston	36 to 46
5 of 9	Thomaston	47 to 59
6 of 9	Thomaston	59 to 70
7 of 9	Thomaston, Litchfield	71 to 81
8 of 9	Litchfield, Harwinton	82 to 88
9 of 9	Harwinton	90 to Campville Substation

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Substation
 Junction
 Proposed 115-kV Line (Centerline)

1 inch = 0.75 mile

0 0.7 1.4 2.1 2.8 3.5 Miles

**Frost Bridge to Campville
115-kV Project**

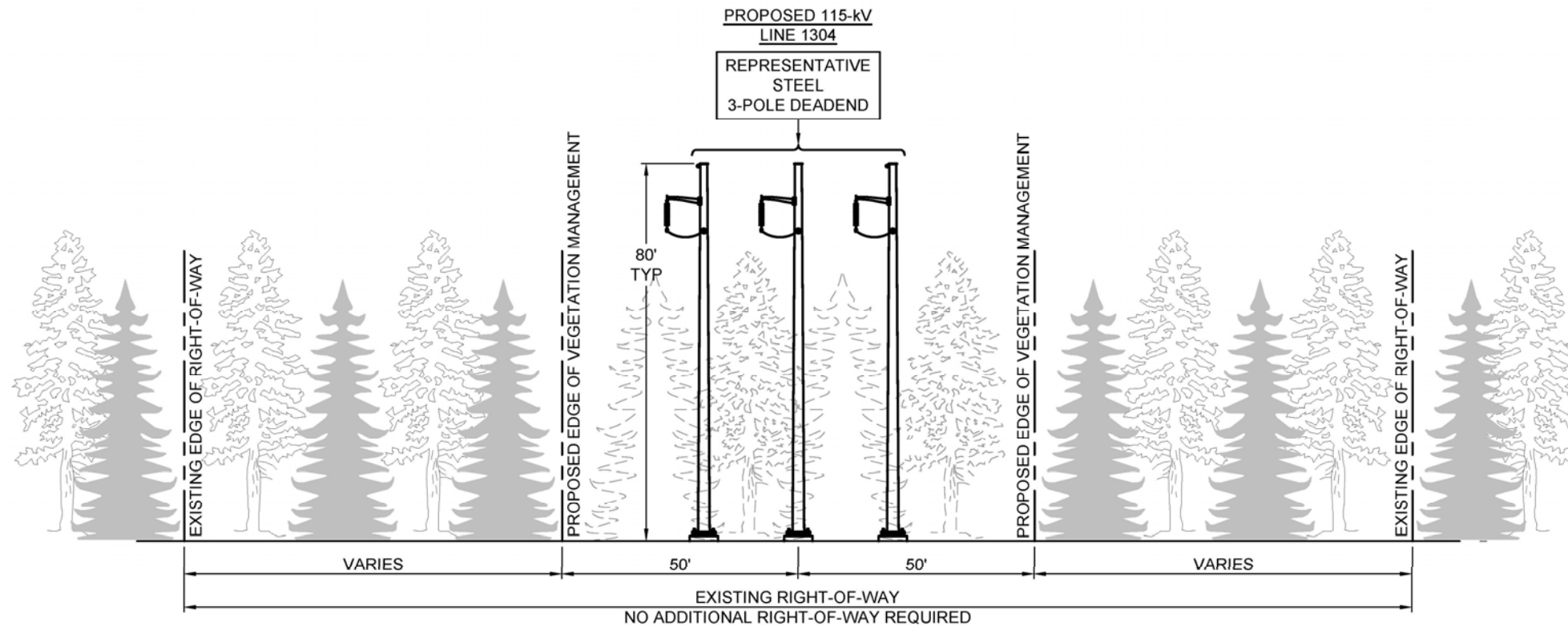
Index Map

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 September 2015

**Frost Bridge to Campville 115-kV Project
Proposed Route
Frost Bridge Substation to Proposed Structure 9
Frost Bridge Road to West of Echo Lake Road
Town of Watertown, CT**



CROSS-SECTION 1 (XS-1) VIEW LOOKING WEST FROM FROST BRIDGE TOWARDS CAMPVILLE SUBSTATION

Note: XS-1 applies to Proposed Structures 1 to 3, Refer to XS-2 on Mapsheet 2 for depiction of Proposed Route from Proposed Structures 4 to 9.

AREA DESCRIPTION

Existing Land Use

- Forested
- Connecticut Department of Energy and Environmental Protection (CT DEEP) Property/Open Space (Mattatuck State Forest)
- CT DEEP Hunting Areas (Mattatuck State Forest)
- Commercial/Industrial (Frost Bridge Substation)
- Recreational (Connecticut Forest and Park Association (CFPA) Hiking Trails – Jericho Trail, Jericho-Whitestone Connector)

Zoning

- Town of Watertown
 - Residential (R-90)
 - Restricted Industrial (I-R 80, I-R 200)
 - General Industrial (I-G 80)

Natural Systems

- Mixed hardwood forests of varying size and age
- State/Federal jurisdictional wetlands and watercourses
- Turkey Brook and its associated tributaries
- Naugatuck River and its associated tributaries
- 100-Year Flood Zone (Naugatuck River)

Visual Character

- Prominent ridges with exposed rock outcrops along the Naugatuck River Valley

RIGHT-OF-WAY DESCRIPTION

Land Use

- Commercial/Industrial (Frost Bridge Substation) east of proposed structure 1E
- Eversource property at Frost Bridge Substation and adjacent to proposed structures 1E to 4
- Recreation (CPFA Jericho-Whitestone Connector Trail) between proposed structures 1E and 1F and between proposed structures 4 and 5 (Jericho Trail)
- CT DEEP Property/Open Space (Mattatuck State Forest) between proposed structures 4 and 9

Wetlands, Watercourses and Waterbodies

- Wetland Nos.: W-FB1, W-FB2, W-FB3, W-FB4, W-FB5, W-FB6, W-A1, W-A2, W-A3, W-A4, W-A5, W-A6, W-A7, W-A8, W-A10
- Wetland Cover Types: Palustrine Emergent (PEM), Palustrine Scrub/Shrub (PSS), Palustrine Forested (PFO)
- Stream Nos.: S-FB1, S-FB2, S-FB3, S-A1, S-A3, S-A4, S-A5 (Turkey Brook), S-A6, S-A7

Potential Access

- Frost Bridge Substation can be accessed from Frost Bridge Road
- Proposed structures 1E to 2 can be accessed from Echo Lake Road
- Proposed structures 3 to 9 can be accessed from existing Mattatuck State Forest access roads originating at Echo Lake Road and entering the ROW between proposed structures 4 and 5

Right-of-Way Vegetation

- Upland and Wetland Forest
- Old Field/Shrub Land

Terrain

- Rocky upland with precipitous outcrops

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

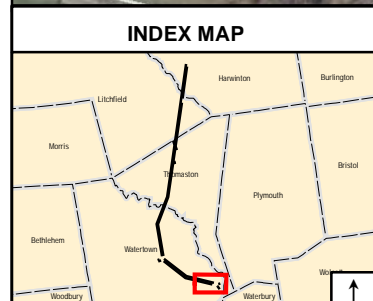
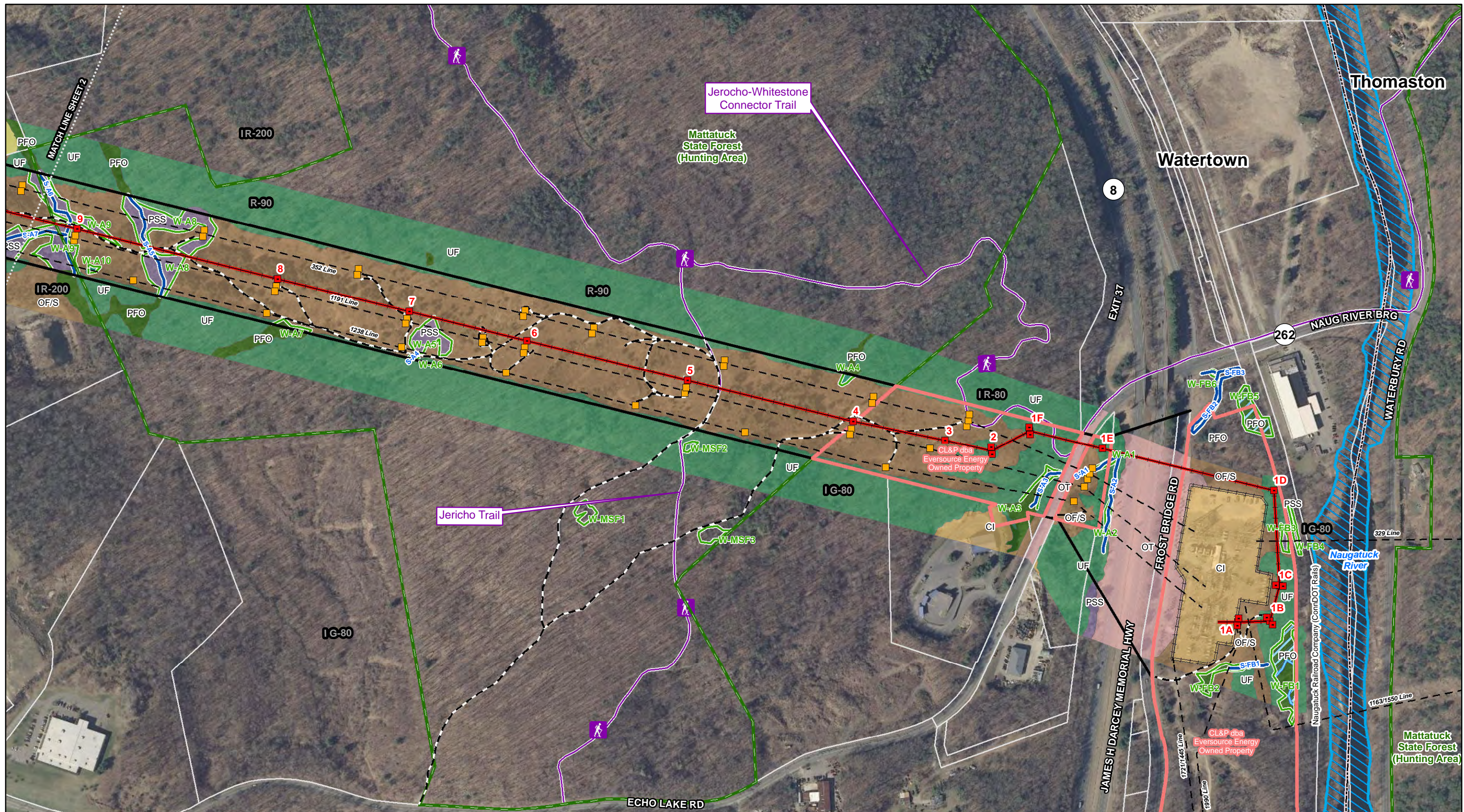
- 400 feet/ 0 feet

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

- 400 feet / varies

Road Crossings / Major Utility Crossings

- James H. Darcey Memorial Highway (Route 8) between Frost Bridge Substation and proposed structure 1E
- Frost Bridge Road (Route 262) between Frost Bridge Substation and proposed structure 1E
- Echo Lake Road between proposed structures 1E and 1F



<ul style="list-style-type: none"> Existing Structure Proposed Structure Right-of-Way (Existing) Existing Transmission Line (Centerline) Proposed 115-kV Line (Centerline) Existing Access Road Marked Trail 	<ul style="list-style-type: none"> National Register Listed Historic Site National Register Listed Historic Place Federal Property Municipal/Private Park or Open Space Wildlife Area or Sanctuary State Forest State Park Natural Diversity Database Area (December 2014) Community Facilities 	<ul style="list-style-type: none"> Aquifer Protection Area (APA) Approximate FEMA 100-Year Flood Zone Trail Points Wetland Boundary Watercourse Connecticut Wetlands Only Parcel Boundary IG-80 Zoning Designation 	<ul style="list-style-type: none"> Eversource Owned Property Municipal Boundary Land Use/Vegetative Cover 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) Agricultural Lands (AG) House/Yard (HY) Other (OT) Proposed Substation Expansion
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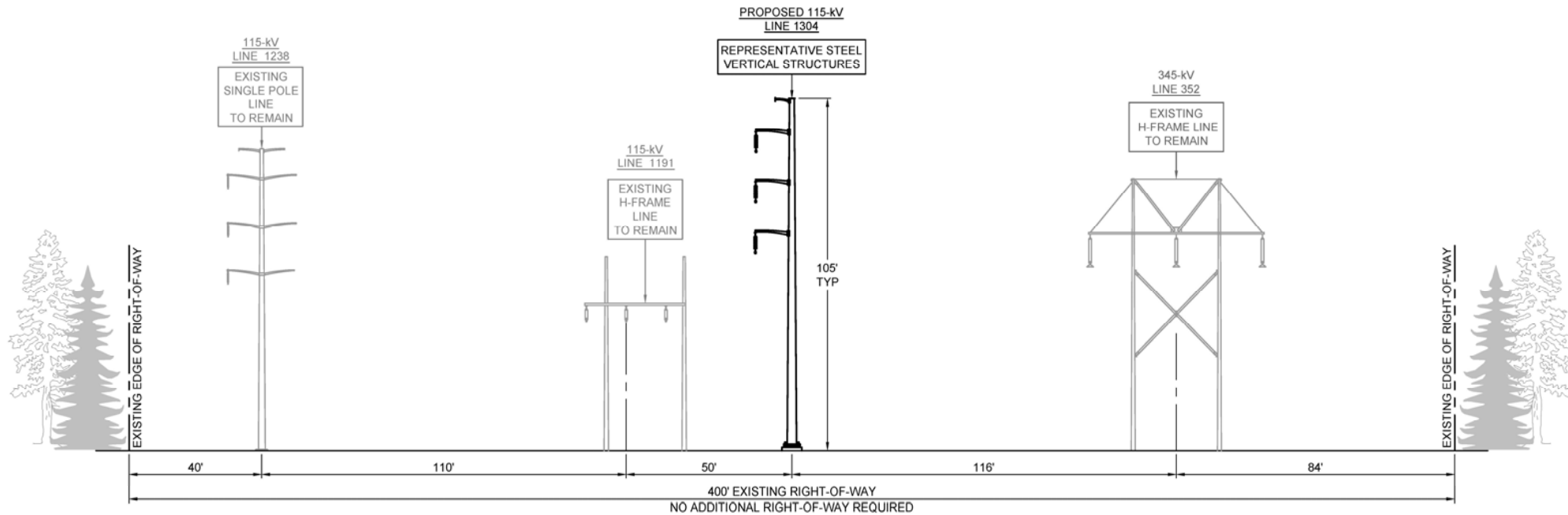
**Frost Bridge to Campville
115-kV Project**
 Watertown, Connecticut
 Mapsheet 1 of 9

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**Frost Bridge to Campville 115-kV Project
Proposed Route
Proposed Structure Locations 10 to 21
East of Park Road to Nova Scotia Hill Road
Town of Watertown, CT**



CROSS-SECTION 2 (XS-2) VIEW LOOKING WEST FROM FROST BRIDGE TOWARDS CAMPVILLE SUBSTATION

AREA DESCRIPTION

Existing Land Use

- Forest
- Agricultural
- Commercial/Industrial
- Residential
- Town and Private Open Space (Veteran’s Memorial Park)
- Recreational (Veteran’s Memorial Park)
- CT DEEP Property/Open Space (Mattatuck State Forest)
- CT DEEP Hunting Area (Mattatuck State Forest)

Zoning

- Town of Watertown
 - Restricted Industrial (I-R 200)
 - Residential (R-30, R-90)

Natural Systems

- Mixed hardwood forests of varying size and age
- State/Federal jurisdictional wetlands and watercourses
- Jericho Brook Pond and its associated tributaries
- Jericho Brook and its associated tributaries

Visual Character

- Rural with rolling agricultural fields and forest land

RIGHT-OF-WAY DESCRIPTION

Land Use

- Residential adjacent to proposed structures 14 and 21
- Commercial/Industrial adjacent to proposed structures 15 and 16
- Town and Private Open Space (Veteran’s Memorial Park) between and adjacent to proposed structures 3097 to 3100
- Eversource property adjacent to Structure 3100

Wetlands, Watercourses and Waterbodies

- Wetland Nos.: W-A9, W-A11, W-A12, W-B1, W-B2, W-B3, W-B4, W-B5, W-B6, W-B7, W-B8, W-B9
- Wetland Cover Types: Palustrine Open Water (POW), PEM, PSS, PFO
- Stream Nos.: S-A6, S-A7

Potential Access

- Proposed structures 10 to 20 can be accessed from Park Road
- Proposed structure 21 can be accessed from Nova Scotia Hill Road

Right-of-Way Vegetation

- Old Field/Shrub Land
- Upland and Wetland Forest
- Agricultural

Terrain

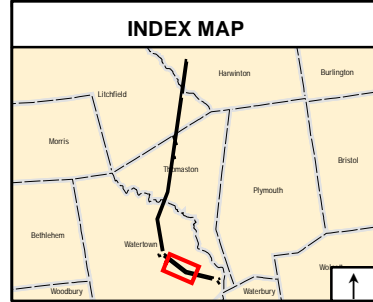
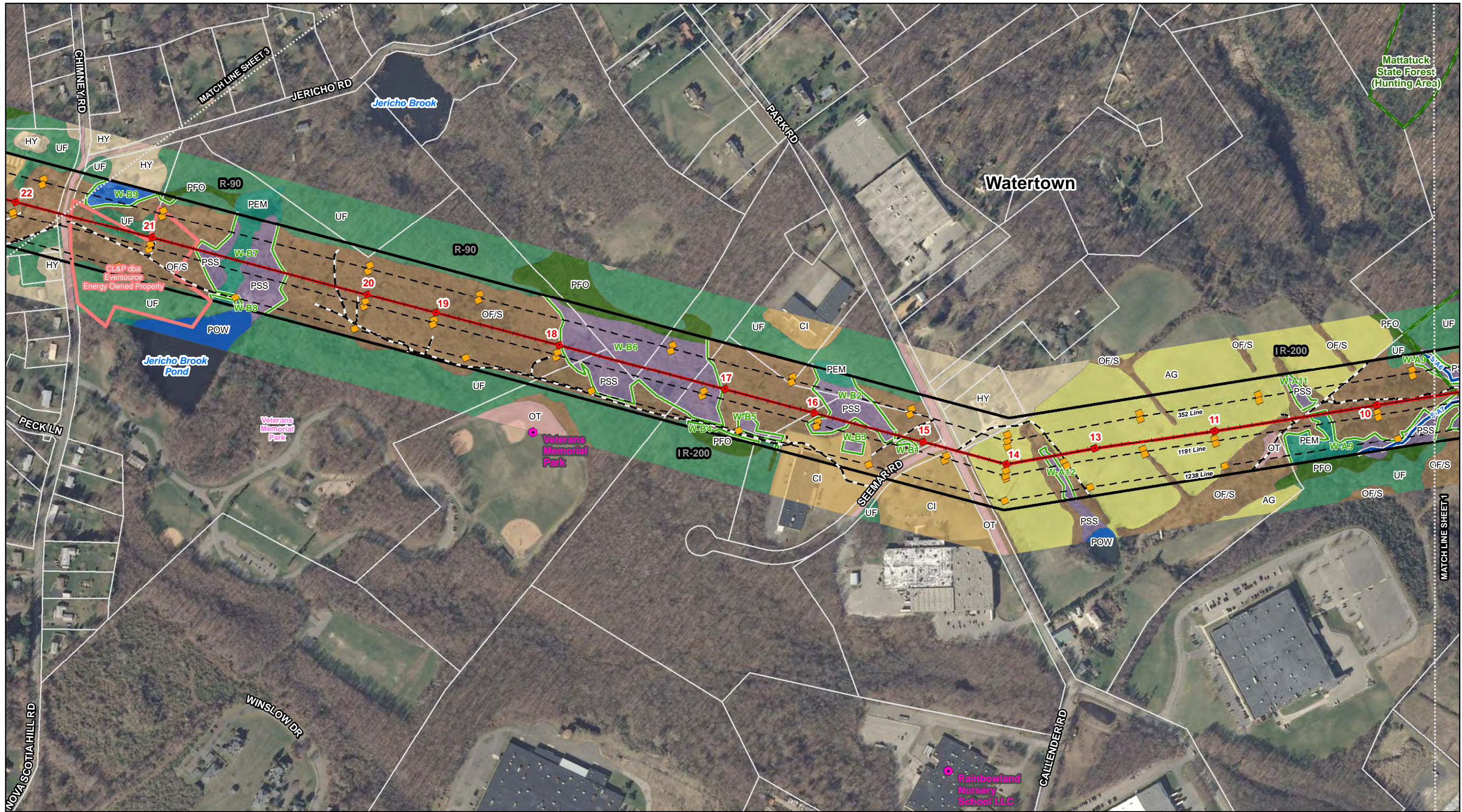
- Level with sloped areas at wetland/upland transitions

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

- 400 feet / 0 feet

Road Crossings / Major Utility Crossings

- Park Road between proposed structures 14 and 15
- Seemar Road adjacent to proposed structure 15
- Nova Scotia Hill Road between proposed structures 21 and 22 (Mapsheets 3)



<ul style="list-style-type: none"> Existing Structure Proposed Structure Right-of-Way (Existing) Existing Transmission Line (Centerline) Proposed 115-kV Line (Centerline) Existing Access Road Marked Trail 	<ul style="list-style-type: none"> National Register Listed Historic Site National Register Listed Historic Place Federal Property Municipal/Private Park or Open Space Wildlife Area or Sanctuary State Forest State Park Natural Diversity Database Area (December 2014) Community Facilities 	<ul style="list-style-type: none"> Aquifer Protection Area (APA) Approximate FEMA 100-Year Flood Zone Trail Points Wetland Boundary Watercourse Connecticut Wetlands Only Parcel Boundary IG-80 Zoning Designation 	<ul style="list-style-type: none"> Eversource Owned Property Municipal Boundary Land Use/Vegetative Cover Emergent Wetland (PEM) Forested Wetland (PFO) Scrub-Shrub Wetland (PSS) Open Water (POW) 	<ul style="list-style-type: none"> Old Field-Shrub Land (OF/S) Upland Forest (UF) Commercial/Industrial (CI) Agricultural Lands (AG) House/Yard (HY) Other (OT) Proposed Substation Expansion
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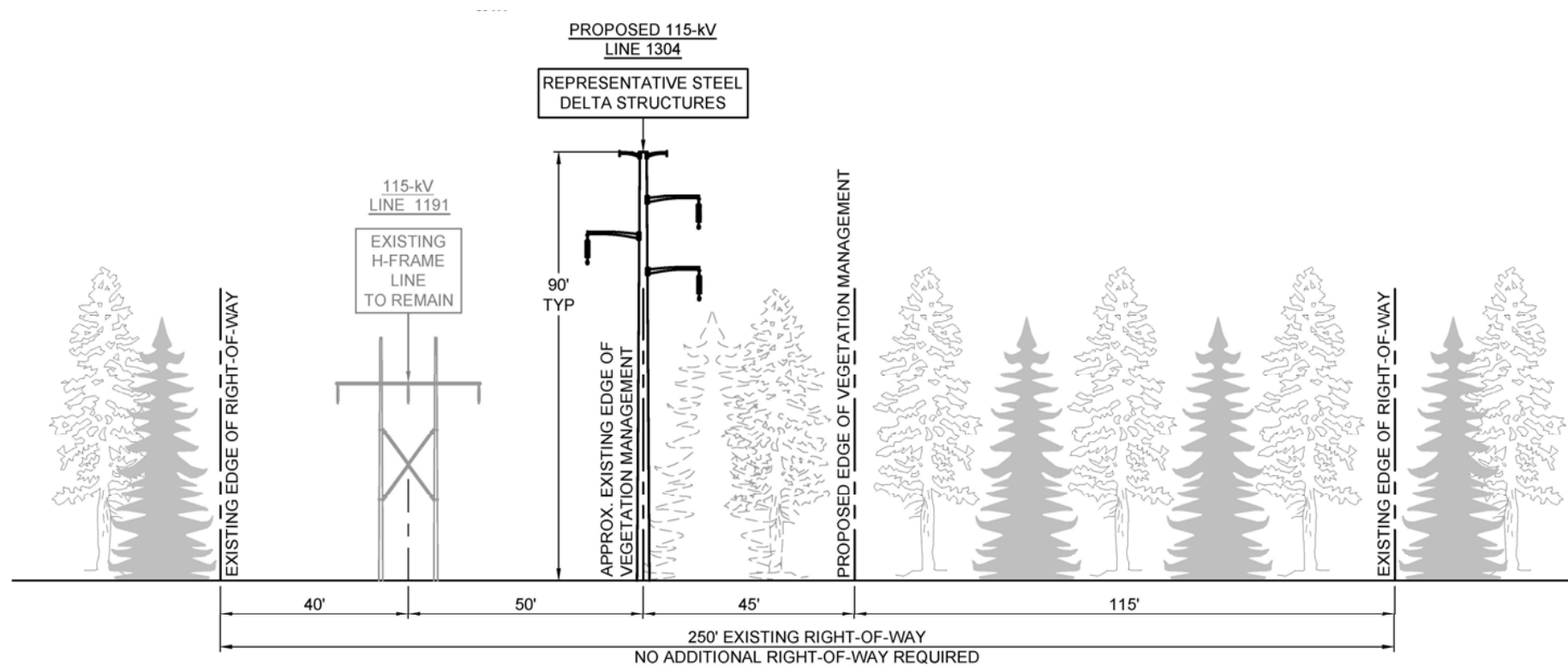
**Frost Bridge to Campville
115-kV Project**
 Watertown, Connecticut
 Mapsheet 2 of 9

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**Frost Bridge to Campville 115-kV Project
Proposed Route
Proposed Structure Locations 22 to 35
Nova Scotia Hill Road to North of Thomaston Road (Route 6)
Town of Watertown, CT**



CROSS-SECTION 3 (XS-3) VIEW LOOKING NORTH FROM FROST BRIDGE TOWARDS CAMPVILLE SUBSTATION

Note: XS-3 (depicted) applies to Proposed Route from Proposed Structures 26 to 35. Refer to XS-2 on Mapsheet 2 for depiction of Proposed Route from Proposed Structures 22 to 25.

AREA DESCRIPTION

Existing Land Use

- CT DEEP Property/Open Space (Black Rock State Park)
- Forested
- Town and Private Open Space (Crestbrook Park and Golf Club)
- Recreational (Crestbrook Park and Golf Club)
- Residential
- Commercial/Industrial

Zoning

- Town of Watertown
 - Residential (R-30, R-70, R-90)
 - Business (B-L)

Natural Systems

- Mixed hardwood forests of varying size and age
- State/Federal jurisdictional wetlands and watercourses
- Lockwood Pond and its associate tributaries
- Hannon Pond and its associated tributaries
- Natural Diversity Database Area

Visual Character

- Forest land, residential
- Irregular bedrock-controlled topography within Black Rock State Park

RIGHT-OF-WAY DESCRIPTION

Land Use

- Commercial/Industrial adjacent to proposed structures 22 and 23 (greenhouses)
- Upland and/or wetland forest adjacent to proposed structures 26 to 35
- CT DEEP Property/Open Space (Black Rock State Park) between and adjacent to structures 32 and 35
- Residential adjacent to proposed structure 27

Wetlands, Watercourses and Waterbodies

- Wetland Nos.: W-B-11, W-C1, W-C2, W-C3, W-C4, W-C5, W-C6, W-C7, W-C8, W-C10, W-C12, W-C14, W-C15, W-C16
- Wetland Cover Types: POW, PSS, PFO
- Stream Nos.: S-B1, S-B2, S-B3, S-C1, S-C3, S-C4, S-C5

Potential Access

- Proposed structures 22 and 23 can be accessed from Nova Scotia Hill Road
- Proposed structures 24 to 35 can be accessed from High Meadow Road (west of Purgatory Junction)

Right-of-Way Vegetation

- Old Field/Shrub Land
- Upland and Wetland Forest

Terrain

- Irregular bedrock-controlled topography with common rock outcroppings

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

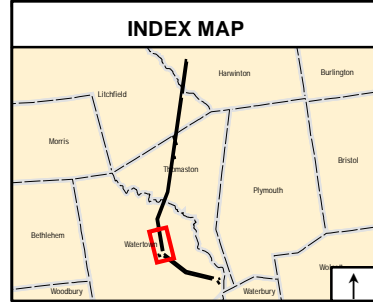
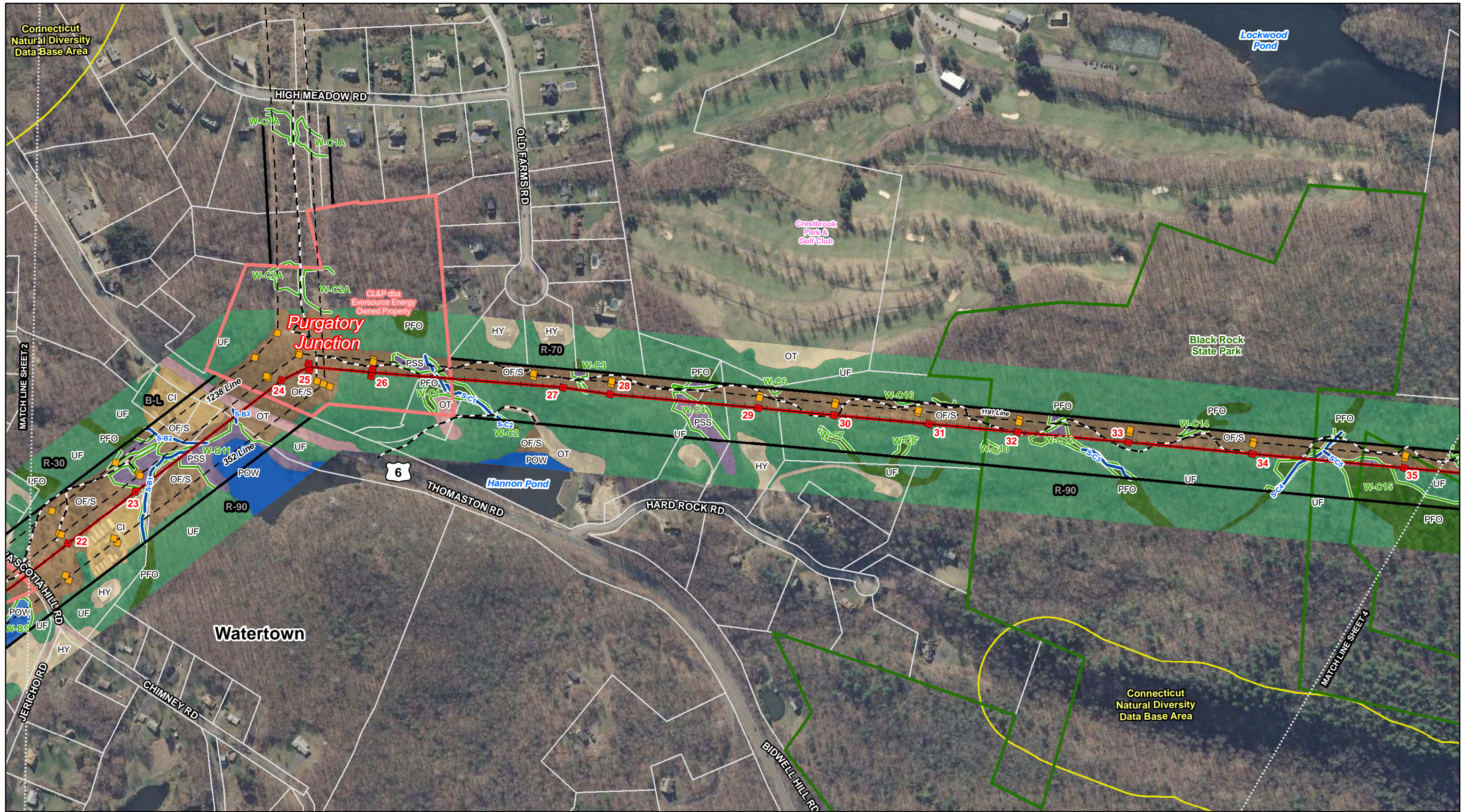
- 400 feet / 0 feet (south of Purgatory Junction)
- 250 feet / 0 feet (north of Purgatory Junction)

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

- 400 feet / 0 feet (south of Purgatory Junction)
- 90 feet / 45 feet (north of Purgatory Junction)

Road Crossings / Major Utility Crossings

- Thomaston Road (Route 6) between proposed structures 23 and 24
- Eversource 1238 & 352 Transmission Lines (Purgatory Junction) adjacent to proposed structure 25



<ul style="list-style-type: none"> Existing Structure Proposed Structure Right-of-Way (Existing) Existing Transmission Line (Centerline) Proposed 115-kV Line (Centerline) Existing Access Road Marked Trail 	<ul style="list-style-type: none"> National Register Listed Historic Site National Register Listed Historic Place Federal Property Municipal/Private Park or Open Space Wildlife Area or Sanctuary State Forest State Park Natural Diversity Database Area (December 2014) Community Facilities 	<ul style="list-style-type: none"> Aquifer Protection Area (APA) Approximate FEMA 100-Year Flood Zone Trail Points Wetland Boundary Watercourse Connecticut Wetlands Only Parcel Boundary IG-80 Zoning Designation 	<ul style="list-style-type: none"> Eversource Owned Property Municipal Boundary Land Use/Vegetative Cover 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) Agricultural Lands (AG) House/Yard (HY) Other (OT) Proposed Substation Expansion
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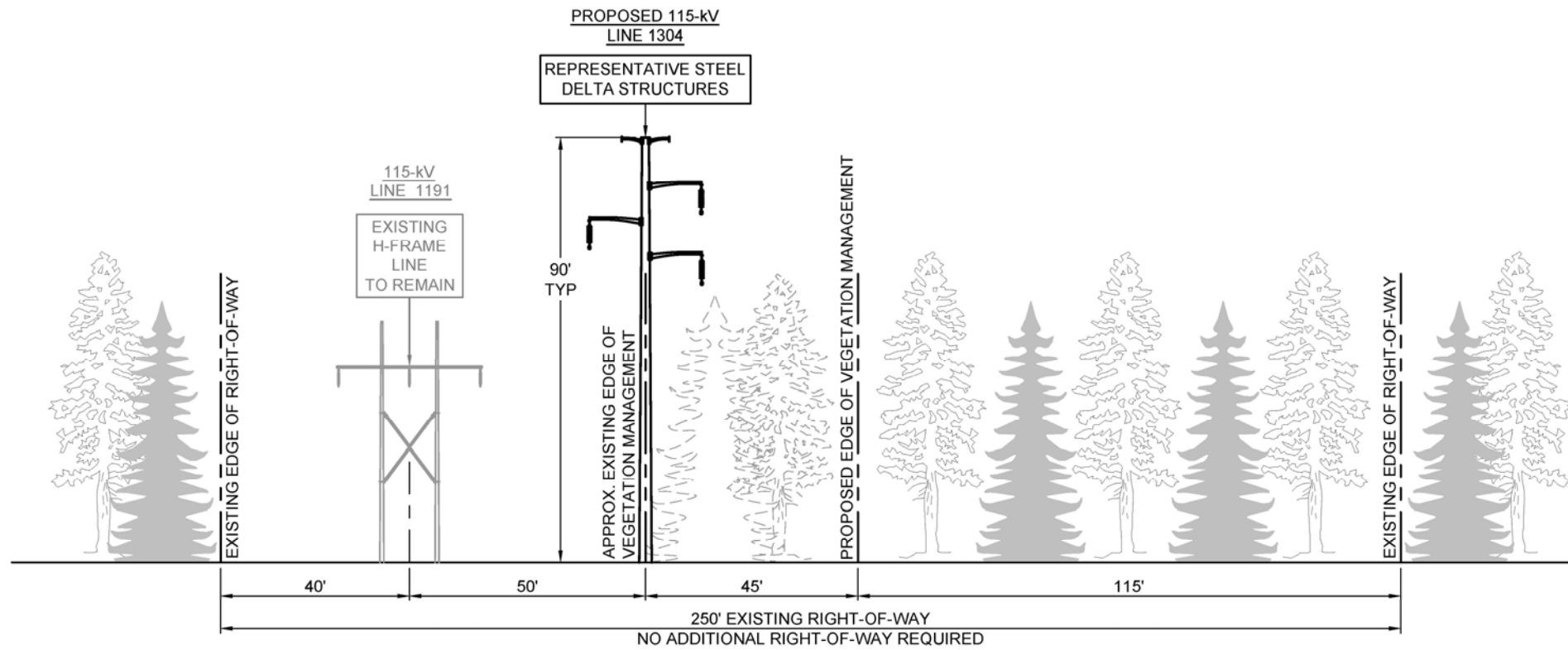
**Frost Bridge to Campville
115-kV Project**
 Watertown, Connecticut
 Mapsheet 3 of 9

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**Frost Bridge to Campville 115-kV Project
Proposed Route
Proposed Structure Locations 36 to 46
North of Thomaston Road (Route 6) to Old Branch Road
Towns of Watertown and Thomaston, CT**



CROSS-SECTION 3 (XS-3) VIEW LOOKING NORTH FROM FROST BRIDGE TOWARDS CAMPVILLE SUBSTATION

AREA DESCRIPTION

Existing Land Use

- CT DEEP Property/Open Space (Black Rock State Park)
- Forested
- Town and Private Open Space (Crestbrook Park and Golf Club)
- Recreational (CFPA Hiking Trail – Mattatuck Trail, Black Rock State Park Trail – Red Loop, and unblazed Black Rock State Park recreational trails)
- Branch Brook Reservoir (Black Rock) Dam
- Residential
- Commercial/Industrial

Zoning

- Town of Watertown
 - Residential (R-90)
- Town of Thomaston
 - Residential (RA-15, RA-40)

Natural Systems

- Mixed hardwood forests of varying size and age
- State/Federal jurisdictional wetlands and watercourses
- Lockwood Pond and its associated tributaries
- Black Rock Pond and its associate tributaries
- Branch Brook and its associated tributaries
- 100-Year Flood Zone (Branch Brook)
- Natural Diversity Data Base Area

Visual Character

- Forest land with irregular bedrock-controlled topography and common rock outcroppings

RIGHT-OF-WAY DESCRIPTION

Land Use

- Upland and/or wetland forest adjacent to proposed structures 36 to 46
- CT DEEP Property/Open Space (Black Rock State Park) between and adjacent to proposed structures 36 to 46
- Recreational (CFPA Mattatuck Trail and Black Rock State Park Red Loop) between proposed structures 43 and 45
- Branch Brook Reservoir Dam north of proposed structure 46

Wetlands, Watercourses and Waterbodies

- Wetland Nos.: W-C15, W-C18, W-C20, W-C21, W-C23
- Wetland Cover Types: POW, PSS, PFO
- Stream Nos.: S-C6, S-C7, S-C8 (Branch Brook), S-C9

Potential Access

- Proposed structures 36 and 46 can be accessed from High Meadow Road (west of Purgatory Junction)

Right-of-Way Vegetation

- Old Field/Shrub Land
- Upland and Wetland Forest

Terrain

- Steep irregular bedrock-controlled topography and common rock outcroppings

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

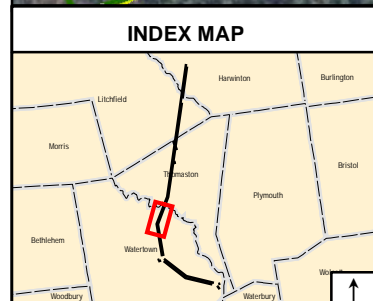
- 250 feet / 0 feet

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

- 90 feet / 45 feet

Road Crossings / Major Utility Crossings

- Old Branch Road north of proposed structure 46

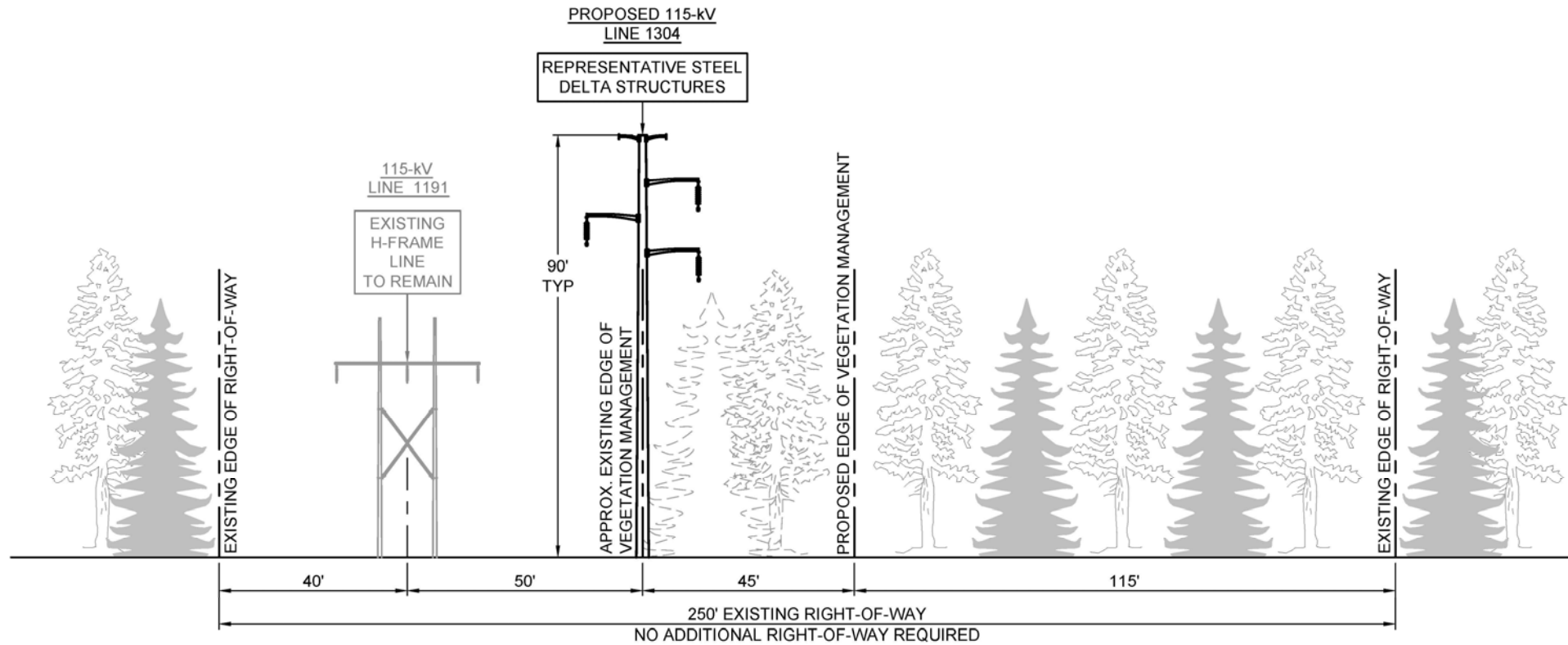


<ul style="list-style-type: none"> Existing Structure Proposed Structure Right-of-Way (Existing) Existing Transmission Line (Centerline) Proposed 115-kV Line (Centerline) Existing Access Road Marked Trail 	<ul style="list-style-type: none"> National Register Listed Historic Site National Register Listed Historic Place Federal Property Municipal/Private Park or Open Space Wildlife Area or Sanctuary State Forest State Park Natural Diversity Database Area (December 2014) Community Facilities 	<ul style="list-style-type: none"> Aquifer Protection Area (APA) Approximate FEMA 100-Year Flood Zone Trail Points Wetland Boundary Watercourse Connecticut Wetlands Only Parcel Boundary R-90 Zoning Designation 	<ul style="list-style-type: none"> Eversource Owned Property Municipal Boundary Land Use/Vegetative Cover 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) Agricultural Lands (AG) House/Yard (HY) Other (OT) Proposed Substation Expansion
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**Frost Bridge to Campville
115-kV Project**
 Watertown/Thomaston, Connecticut
 Mapsheet 4 of 9

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 September 2015

**Frost Bridge to Campville 115-kV Project
Proposed Route
Proposed Structure Locations 47 to 59
Branch Road (Route 109) to North of Branch Road (Route 109)
Town of Thomaston, CT**



CROSS-SECTION 3 (XS-3) VIEW LOOKING NORTH FROM FROST BRIDGE TOWARDS CAMPVILLE SUBSTATION

AREA DESCRIPTION

Existing Land Use

- CT DEEP Property/Open Space (Mattatuck State Forest, Black Rock State Park)
- CT DEEP Hunting Area (Mattatuck State Forest)
- Forested
- Town and Private Open Space (Dug Road, Thomaston Fish and Game Club)
- Agricultural

Zoning

- Town of Thomaston
 - Residential (RA-15, RA-40)

Natural Systems

- Mixed hardwood forests of varying size and age
- State/Federal jurisdictional wetlands and watercourses
- Morton Pond and its associated tributaries
- Natural Diversity Data Base Area

Visual Character

- Forest land and rocky with prominent outcrops

RIGHT-OF-WAY DESCRIPTION

Land Use

- Upland and/or wetland forest adjacent to proposed structures 47 to 59
- CT DEEP Property/Open Space (Mattatuck State Forest, Black Rock State Park) between and adjacent to proposed structures 47 to 50
- CT DEEP Hunting Area (Mattatuck State Forest) between and adjacent to proposed structures 48 to 50
- Eversource Property between proposed structures 52 to 54
- Maintained fields adjacent to proposed structure 56 (shooting range)
- Town and Private Open Space (Thomaston Fish and Game Club) between and adjacent to structures 55 to 57
- Agricultural between and adjacent to proposed structures 58 to 59

Wetlands, Watercourses and Waterbodies

- Wetland Nos.: W-D1, W-D2, W-D3, W-D4, W-D5, W-D6, W-D15
- Wetland Cover Types: POW, PEM, PSS, PFO
- Stream Nos.: S-D1, S-D2, S-D3

Potential Access

- Proposed structures 3128 can be accessed by Branch Road (Route 109)
- Proposed structures 3129 to 3141 can be accessed from Old Northfield Road

Right-of-Way Vegetation

- Old Field/Shrub Land
- Upland and Wetland Forest
- Agricultural

Terrain

- Irregular with rock outcrops

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

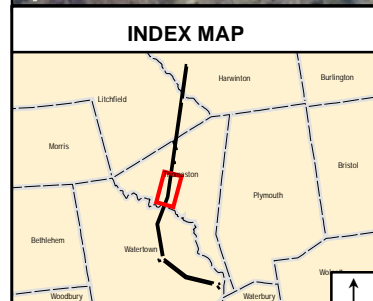
- 250 feet / 0 feet

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

- 90 feet / 45 feet

Road Crossings / Major Utility Crossings

- Branch Road (Route 9) between proposed structures 47 and 48



<ul style="list-style-type: none"> Existing Structure Proposed Structure Right-of-Way (Existing) Existing Transmission Line (Centerline) Proposed 115-kV Line (Centerline) Existing Access Road Marked Trail 	<ul style="list-style-type: none"> National Register Listed Historic Site National Register Listed Historic Place Federal Property Municipal/Private Park or Open Space Wildlife Area or Sanctuary State Forest State Park Natural Diversity Database Area (December 2014) Community Facilities 	<ul style="list-style-type: none"> Aquifer Protection Area (APA) Approximate FEMA 100-Year Flood Zone Trail Points Wetland Boundary Watercourse Connecticut Wetlands Only Parcel Boundary IG-80 Zoning Designation 	<ul style="list-style-type: none"> Eversource Owned Property Municipal Boundary Land Use/Vegetative Cover Emergent Wetland (PEM) Forested Wetland (PFO) Scrub-Shrub Wetland (PSS) Open Water (POW) 	<ul style="list-style-type: none"> Old Field-Shrub Land (OF/S) Upland Forest (UF) Commercial/Industrial (CI) Agricultural Lands (AG) House/Yard (HY) Other (OT) Proposed Substation Expansion
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**Frost Bridge to Campville
115-kV Project**
 Thomaston, Connecticut
 Mapsheet 5 of 9

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