

MAPSHEET 4 of 7 – Fairfield to Congress Railroad Transmission Line 115-kV Rebuild Project
Proposed Route, CT DOT Railroad Corridor - Eliot Street, west of US Highway 1 to CT DOT Railroad Corridor – Black Rock Turnpike And UI ROW – CT DOT Railroad Corridor to Ash Creek Substation
Town of Fairfield and City of Bridgeport, Fairfield County, CT

AREA DESCRIPTION

Existing Land Use

- Commercial
- Industrial/Business
 - UI Ash Creek Substation, 66 Poland St, Bridgeport
- Recreational / Open Space
 - Creek Riverside Open Space, 111 Riverside Dr, Fairfield
 - Fairfield Metro Conservation Area, Ash Creek Blvd, Fairfield
 - Grasmere Open Space, 198 Home St, Fairfield
 - Harold R Woods Wetland Open Space-Turkey Creek Marsh, 110 Shoreham Terrace, Fairfield

Zoning¹

- Town of Fairfield
 - Designed Industrial District (DI)
 - Residence A District (A) and Residence B District (B)
 - Designed Commercial District (DCD)
 - Commerce Drive Area Designed District (CDADD)
- City of Bridgeport
 - Residential-Office Center (RX2)
 - Neighborhood Mix 3 (NX3)
 - Utility-Energy Infrastructure (P4)

Natural Systems

- State/Federal Jurisdictional Wetlands and Watercourses
- FEMA 100-Year and 500-Year Flood Zones
- CT DEEP Inland Wetland Soils / CT DEEP Tidal Wetland Soils
- CT NDDB Area / CT DEEP Critical Habitat
- CT DEEP Coastal Management Area
- Ash Creek

Visual Character

- CT DOT Railroad Corridor (Metro North Railroad)
- Lattice towers and UI overhead lines to the Ash Creek Substation
- Urban-suburban environments, low profile commercial/industrial buildings, roadways, and parking areas
- Tidal floodplain and riparian areas along Ash Creek, deciduous woodlands, and waterway environments

Community Facilities

- Bright Beginnings Early Childhood Program, 356 Black Rock Turnpike, Fairfield
- Bright Horizons at Fairfield, 682 Commerce Dr, Fairfield
- Pumpkin Preschool, 449 Grasmere Avenue, Fairfield
- The Learning Experience – Fairfield, 1375 Kings Highway, Fairfield
- Fairfield Metro Train Station, 61 Constant Comment Way, Fairfield
- Cora Wright Early Learning Center, 233 Bennett St, Bridgeport
- Fusion Academy Fairfield, 777 Commerce Dr, Fairfield

Historic and Cultural Resources

- Fairfield Historic District - NRHD

CT DOT CORRIDOR TO ASH CREEK SUBSTATION DESCRIPTION AND PROPOSED UI FACILITIES

Existing UI ROW

- Total UI ROW Width: Varies, 40 - 192 feet

Proposed UI 115-kV Transmission Lines and Proposed Project Activities

- 1430 and 91001-2 lines in UI ROW: Remove 115-kV Components and Lattice Towers AC1, AC2 and AC3 leading to the Ash Creek Substation
- 1430 line on east side of UI ROW to Ash Creek Substation: Rebuild 115-kV Transmission Line on single circuit monopoles
 - Construct Transmission Line Structures P713ES, P713ES-1, P713ES-2
- 91001-2 line on west side of UI ROW to Ash Creek Substation: Rebuild 115-kV Transmission Line on single circuit monopoles
 - Construct Transmission Line Structures P714WS, P714WS-1, P714WS-2, P714WS-3
- Rebuild of existing 115-kV transmission interconnection at Ash Creek Substation

Proposed Additional UI Easement

- West Side: 0 feet (Kenard St ROW) / East Side: 0 to 42 feet

UI ROW Vegetation, Wetlands, and Waterbodies

- Freshwater and tidal marshes, tidal mud flats, and low deciduous trees and shrubs
- Wetland W-H – PEM/PSS
- Tidal Wetland TW-I – E1UBL
- Tidal Watercourses TWC-11, TWC-12 – R5UBh1
- Tidal Watercourse Ash Creek – E1UBL

Terrain

- Flat marsh areas with walking trails in conservation area
- Riverbanks and riparian areas along Ash Creek and an island within the creek

CT DOT PROPERTY: RAILROAD CORRIDOR DESCRIPTION AND PROPOSED UI FACILITIES

CT DOT Corridor Property

- Total Corridor Width: Varies, 99 - 189 feet
- Number of Railroad Tracks (Metro North Railroad) = 4
- Distance from center of existing southern catenary structure to southern CT DOT Corridor boundary = Varies, 19 - 70 feet

CT DOT PROPERTY: RAILROAD CORRIDOR DESCRIPTION AND PROPOSED UI FACILITIES (continued)

Proposed UI 115-kV Transmission Lines and Proposed Project Activities

- 1430 line on south side of CT DOT Corridor: Remove Existing Bonnets and 115-kV Components on Catenary Structures 703S, 703AS, 704S through 706S, 706AS, 707S through 710S, 710AS, 711S, 711AS, 712S, 713S
- 91001-2 line on south side of CT DOT Corridor: Remove Existing Bonnets and 115-kV Components on Catenary Structures 714S through 720S, 720AS, 721S, 721AS, 722S, 723S
- 1430 line on south side of CT DOT Corridor: Rebuild 115-kV Transmission Line on single circuit monopoles to the south of the railroad tracks
 - Construct Transmission Line Structures P703S through P713S
- 91001-2 line on south side of CT DOT Corridor: Rebuild 115-kV Transmission Line on single circuit monopoles to the south of the railroad tracks
 - Construct Transmission Line Structures P716S through P723S
 - Reconductor² 115-kV Components on existing Transmission Line Structures TP717S and TP718S
- 1130 Line along north side of CT DOT Corridor to remain

Proposed UI Easement Boundary Outside of CT DOT Corridor Boundary

- North Side: 0 feet / South Side: 0 feet, except for: P707S to P723S - 0 to 35 feet

Wetlands, Watercourses and Waterbodies

- Wetland W-G – PEM
- Wetland W-H – PEM/PSS
- Watercourses WC-7, WC-8, WC-9, WC-10 – R5UBh1

CT DOT Railroad Corridor Vegetation

- None on CT DOT railroad corridor within existing catenary structures and rail clear zones (managed and maintained by CT DOT)
- Stands of mixed deciduous/evergreen trees and shrubs within CT DOT corridor boundary outside of CT DOT maintained limits
- Wetland/watercourse cover types noted above
- Tidal marsh grass and vegetation associated with Ash Creek floodplain

Terrain

- Flat railroad corridor area with variably steep, ballasted embankment slopes bordered by flat to hilly terrain
- Railroad corridor passes under existing elevated roadway overpass at US Highway 1, Grasmere Avenue, Ash Creek Boulevard, and Black Rock Turnpike

Road Crossings / Major Utility Crossings³

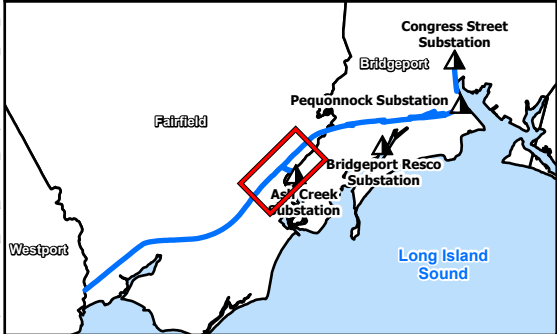
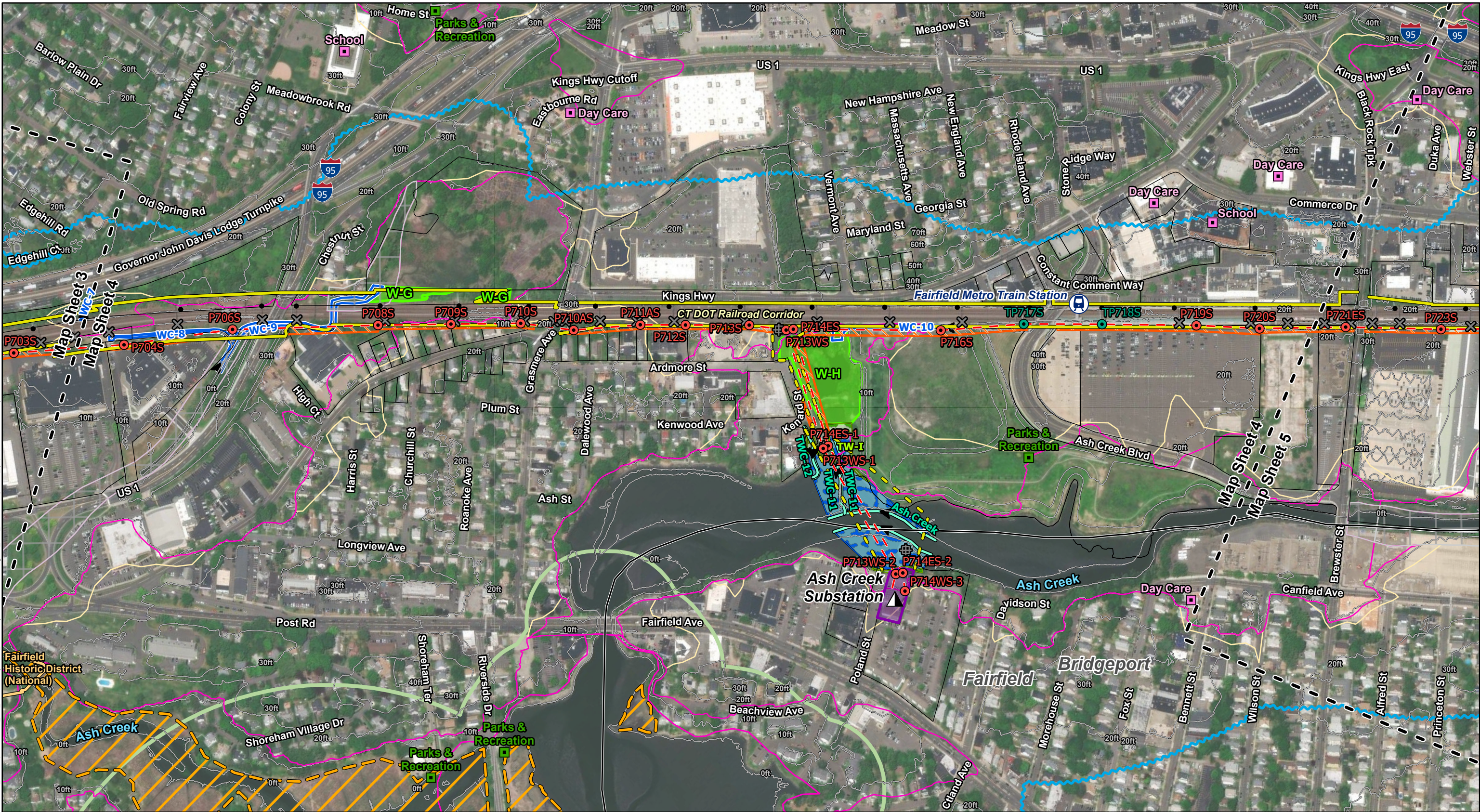
- US Highway 1, Grasmere Avenue, Ash Creek Blvd, Black Rock Turnpike

¹ Zoning Designations along the Proposed Route are included on the UI 115-kV Railroad Project 100-scale maps, also see Attachment V2.1 Overview Maps and Legends for Zoning District Key

² “Reconductor 115-kV Components” typically means removal of existing 115-kV conductor cables, insulators, and hardware from the existing structure and replacement with new 115-kV conductors, insulators, and hardware installed on the existing structure in accordance with project requirements.

³ UI would coordinate with other underground and overhead utility companies, municipalities, CT DOT and Metro North Railroad regarding the location of utility and transportation facilities

N:\0025411_011_GIS\ArcGIS-Pro\002541101_040_T-LineRebuild_220114\002541101_040_400ScaleMapSeries_220928.aprx
FairfieldToCongress_MCF_400ScaleMapSeries_19/28/2022 10:41 AM | EMBoken



Map Legend			
Proposed Single Circuit Transmission Line Structure	Existing CTDOT Corridor Boundary	Open Space Recreation Area	10ft Contour
Existing Structure to be Reconductored	Existing UI Easement (Estimated)	Train Station	Field Delineated Wetland
Substation	Proposed UI Permanent Easement	UI-Owned Property	Delineated Tidal Wetland
Existing UI Lattice Tower To Be Removed	Existing Transmission Structure to Remain	Parcel Boundary	Delineated Tidal Watercourse
Existing Bonnet To Be Removed	National or State Historic Resource Area	CT DEEP Critical Habitat	CT DEEP Coastal Area
Proposed Centerline of Rebuilt 115-kV Line	Community Facility	FEMA Floodway	Natural Diversity Database Area (NDDB)
		FEMA 100-Year Floodplain	Intertidal Flats
		FEMA 500-Year Floodplain	

UI 115 KV RAILROAD PROJECT – FAIRFIELD TO CONGRESS

FAIRFIELD & BRIDGEPORT, CT

Coordinate System:
NAD 1983 (2011) State Plane Connecticut FIPS 0600 (US Feet)
Linear Units: Foot US

Revised: 9/28/2022

0 200 400 Feet
1" = 400'

Westwood

SHEET 4 OF 7

MAPSHEET 5 of 7 – Fairfield to Congress Railroad Transmission Line 115-kV Rebuild Project
Proposed Route, CT DOT Railroad Corridor – Black Rock Turnpike to CT DOT Railroad Corridor – Bostwick Avenue
Town of Fairfield and City of Bridgeport, Fairfield County, CT

AREA DESCRIPTION

Existing Land Use

- Residential, Commercial, Industrial/Business
- Commercial
- Industrial/Business
- Recreational / Open Space
 - West End Park, 1600 CT Route 130, Bridgeport

Zoning¹

- Town of Fairfield
 - Designed Industrial District (DI)
 - Commerce Drive Area Designed District (CDADD)
- City of Bridgeport
 - Mixed Residential 1 (NX3)
 - Mixed-Use Centers (MX2)
 - Neighborhood Mix 2 (NX2)
 - Heavy Commercial-Wholesale (CX)
 - Industrial (I)
 - Residential-Office Center (RX2)

Natural Systems

- State/Federal Jurisdictional Wetlands and Watercourses
- FEMA 100-Year and 500-Year Flood Zones
- CT DEEP Inland Wetland Soils / CT DEEP Tidal Wetland Soils
- CT NDDDB Area
- CT DEEP Coastal Management Area
- Ash Creek

Visual Character

- CT DOT Railroad Corridor (Metro North Railroad)
- Urban-suburban environments, low profile commercial/industrial buildings, and parking areas
- Waterway environments

Community Facilities

- Bright Beginnings Early Childhood Program, 356 Black Rock Turnpike, Fairfield
- Family Child Care, 1668 Fairfield Ave, Bridgeport
- Liz Learn and Play Child Care, 77 Davis Ave, Bridgeport
- Mary Immaculate Day Care Center, 1111 Wordin Ave, Bridgeport
- Steamulating Young Minds Imagination Academy, 246 Lenox Ave, Bridgeport
- Sunflower Family Learning Center, 24 Whittier St, Bridgeport
- West End Child Care, 361 Bird St, Bridgeport
- Geraldine Claytor Magnet Academy, 240 Ocean Terrace, Bridgeport
- Park City Prep Charter School, 1550 State St, Bridgeport
- Whittier Elementary School, 82 Whittier St, Bridgeport
- Wakeman Boys And Girls Club Smilow Burroughs Summer Camp, 2414 Fairfield Ave, Bridgeport

Historic and Cultural Resources

- Cassidy House, 691 Ellsworth Street, Bridgeport - NRHP
- Railroad Avenue Industrial District, Bridgeport – NRHD
- West End Congregation – Achavath Achim Synagogue, 725 Hancock Ave - NRHP

CT DOT PROPERTY: RAILROAD CORRIDOR DESCRIPTION AND PROPOSED UI FACILITIES

CT DOT Corridor Property

- Total Corridor Width: Varies, 66 - 236 feet
- Number of Railroad Tracks (Metro North Railroad) = 4
- Distance from center of existing southern catenary structure to southern CT DOT Corridor boundary = Varies, 2 – 48 feet
- Distance from center of existing northern catenary structure to northern CT DOT Corridor boundary = Varies, 2 – 120 feet

Proposed UI 115-kV Transmission Lines and Proposed Project Activities

- 91001-2 line on south side of CT DOT Corridor: Remove Existing Bonnets and 115-kV Components on Catenary Structures 723S through 733S, 736S, 736AS, 737S, 738AS, 739S through 742S
- 1130 line on north side of CT DOT Corridor: Remove Existing Bonnets and 115-kV Components on Catenary Structures 737N, 738N, 738BN, 739N through 742N
- 1130 line on north side of CT DOT Corridor: Remove 115-kV Components and Top Portion of Pole 736N
- 91001-2 line on south side of CT DOT Corridor: Rebuild 115-kV Transmission Line on single circuit monopoles
 - Construct Transmission Line Structures P723S through P737S. Cross over railroad tracks from P737S to P737N
 - Reconductor² 115-kV Components on existing Transmission Line Structure TP734S and TP735S
- 1130 line on north side of CT DOT Corridor: Rebuild 115-kV Transmission Line on single circuit monopoles
 - Construct Transmission Line Structures P736NN
 - Reconductor² 115-kV Components on existing Transmission Line Structure TP735N
- 91001-2 and 1130 lines on north side of CT DOT Corridor: Rebuild 115-kV Transmission Line on double circuit monopoles
 - Construct Transmission Line Structures P737N through P740N, P742N
- 1130 line on north side of CT DOT Corridor to remain until TP735N

Proposed UI Easement Boundary Outside of CT DOT Corridor Boundary

- North Side: 0 feet, except for: P737N to P742N - 29 feet to 79 feet
- South Side: 0 feet, except for: P723S to P737S - 0 feet to 23 feet

Wetlands, Watercourses and Waterbodies

- Tidal Watercourse Ash Creek - E1UBL
- Tidal Wetland TW-J – E1UBL

Railroad Corridor Vegetation

- None on CT DOT railroad corridor within existing catenary structures and rail clear zones (managed and maintained by CT DOT)
- Stands of mixed deciduous/evergreen trees and shrubs within CT DOT corridor boundary outside of CT DOT maintained limits
- Wetland/watercourse cover types noted above

Terrain

- Flat railroad corridor area with variably steep, ballasted embankment slopes bordered by generally flat terrain
- Existing elevated railroad corridor bridge over Ash Creek, Fairfield Avenue, and Bostwick Avenue

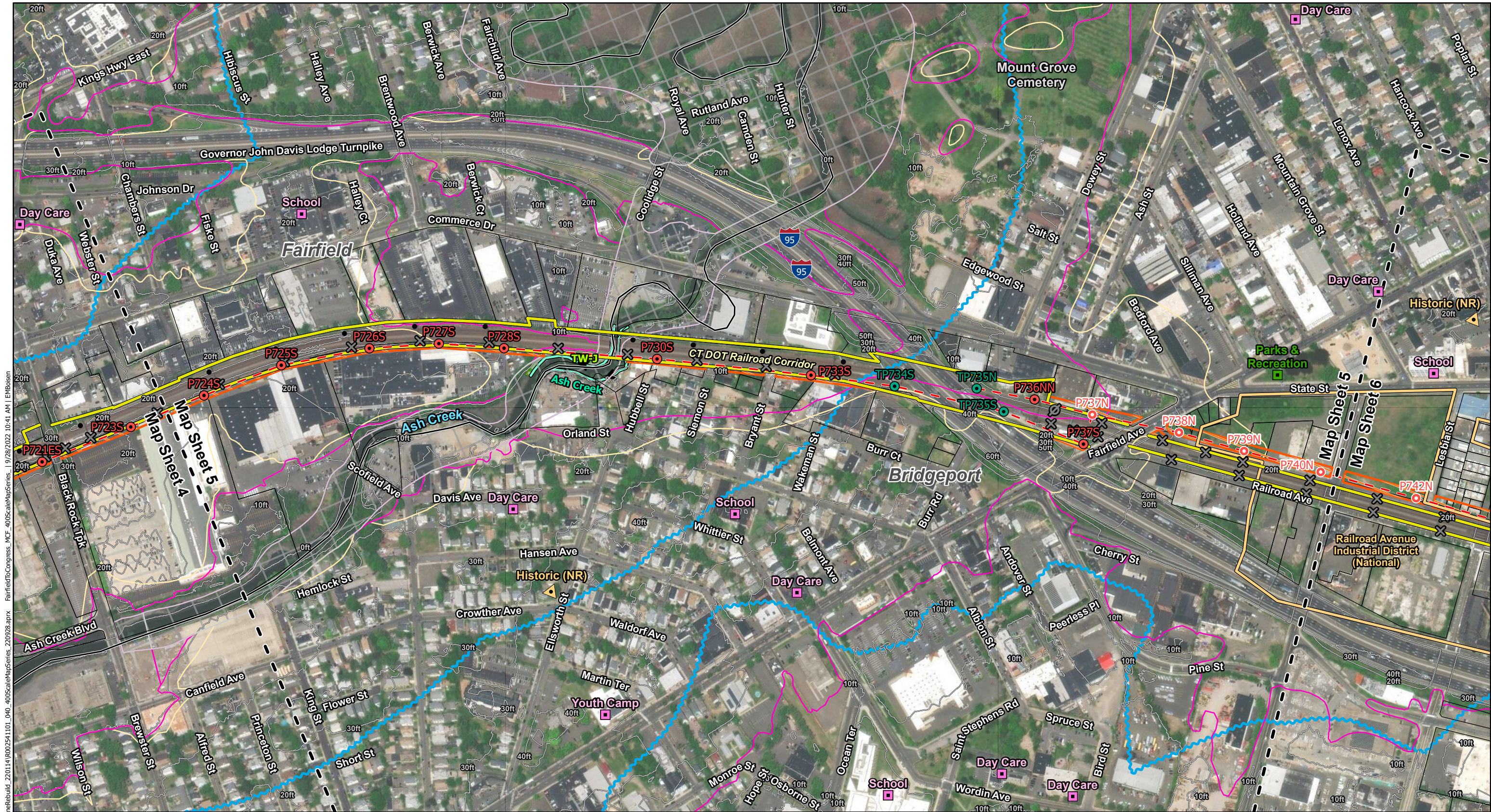
Road Crossings, Railroad Crossings and Major Utility Crossings³

- Interstate 95, Fairfield Avenue, Bostwick Avenue
- Metro North 4 track Crossing between P737S and P737N

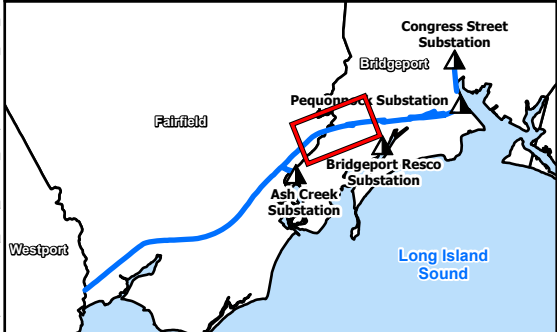
¹ Zoning Designations along the Proposed Route are included on the UI 115-kV Railroad Project 100-scale maps, also see Attachment V2.1 Overview Maps and Legends for Zoning District Key

² “Reconductor 115-kV Components” typically means removal of existing 115-kV conductor cables, insulators, and hardware from the existing structure and replacement with new 115-kV conductors, insulators, and hardware installed on the existing structure in accordance with project requirements

³ UI would coordinate with other underground and overhead utility companies, municipalities, CT DOT and Metro North Railroad regarding the location of utility and transportation facilities



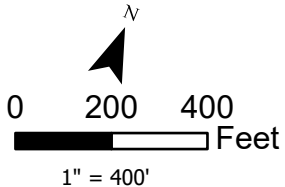
N:\0025411_01\GIS\ArcGIS_Pro\002541101_040_T\LineRebuild_220114\002541101_040_400ScaleMapSeries_220928.aprx FairfieldToCongress_MCF_400ScaleMapSeries_19/28/2022 10:41 AM | EMBoken



Map Legend			
	Proposed Centerline of Rebuilt 115-kV Line		
	Existing CTDOT Corridor Boundary		
	Proposed UI Permanent Easement		
	Existing Transmission Structure to Remain		
	National or State Historic Resource Area		

UI 115 KV RAILROAD PROJECT – FAIRFIELD TO CONGRESS FAIRFIELD & BRIDGEPORT, CT

Coordinate System:
NAD 1983 (2011) State Plane Connecticut FIPS 0600 (US Feet)
Linear Units: Foot US
Revised: 9/28/2022



Westwood

MAPSHEET 6 of 7 – Fairfield to Congress Railroad Transmission Line 115-kV Rebuild Project
Proposed Route, CT DOT Railroad Corridor – Bostwick Avenue to CT DOT Railroad Corridor – Myrtle Avenue
City of Bridgeport, Fairfield County, CT

AREA DESCRIPTION

Existing Land Use

- Residential
- Commercial
- Industrial/Business
 - UI Resco Substation, 6 Howard Ave
- Recreational / Open Space
 - Went Field, 120 Wordin Ave

Zoning¹

- City of Bridgeport
 - Residential-Office Center (RX2), Mixed Residential 1 (NX3), Neighborhood Mix 2 (NX2), Industrial (I)
 - Utility-Energy Infrastructure (P4)
 - Office-Industrial Centers (IX)
 - Civic and Institutional (P2)
 - Parks and Open Space (P1)
 - Heavy Commercial-Wholesale (CX)
 - Mixed-Use Corridor (MX1)

Natural Systems

- FEMA 100-Year Flood Zones
- State/Federal Jurisdictional Watercourses
- CT DEEP Coastal Management Area
- Cedar Creek

Visual Character

- CT DOT Railroad Corridor (Metro North Railroad)
- Urban environments with housing, low profile commercial/industrial buildings, and parking areas
- Waterway and harbor environments

Community Facilities

- Bridgeport YMCA/SECC PALS 1 Child Care Center, 650 Park Ave
- Children's Play House of Bridgeport, 63 Butler Ave
- Donna's Little Doves Child Development Center, 215 Warren St
- Family Child Cares, 73 Park Terrace and 289 West Liberty St
- Lil Sunshine Home Day Care, 45 Butler Ave
- Mercy Learning Center Early Childhood Education Program, 637 Park Ave
- Safari Adventure Family Day Care, 285 Hanover St
- Scholastic Renaissance, 102 Cottage St
- The Angels Day Care, 24 Butler St
- Toya's Little ToTs Day Care, 217 Lewis St
- Mental Health Residential Living Center, 964 Iranistan Ave
- Park City Residential Care Home, 752 Park Ave
- New Beginnings Family Academy, 184 Garden St
- Bassick High School, 1181 Fairfield Ave

Community Facilities (continued)

- Cesar A. Batalla School, 606 Howard Ave
- Great Oaks Charter School, 40 Cherry St
- Elias Howe School, 303 Clinton Ave
- Park City Prep Charter School, 1550 State St
- Roosevelt School, 680 Park Ave
- University of Bridgeport, 126 Park Ave

Historic and Cultural Resources

- Railroad Avenue Industrial District – NRHD
- Seaside Village Historic District – NRHD
- Bassickville Historic District – NRHD
- West End Congregation – Achavath Achim Synagogue, 725 Hancock Ave - NRHP
- Division Street Historic District – NRHD
- Barnum/Palliser Historic District – NRHD/SRHD/LHD
- Marina Park Historic District - NRHD

HOWARD AVENUE: RESCO SUBSTATION OPGW LINE DESCRIPTION AND PROPOSED UI FACILITIES

Howard Avenue Public ROW

- Total Width: 60 feet

Proposed UI 115-kV Transmission Lines and Proposed Project Activities

- 91001-3 tap line to Resco Substation: Rebuild Overhead Fiber Optic Line (OPGW) and associated components on existing single circuit monopoles (Structures RT1 through RT5) and into the Resco Substation

Proposed UI Easement Boundary Outside of Howard Avenue

- No new easement is anticipated for the tap line

Terrain

- Flat, urban streetscape

Road Crossings / Major Utility Crossings³

- Cherry Street, Interstate 95, Pine Street, Wordin Avenue

CT DOT PROPERTY: RAILROAD CORRIDOR DESCRIPTION AND PROPOSED UI FACILITIES

CT DOT Corridor Property

- Total Corridor Width: 66 feet
- Number of Railroad Tracks (Metro North Railroad) = 4
- Distance from center of existing catenary structures to CT DOT Corridor boundaries = 2 feet

Proposed UI 115-kV Transmission Lines and Proposed Project Activities

- Remove Existing Bonnets and 115-kV Components on Catenary Structures 742N/742S through 752N/752S, 753N, 756S, 757N/757S through 760N/760S
- 91001-2 and 1130 lines on north side of CT DOT Corridor: Rebuild 115-kV Transmission Line on double circuit monopoles
 - Construct Transmission Line Structures P742N through P744N, P745WN, P745N
- 91001-1 and 1130 lines on south side of CT DOT Corridor: Rebuild 115-kV Transmission Line on double circuit monopoles
 - Construct Transmission Line Structure P745S through P752S. Cross over railroad tracks from P745S to P745N. Cross over railroad tracks again from P752S to P752N.
- 91001-1 line on south side of CT DOT Corridor: Rebuild 115-kV Transmission Line on single circuit monopoles
 - Construct Transmission Line Structures P756S, P758S, P760S
 - Reconductor² 115-kV Components on existing Transmission Line Structure TP753S and TP755S
- 1130 line on north side of CT DOT Corridor: Rebuild 115-kV Transmission Line on single circuit monopoles
 - Construct Transmission Line Structures P752N, P756N through P760N
 - Reconductor² 115-kV Components on existing Transmission Line Structure TP754N and TP756N

Proposed UI Easement Boundary Outside of CT DOT Corridor Boundary

- North Side: 0 feet, except for: P742N to P745N - 76 feet, and P752N to P762N - 30 feet to 50 feet
- South Side: 0 feet, except for: P745S to P762S – 30 feet to 82 feet

Railroad Corridor Vegetation

- None on CT DOT railroad corridor within existing catenary structures and rail clear zones (managed and maintained by CT DOT)

Terrain

- Flat railroad corridor area with variably steep, ballasted embankment slopes bordered by variably hilly terrain
- Existing elevated railroad corridor bridge over Hancock Avenue, Howard Avenue, Wordin Avenue, Iranistan Avenue, South Avenue, and Park Avenue

Road Crossings / Major Utility Crossings³

- Hancock Avenue, Howard Avenue, Wordin Avenue, Iranistan Avenue, Interstate 95, South Avenue, Park Avenue
- Metro North 4 track Crossings between P745N and P745S; and P752S and P752N

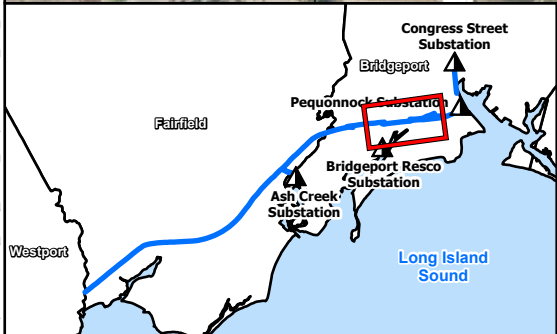
¹ Zoning Designations along the Proposed Route are included on the UI 115-kV Railroad Project 100-scale maps, also see Attachment V2.1 Overview Maps and Legends for Zoning District Key


















² “Reconductor 115-kV Components” typically means removal of existing 115-kV conductor cables, insulators, and hardware from the existing structure and replacement with new 115-kV conductors, insulators, and hardware installed on the existing structure in accordance with project requirements

³ UI would coordinate with other underground and overhead utility companies, municipalities, CT DOT and Metro North Railroad regarding the location of utility and transportation facilities



N:\0025411_01\GIS\ArcGIS_Pro\002541101_040_T\LineRebuild_220114\002541101_040_40ScaleMapSeries_220928.aprx FairfieldToCongress_MCF_40ScaleMapSeries_19/28/2022 10:42 AM | EMBolton



Map Legend			
	Proposed Single Circuit Transmission Line Structure		Proposed Centerline of Rebuilt 115-kV Line
	Proposed Double Circuit Transmission Line Structure		Existing CTDOT Corridor Boundary
	Existing Structure to be Reconductored		Proposed UI Permanent Easement
	Substation		Proposed Overhead Fiber Optic
	Existing Bonnet To Be Removed		National or State Historic Resource Area
	Community Facility		Open Space Recreation Area
	Historic (NR) Resource		Parcel Boundary
	FEMA 100-Year Floodplain		10ft Contour
	Field Delineated Wetland		Delineated Watercourse
	CT DEEP Coastal Area		

UI 115 KV RAILROAD PROJECT – FAIRFIELD TO CONGRESS

FAIRFIELD & BRIDGEPORT, CT

Coordinate System:
NAD 1983 (2011) State Plane Connecticut FIPS 0600 (US Feet)
Linear Units: Foot US

Revised: 9/28/2022



0 200 400 Feet

1" = 400'



Westwood

SHEET 6 OF 7

MAPSHEET 7 of 7 – Fairfield to Congress Railroad Transmission Line 115-kV Rebuild Project
Proposed Route, CT DOT Railroad Corridor – Myrtle Avenue to CT DOT Railroad Corridor – Congress Street Substation, west of Congress Street
City of Bridgeport, Fairfield County, CT

AREA DESCRIPTION

Existing Land Use

- Residential
- Commercial
- Industrial/Business
 - UI Congress Substation, 55 Congress St
 - UI Pequonnock Substation: (New) 1 Kiefer St / (Old) 1 Atlantic St
- Recreational / Open Space
 - McLevy Green, 102 Bank St
 - Baldwin Plaza, 1135 Broad St
 - Riverfront Park, 208 Housatonic Ave
 - Majestic Park, 1471 Main St

Zoning¹

- City Bridgeport
 - Residential-Office Center (RX2), Downtown Edge (DX2), Civic and Institutional (P2)
 - Parks and Open Space (P1)
 - Utility-Energy Infrastructure (P4)
 - Detention-Correction Facilities (P5)

Natural Systems

- State/Federal Jurisdictional Wetlands and Watercourses
- FEMA 100-Year Flood Zones
- CT NDDB Area
- CT DEEP Coastal Management Area
- Pequonnock River

Visual Character

- CT DOT Railroad Corridor (Metro North Railroad)
- Urban environments with single and multi-family housing, low profile and high rise commercial/industrial buildings, and parking areas
- Waterfront and harbor environments

Community Facilities

- Bridgeport Transportation Center, 525-710 Water St
- Bridgeport and Port Jefferson Ferry Terminal, 1 Ferry Access Rd
- Bridgeport YMCA/Kolbe Educational Center, 401 Kossuth St
- Donna's Little Doves Child Development Center, 215 Warren St
- Early Childhood Laboratory School, 900 Lafayette Blvd
- Jaime A Hulley Child Care Center, 460 Lafayette St
- Lighthouse Summer Program, 45 Lyon Terrace
- Bridgeport Hospital Center for Sleep Medicine, 1070 Main St
- Capital Preparatory Harbor Upper School, 777 Main St
- Housatonic Community College, 900 Lafayette Blvd
- The Bridge Academy, 160 Pulaski St
- Horizons at Greens Farms Academy, 1057 Broad St

Historic and Cultural Resources

- Bridgeport Downtown South Historic District – NRHD
- Mary and Eliza Freeman Houses, 352-354 & 358-360 Main St – NRHP
- Barnum/Palliser Historic District – NRHD/SRHD/LHD
- Bishop William D. Cottage Development Historic District – NRHD
- David Perry House, 531 Lafayette St – NRHP
- A.M.E. Zion Church, 427 Broad St - SRHP
- A.M.E. Zion Church Parsonage, 12 Gregory St – SRHP
- Charles A Nicholas Meat Market, 388 East Main Street – SRHP
- Ralph’s Barber Shop, 420 East Main Street - SRHP
- CT Railway and Lighting Co. Car Barn (demolished), 55 Congress St - NRHP
- Golden Hill Historic District – NRHD
- Palace and Majestic Theaters, 1315-1357 Main St - NRHP
- Bridgeport Downtown North and South Historic Districts – NRHD
- Pequonnock River Railroad Bridge, RR ROW at Pequonnock River – NRHP
- East Bridgeport Historic District – NRHD
- East Main Street Historic District – NRHD
- Barnum Institute of Science & History, 804-820 Main St – NRHP
- Canal Boats – Berkshire No. 7, Elmer S. Dailey, Priscilla Dailey, Bridgeport Harbor – NRHP and Underwater Archaeological Resources

CT DOT PROPERTY: RAILROAD CORRIDOR DESCRIPTION AND PROPOSED UI FACILITIES

CT DOT Corridor Property

- Total Corridor Width: Varies, 66 - 210 feet
- Number of Railroad Tracks (Metro North Railroad) = 4
- Distance from center of existing southern catenary structure to southern CT DOT Corridor boundary = Varies, 2 – 80 feet
- Distance from center of existing northern catenary structure to northern CT DOT Corridor boundary = Varies, 2 – 80 feet

Proposed UI 115-kV Transmission Lines and Proposed Project Activities

- Remove Existing Bonnets and 115-kV Components on Catenary Structures 760N/760S through 765N/765S, 765AN/765AS, 765BN/765BS, 777N/777S, 777AN/777AS, 778N/778S, 778AN/778AS, 779N/779S, 779AN/779AS, 780N/708S through 783N/783S
- Remove 115-kV Components and Poles 775N, 775AS
- Remove 115-kV Components and Lattice Tower “North Tower” above the MNR railroad tracks
- 1130 line on north side of CT DOT Corridor: Rebuild 115-kV Transmission Line on single circuit monopoles
 - Construct Transmission Line Structure P762N

Proposed UI 115-kV Transmission Lines and Proposed Project Activities (continued)

- 91001-1 and 1130 lines on south side of CT DOT Corridor: Rebuild 115-kV Transmission Line on double circuit monopoles
 - Construct Transmission Line Structures P762S, 765AS
- 8809A and 8909B lines on south side of CT DOT Corridor: Rebuild 115-kV Transmission Line on double circuit monopoles
 - Construct Transmission Line Structures P775S, P779S, P783S
- 8809A and 8909B lines on north side of CT DOT Corridor: Rebuild 115-kV Transmission Line on double circuit monopoles
 - Construct Transmission Line Structures P783N
 - Reconductor² 115-kV Components on existing Transmission Line Structure TP784N at Congress Substation

Proposed UI Easement Boundary Outside of CT DOT Corridor Boundary

- North Side: 0 feet, except for: P783N - 63 feet
- South Side: 0 feet, except for: P762S to P765AS – 53 to 101 feet and P775S to P783S – 0 feet to 74 feet

Wetlands, Watercourses and Waterbodies

- Pequonnock River – E1UBL

Railroad Corridor Vegetation

- None on CT DOT railroad corridor within existing catenary structures and rail clear zones (managed and maintained by CT DOT)
- Stands of shrubs within CT DOT corridor boundary outside of CT DOT maintained limits
- Watercourse cover types noted above

Terrain

- Flat railroad corridor area with variably steep, ballasted embankment slopes bordered by flat to hilly terrain
- Existing elevated railroad ROW over a concrete box culvert at Cove River
- Existing elevated railroad corridor bridge over Myrtle Avenue, Warren Street, Lafayette Street, Broad Street, and Stratford Avenue

Road Crossings / Major Utility Crossings³

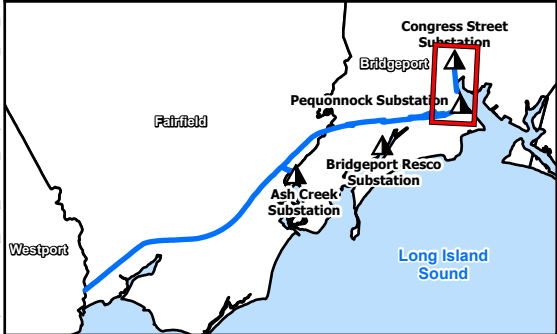
- Myrtle Avenue, Warren Street, Lafayette Street, Broad Street, Interstate 95, Stratford Avenue

¹ Zoning Designations along the Proposed Route are included on the UI 115-kV Railroad Project 100-scale maps, also see Attachment V2.1 Overview Maps and Legends for Zoning District Key

² “Reconductor 115-kV Components” typically means removal of existing 115-kV conductor cables, insulators, and hardware from the existing structure and replacement with new 115-kV conductors, insulators, and hardware installed on the existing structure in accordance with project requirements

³ UI would coordinate with other underground and overhead utility companies, municipalities, CT DOT and Metro North Railroad regarding the location of utility and transportation facilities

N:\002541\01_GIS\ArcGIS_Pro\002541\01_040_T\LineRebuild_220114\002541\01_040_40UScaleMapSeries_220928.aprx
FairfieldToCongress_MCF_40UScaleMapSeries_19/28/2022 10:42 AM | EMBoken



Map Legend			
	Proposed Single Circuit Transmission Line Structure		Existing UI Lattice Tower To Be Removed
	Proposed Double Circuit Transmission Line Structure		Existing Bonnet To Be Removed
	New Pequonnock Structure		Proposed Centerline of Rebuilt 115-kV Line
	Existing Structure to be Reconductored		Existing CTDOT Corridor Boundary
	Substation		Proposed UI Permanent Easement
	Existing UI Steel Pole To Be Removed		National or State Historic Resource Area
	Community Facility		Community Facility
	Open Space Recreation Area		Community Facility
	Train Station		Community Facility
	Historic (NR) Resource		Community Facility
	Historic (SR) Resource		Community Facility
	Archaeological Location		Community Facility
	UI-Owned Property		Community Facility
	Parcel Boundary		Community Facility
	FEMA Floodway		Community Facility
	FEMA 100-Year Floodplain		Community Facility
	Field Delineated Wetland		Community Facility
	Delineated Watercourse		Community Facility
	Delineated Tidal Watercourse		Community Facility
	CT DEEP Coastal Area		Community Facility
	Natural Diversity Database Area (NDDB)		Community Facility

UI 115 KV RAILROAD PROJECT – FAIRFIELD TO CONGRESS

FAIRFIELD & BRIDGEPORT, CT

Coordinate System:
NAD 1983 (2011) State Plane Connecticut FIPS 0600 (US Feet)
Linear Units: Foot US

Revised: 9/28/2022

0 200 400 Feet
1" = 400'

Westwood

SHEET 7 OF 7