

July 25, 2017

Melanie Bachman, Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Sub-Petition No. 1293-NNB-01

Dear Ms. Bachman:


The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-NB-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in the towns of Newington and Berlin and the City of New Britain, Connecticut. The work includes replacing 13 existing wooden transmission structures with new weathering steel transmission structures.

Eversource sent the enclosed Sub-Petition to the officials of the municipalities of Newington, Berlin and New Britain and to owners of directly abutting properties (see Proof of Notice).

Enclosed please find an original and 3 copies of this filing. In addition, a soft copy of the Sub-Petition is on the enclosed thumb drive.

Please contact me at 860-728-4527 if you have any questions regarding the enclosed Sub-Petition.

Sincerely,



Enclosures

Attachments:

- Exhibit A: Sub-Petition
- Exhibit B: Photographs and Photo Simulation
- Exhibit C: Maps
- Exhibit C: Abutter Letter and Proof of Notice

ATTACHMENT A
SUB-PETITION

**THE CONNECTICUT LIGHT AND POWER COMPANY doing
business as
EVERSOURCE
ENERGY**

Sub-
Petition

CONNECTICUT SITING COUNCIL
PETITION NO. 1293
TRANSMISSION FACILITY ASSET
CONDITION MAINTENANCE
IMPROVEMENTS TO COMPLY WITH THE
UPDATED NATIONAL ELECTRIC SAFETY
CODE CLEARANCE REQUIREMENTS

Municipalities: Newington, New Britain and Berlin

Sub-Petition No. 1293-NBB-01

Project: Line 1785 Structure Replacement Project

Structure Locations: 13 transmission structures located in Newington, New Britain and Berlin, Connecticut

I. Introduction:

In accordance with Condition 1 of the March 30, 2017 ruling by the Connecticut Siting Council (the "Council") (as set forth in the Council's March 31, 2017 letter) regarding Petition No. 1293 ("CSC Ruling"), The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") submits this Sub-Petition.

II. Description of Transmission Work Activities:

Eversource's 1785 Line Structure Replacement Project is part of an ongoing maintenance program, that evaluates the integrity of its utility structures and implements repair, upgrade or replacement where needed to assure safe and efficient transmission of power to its customers. An engineering evaluation has determined that, due to asset condition, several structures require replacement on a portion of the 1785 circuit, which is a 115-kV transmission line that extends from Newington Substation to Berlin Substation through the towns of Newington and Berlin. Of the structures being replaced, 13 structures require a slight increase in structure height to comply with current clearance requirements.

Eversource plans to conduct the transmission structure replacement work to remediate wood

structure damage caused by woodpeckers and structural deficiencies due to age, weathering, etc. The following work ("Work Activities") subject of this Sub-Petition will be performed:

- Replace 13 existing single circuit, wood, H-frame structures with 13 new direct-embed, single circuit, weathering steel, H-frame structures that are slightly higher (9 feet or less) than the existing structures. The replacement poles will be installed within 15 feet of existing structures.

III. No Substantial Adverse Environmental Effect:

Eversource respectfully submits that the proposed modifications would have no "substantial adverse environmental effect" pursuant to Conn. Gen. Stat. § 16-50k, based on the following factors:

- a) Work Activities would take place within Eversource's existing right-of-way ("ROW") utilizing existing and proposed access routes (collectively the "Work Area").
- b) Work Activities will result in approximately 117,610 square feet of temporary wetland impacts limited to the matting required to provide for construction work pads and access to structures. Additionally, three streams along the ROW will be temporarily bridged with matting to facilitate access to structures. Work within wetlands would be conducted in accordance with Eversource's *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements)*, September 2016 ("BMPs").
- c) No vernal pools are located within the limits of the Work Area. Therefore, adverse impacts to vernal pools are not anticipated to result from the proposed Work Activities.
- d) According to Eversource's review of the Department of Energy and Environmental Protection's Natural Diversity Data Base ("NDDB"), Work Activities will not occur within NDDB buffered areas.
- e) The structure replacements will not require any tree clearing. However, Eversource may need to undertake minor tree trimming and/or vegetation mowing within the managed ROW corridor to improve access to portions of the Work Area.
- f) A review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office revealed that no National Register of Historic Places (NR/SR) properties or districts are located within 500 feet of the Work Area. One previously recorded archaeological site is located within the vicinity of the Project (Site 155-1), but is approximately 9,480 feet from the nearest Work Area. Based on a review of historic maps, aerial photographs, soil profiles, and a walkover survey that included hand-powered soil cores, three structure work pad areas and one segment of access road were identified as possessing moderate to high archaeological sensitivity. These locations underwent Phase IB testing. No physical evidence of archaeological significance was found within two of the structure work pad areas and in the segment of the access road investigated. At Structure 7077, two consecutive shovel test pits were

positive for pre-colonial Native America cultural material (a quartz crystal biface and chert flake) contained in intact soils, indicating the presence of an archaeological site. Matting will be used to establish the temporary work pad at Structure 7077 to mitigate any disturbance to the archaeological deposits.

- g) The increased heights of replacement structures average approximately 7 feet and will not exceed 9 feet.
- h) Replacement structures will be located within 15 feet horizontally of existing structures.
- i) Work Areas associated with 9 of the structures are located either partially or wholly within 100-year flood zones. Impacts to flood zones will be temporary because the matting or gravel placed for access during construction will be removed following completion of Work Activities.
- j) There would be no change in noise levels following installation of the new structures.
- k) Any changes in electric and magnetic field levels off the ROW would be negligible.

IV. Mitigation:

Temporary environmental effects from construction will be mitigated as follows:

- Erosion and sediment controls ("E&S") will be employed and maintained, as needed, throughout the execution of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.
- Potential impacts to wetlands and moderate to high archaeological sensitivity areas will be mitigated with the use of timber matting and adherence to the BMPs.
- Eversource's contractor will perform construction sequencing such that any earth materials are exposed for a minimum of time before they are covered, seeded, or otherwise stabilized to prevent erosion.
- During construction, anti-tracking pads would be installed (as appropriate) at construction entrances onto public roads to prevent off-site tracking of soil.
- Upon completion of the Work Activities, disturbed/exposed areas would be stabilized and revegetated. After the establishment of permanent ground cover, Eversource's contractor would remove the temporary E&S controls and properly remove/dispose of any accumulated sediments and debris from areas where such measures were used.

V. Access:

Some new access roads will be constructed to facilitate access to structures within the ROW, and existing access roads may be hardened and temporarily widened at turning areas within uplands to facilitate the safe passage of construction vehicles. Timber matting would be used in wetlands and in areas of 100-year flood zone to the extent practicable, and all fill used for access and work pads in the 100-year flood zone would be completely removed

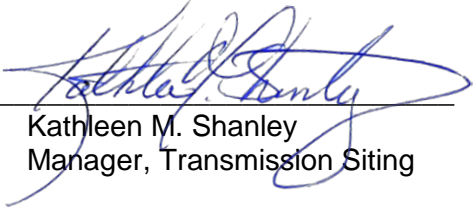
following completion of Work Activities.

Eversource would access the Work Areas by entering its ROW from existing access points on public roads and then continue on existing access routes or access routes using timber matting as follows:

- Holmes Road, Newington for structure 7077
- Fenn Road, Newington for structure 7072
- Cedar Street (State Highway 175), Newington for structures 7062 and 7060
- 8th Street, Newington for structures 7048 and 7046
- New Britain Avenue (State Highway 174), Newington for structure 7044
- Carr Avenue, New Britain for structures 7036, 7035, and 7033
- Kelsey Street, Newington for structure 7028
- Bridle Path, Newington for structure 7025
- Beckley Road, Berlin for structure 7004

THE CONNECTICUT LIGHT AND POWER COMPANY
DOING BUSINESS AS EVERSOURCE ENERGY

By: _____

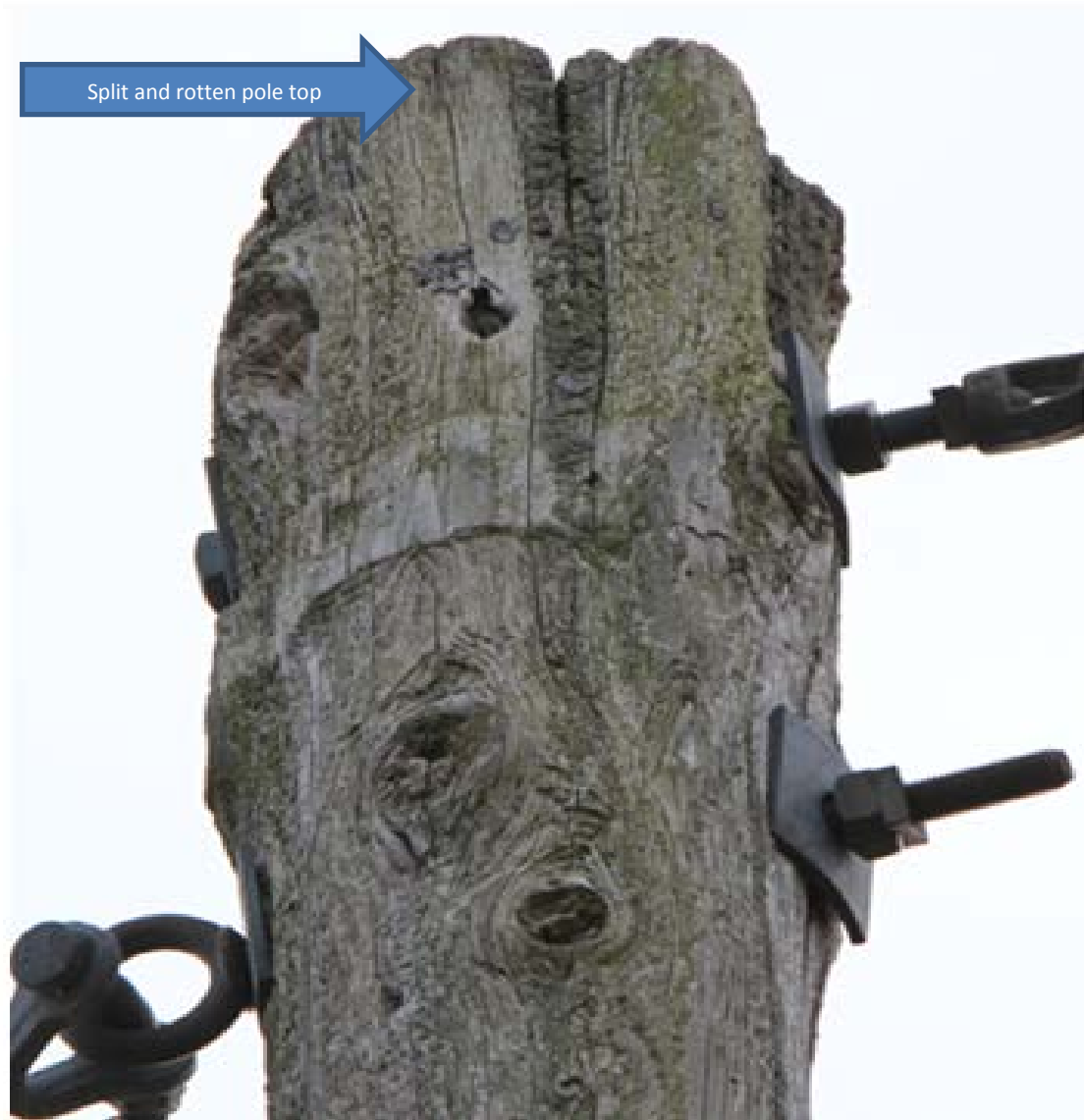

Kathleen M. Shanley
Manager, Transmission Siting

ATTACHMENT B
PHOTOGRAPHS AND
PHOTO SIMULATION

Structure 7036



Structure 7044

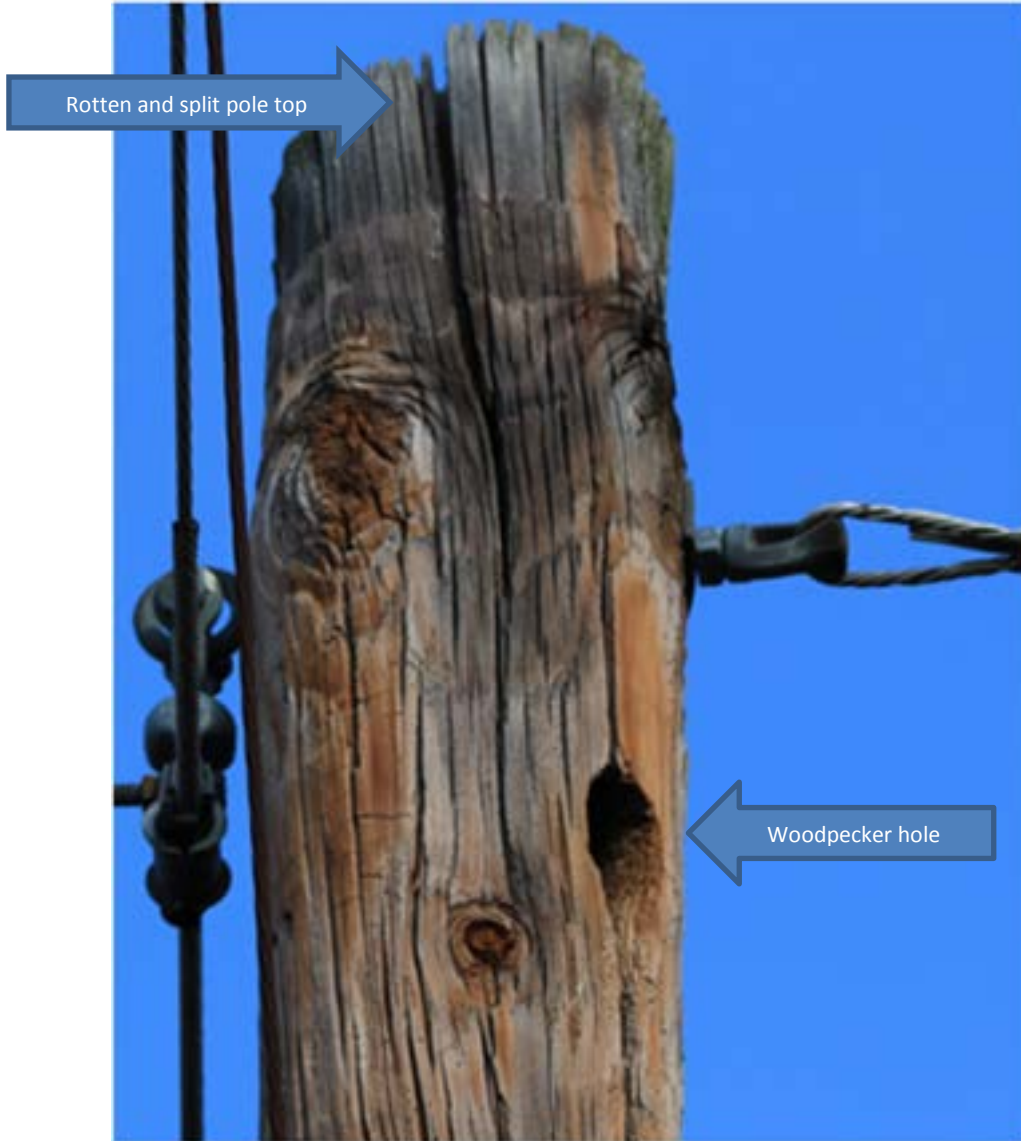


Structure 7048



Rotten and split pole top

Structure 7062





EXISTING

1785 LINE

STRUCTURE 7044

LOCATION

NEW BRITAIN AVENUE - NEWINGTON

ORIENTATION

SOUTH





REPLACEMENT

1785 LINE
STRUCTURE 7044

LOCATION

NEW BRITAIN AVENUE - NEWINGTON

ORIENTATION

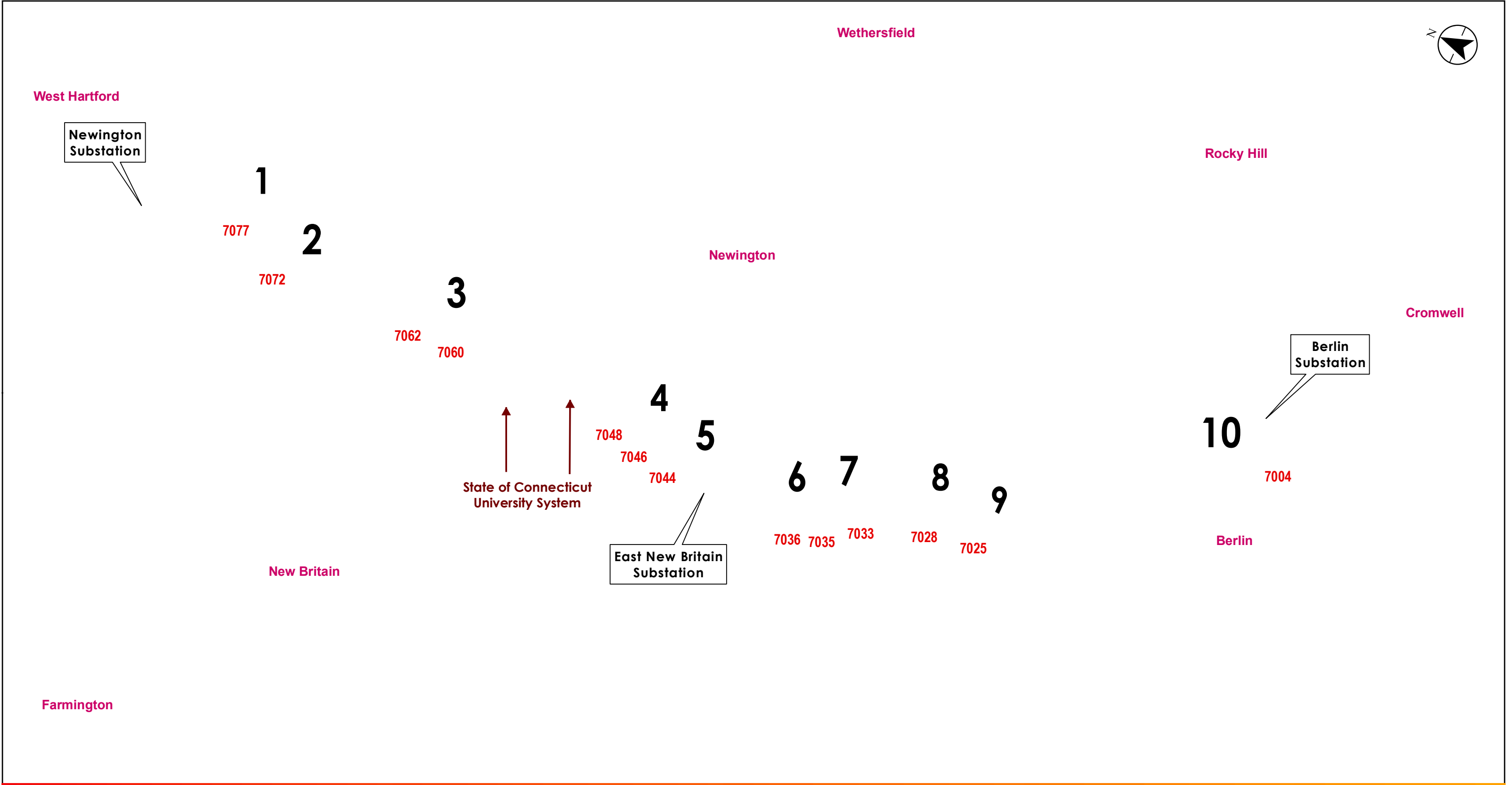
SOUTH



ATTACHMENT C

MAPS

V:\195601348\195601348_03_data\gis\coad\gis\WAD\SubPetition_Map_Set\Line1785_Line1785_Sr_Replacement_SubPetition_Index.mxd Reviewed: 2017-07-21 By: bblanck

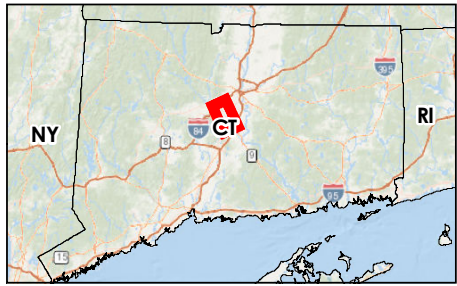


Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

195601348



Prepared by EMK on 2017-06-28
 Quality Review by KH on 2017-06-29
 Independent Review by SH on 2017-07-05



Legend

- Proposed Structure
- - - Approximate Transmission Line (Centerline)
- ▭ Map Sheet
- ▭ Municipal Boundary
- ▭ Natural Diversity Database (NDDB)
- ▭ State-Owned Property
- ▭ Eversource-Owned Property

Data Source

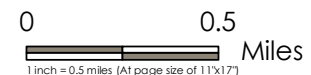
1. Eversource easement lines and structures provided by Eversource Energy.
2. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
3. Topographic basemap provided by ArcGIS Online World Topographic Map (http://server.arcgisonline.com/arcgis/services/World_Topo_Map/MapServer).

Client/Project

Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
Index Map

Title
Line 1785 Sub-Petition Map Set
 7/21/2017



Line 1785 Sub-Petition Structure Replacement

Map 01 Abutters Table

LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
100	20 HOLMES RD	NEWINGTON	HOLMES ASSET MANAGEMENT LLC	CT
101	20 HOLMES RD	NEWINGTON	HOLMES ASSET MANAGEMENT LLC	CT

V:\19560134\19560134_03_data\gis\cost\gis\W\K\GIS\Subpetition_Map_Set\Line1785_5r_Replacement_SubpetitionMap.mxd
 Revised: 2017-07-21 By: bblinn

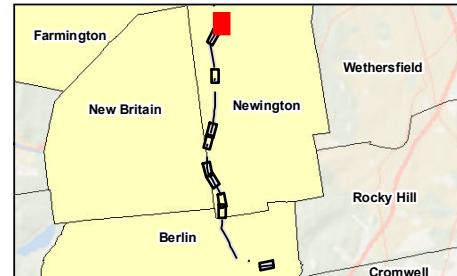
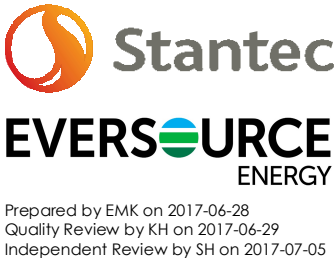


Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

195601348



Prepared by EMK on 2017-06-28
 Quality Review by KH on 2017-06-29
 Independent Review by SH on 2017-07-05

Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 1

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

Line 1785 Sub-Petition Structure Replacement

Map 02 Abutters Table

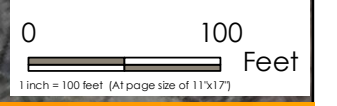
LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
102	41 COMMERCE CT	NEWINGTON	JAVA ESTATE LLC	CT

V:\195601348\195601348_03_data\gis\cd\Map_Series\Map_Series_1785_51_Replacement_Sub-Petition_Map_Series.mxd
 Reviewed: 2017-07-21 By: bismar



Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).

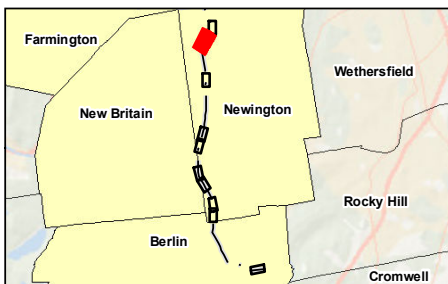


Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

195601348



Prepared by EMK on 2017-06-28
 Quality Review by KH on 2017-06-29
 Independent Review by SH on 2017-07-05



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 2

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

Line 1785 Sub-Petition Structure Replacement

Map 03 Abutters Table

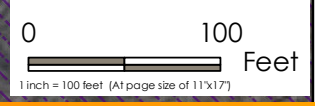
LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
103	EAST CEDAR ST	NEWINGTON	CONNECTICUT LIGHT AND POWER	CT
104	567 CEDAR ST	NEWINGTON	NATIONAL RAILROAD PASSENGER CORPORATION	CT

V:\195601348\195601348_03_data\gis\cadd\gis\WAD\Subpetition_Map_Set\Line1785_5x_Replace.mxd, SubPetition_Map_Set\Line1785_5x_Replace.mxd, SubPetition_Map_Set\Line1785_5x_Replace.mxd
 Revised: 2017-07-21 By: blomer

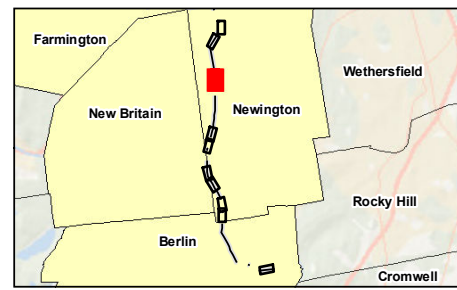
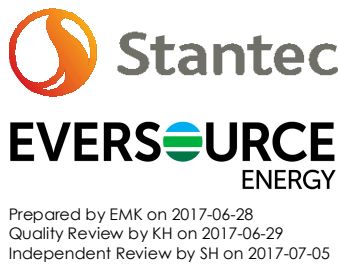


Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).



Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 3

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

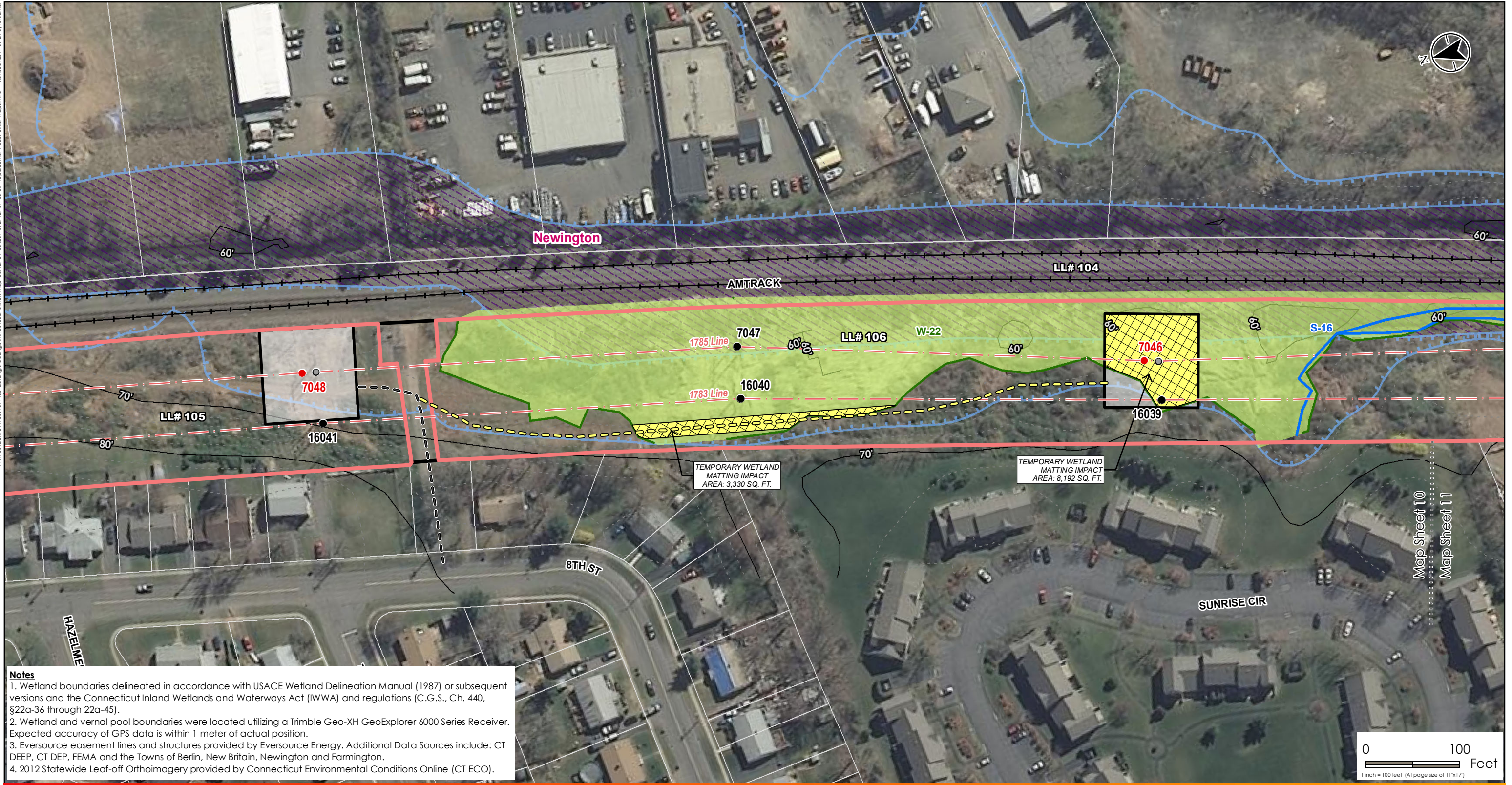
195601348

Line 1785 Sub-Petition Structure Replacement

Map 04 Abutters Table

LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
104	567 CEDAR ST	NEWINGTON	NATIONAL RAILROAD PASSENGER CORPORATION	CT
105	186 EIGHTH ST	NEWINGTON	CONNECTICUT LIGHT AND POWER	CT
106	700 NEW BRITAIN AVE	NEWINGTON	CONNECTICUT LIGHT AND POWER	CT

V:\195601348\195601348_03_data\gis\cost\gis\W\K\GIS\Subpetition_Map_Set\Line1785_20170721\Line1785_51_Replacement_SubpetitionMap.mxd
 Revised: 2017-07-21 By: bblinn



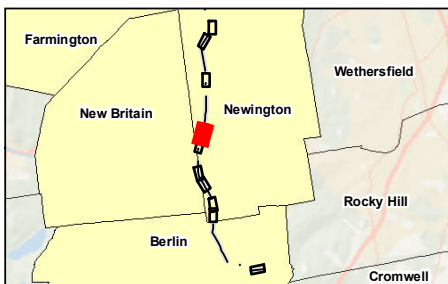
Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Prepared by EMK on 2017-06-28
 Quality Review by KH on 2017-06-29
 Independent Review by SH on 2017-07-05



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- - - Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No. 4
 Title
Line 1785 Sub-Petition Map Set
 7/21/2017

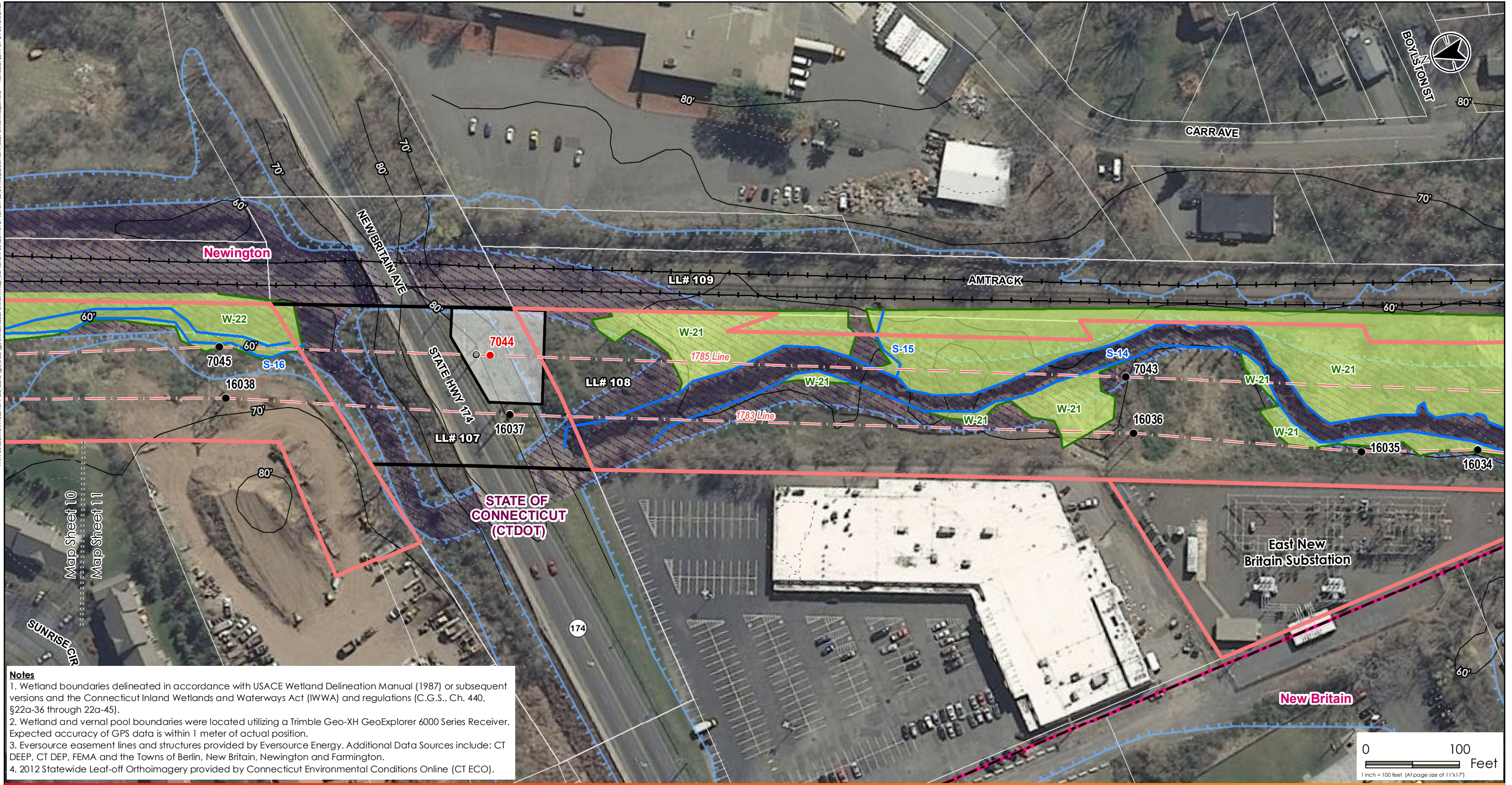
195601348

Line 1785 Sub-Petition Structure Replacement

Map 05 Abutters Table

LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
107	NEW BRITAIN AVE	NEWINGTON	STATE OF CONNECTICUT (CTDOT)	CT
108	713 NEW BRITAIN AVE	NEWINGTON	CONNECTICUT LIGHT AND POWER	CT
109	697 NEW BRITAIN AVE	NEWINGTON	NATIONAL RAILROAD PASSENGER CORP	CT

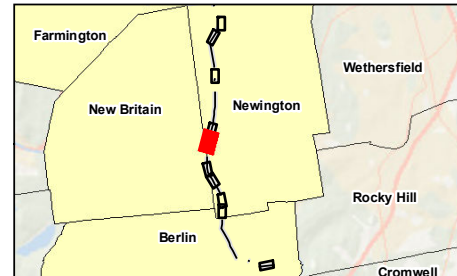
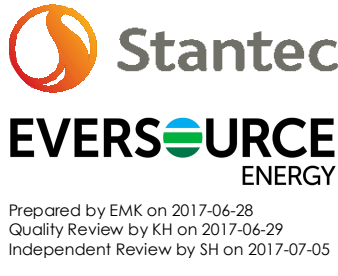
V:\195601348\195601348_03_data\gis\cadd\gis\Wetland\Subpetition_Map_Set\Line1785_51_Rep\Subpetition_Subset\Map\Map.mxd Revised: 2017-07-21 By: bblinn



Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 5

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

195601348

Line 1785 Sub-Petition Structure Replacement

Map 06 Abutters Table

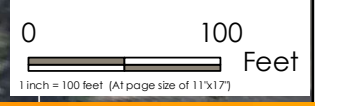
LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
110	285 JOHN DOWNEY DRIVE	NEWINGTON	HELENA S GORSKI	CT
111	203 TREMONT ST REAR	NEWINGTON	HELENA S GORSKI	CT
112	203 TREMONT ST	NEWINGTON	DANIEL M & LAUREN MILLER	CT

V:\195601348\195601348_03_data\gis\cadd\Map_Sets\Map_Sets\195601348_03_Map_Sets\195601348_03_Map_Sets.mxd
 Reviewed: 2017-07-21 By: bblinn

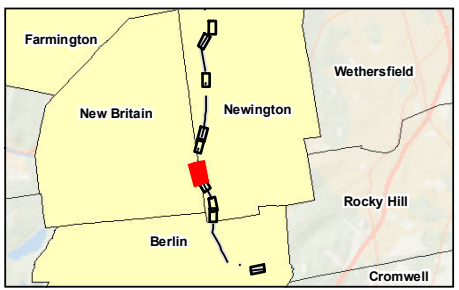
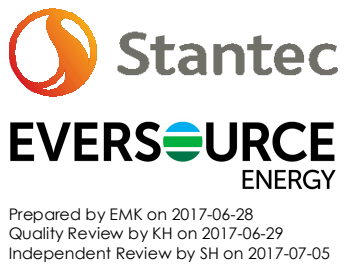


Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).



Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- - - Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 6

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

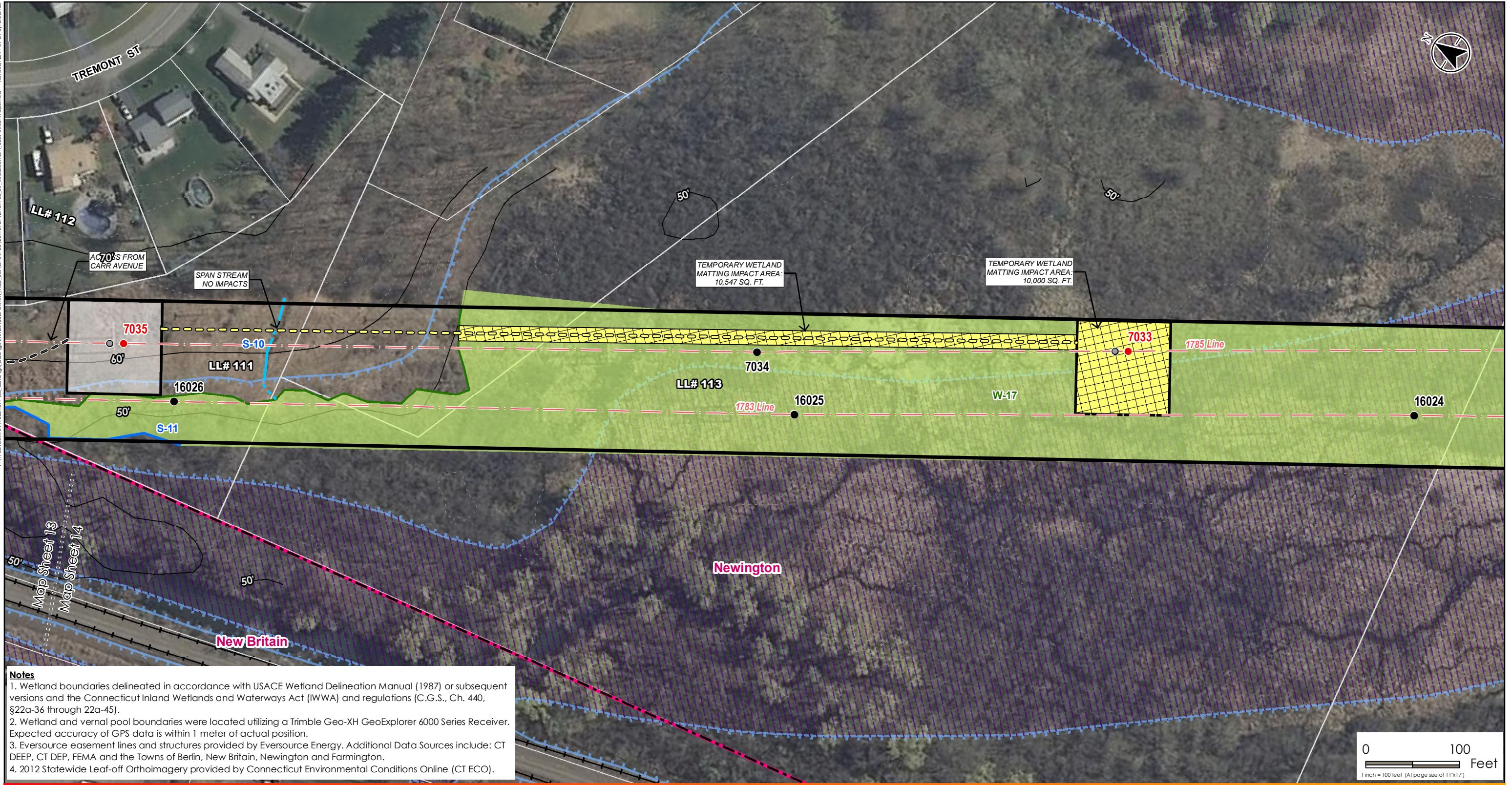
195601348

Line 1785 Sub-Petition Structure Replacement

Map 07 Abutters Table

LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
111	203 TREMONT ST REAR	NEWINGTON	HELENA S GORSKI	CT
112	203 TREMONT ST	NEWINGTON	DANIEL M & LAUREN MILLER	CT
113	199 STONEHEDGE DR	NEWINGTON	NAKATOMI HOLDING LLC	CT

V:\195601348\195601348_03_data\gis\cadd\gis\W\K\GIS\SubPetition_Map_Series\Line1785_5r_Replacement_SubPetitionMap.mxd
 Reviewed: 2017-07-21 By: bblomer



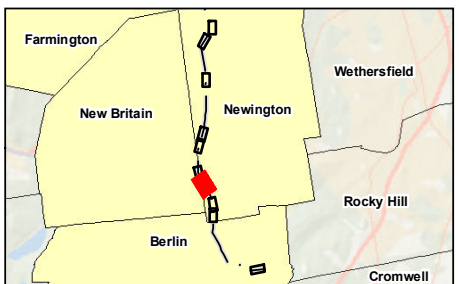
Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Prepared by EMK on 2017-06-28
 Quality Review by KH on 2017-06-29
 Independent Review by SH on 2017-07-05



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- - - Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 7

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

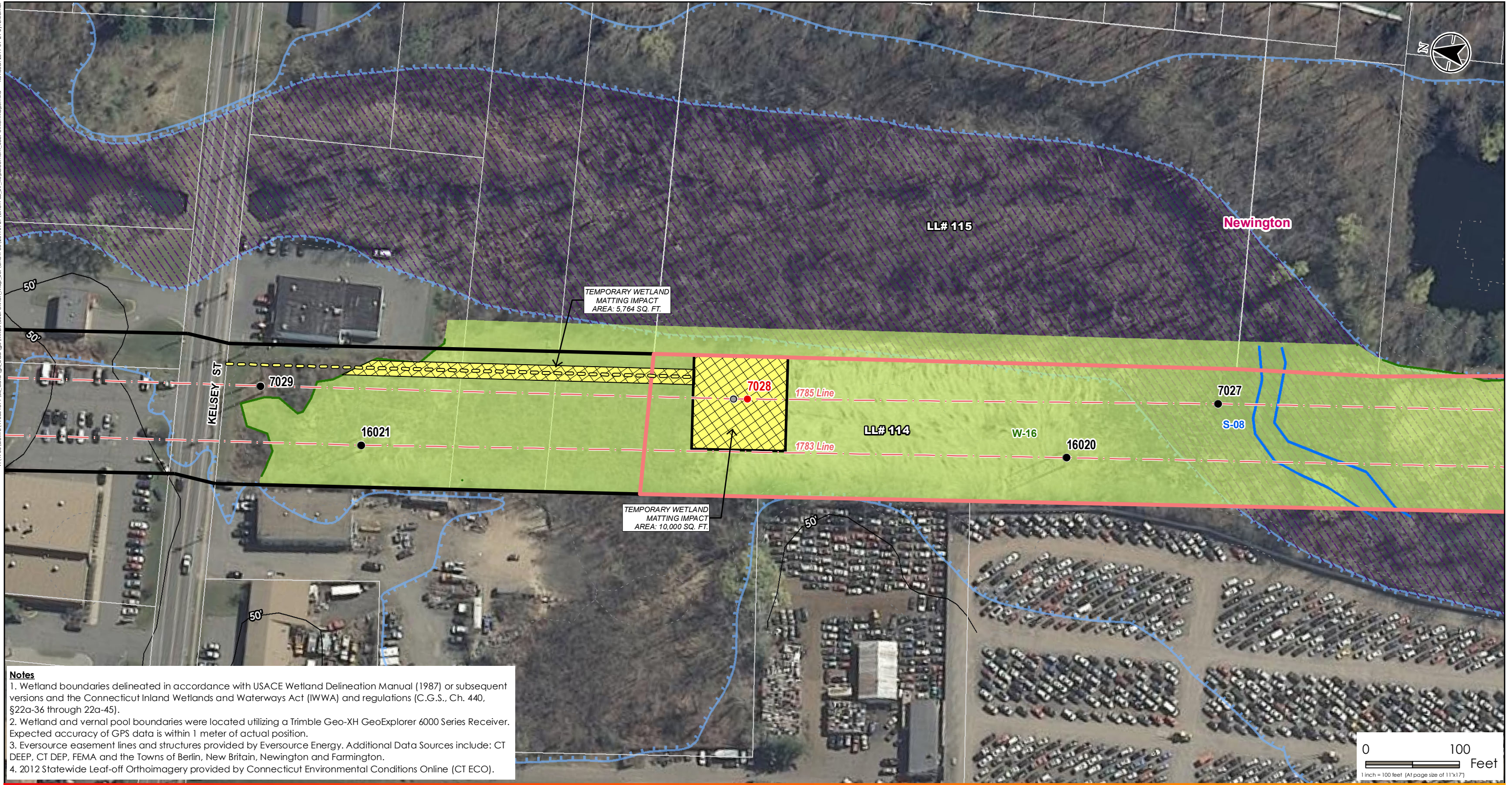
195601348

Line 1785 Sub-Petition Structure Replacement

Map 08 Abutters Table

LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
114	121 LONG ST REAR	NEWINGTON	CONNECTICUT LIGHT AND POWER	CT
115	121 LONG ST	NEWINGTON	TOWN OF NEWINGTON	CT

V:\195601348\195601348_03_data\gis\cadd\gis\W\K\GIS\Subpetition_Map_Set\Line1785_51_Replacement_SubpetitionMap.mxd
 Revised: 2017-07-21 By: bblomer



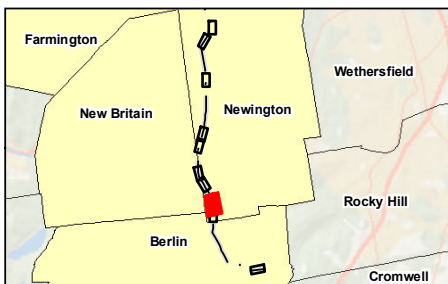
Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Prepared by EMK on 2017-06-28
 Quality Review by KH on 2017-06-29
 Independent Review by SH on 2017-07-05



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 8

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

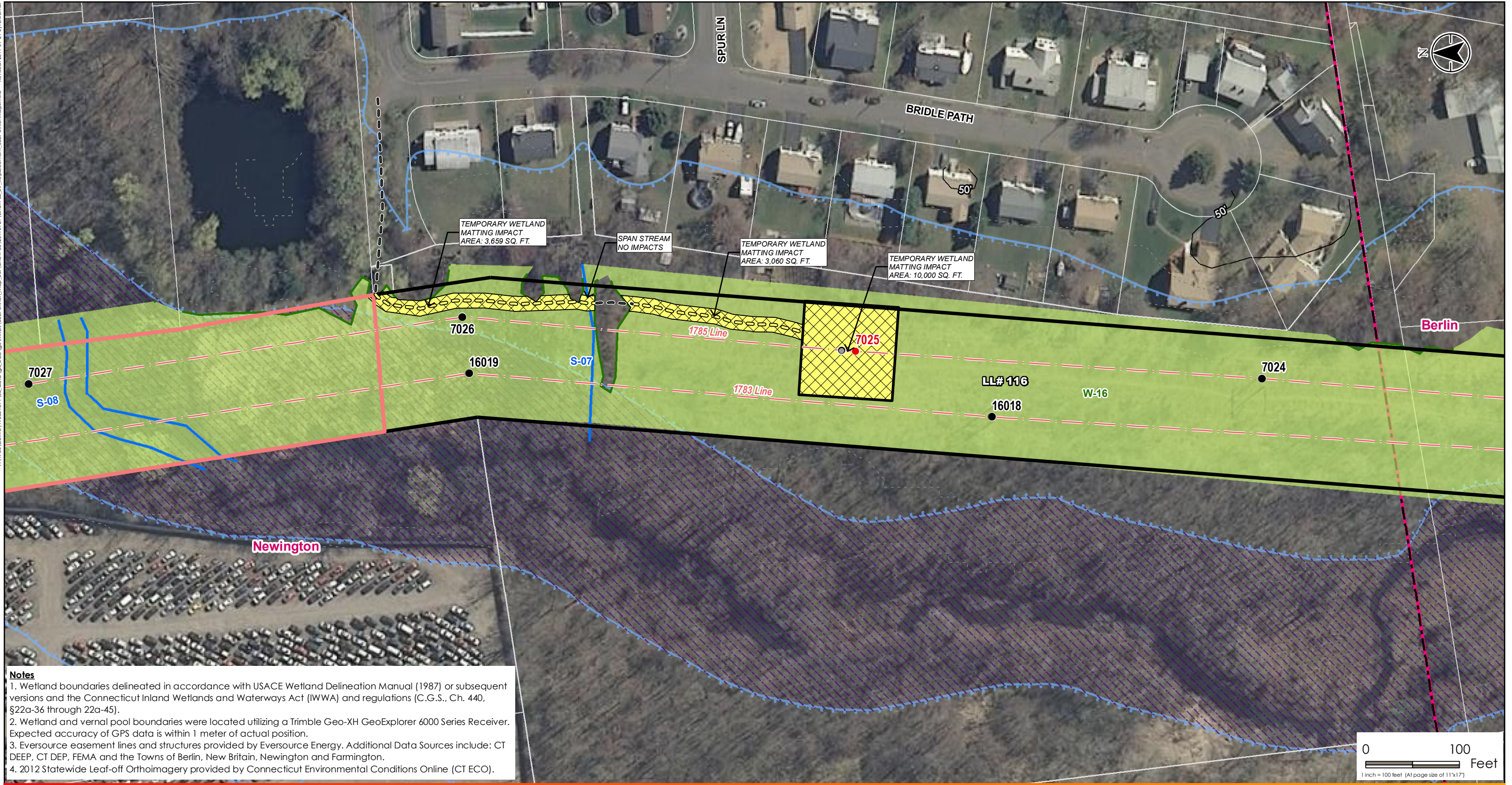
195601348

Line 1785 Sub-Petition Structure Replacement

Map 09 Abutters Table

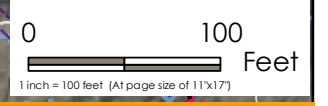
LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
116	15 BRIDAL PTH	NEWINGTON	MARK CYR	CT

V:\195601348\195601348_03_data\gis\cadd\gis\WXD\Subpetition_Map_Set\Line1783_20170721\Line1785_51_Replacement_SubpetitionMap.mxd
 Revised: 2017-07-21 By: bblomer

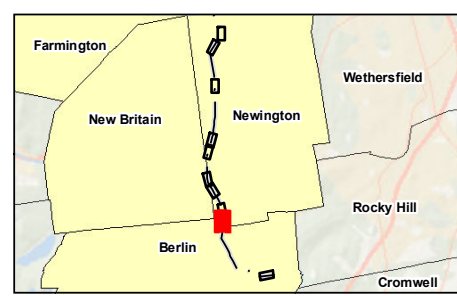
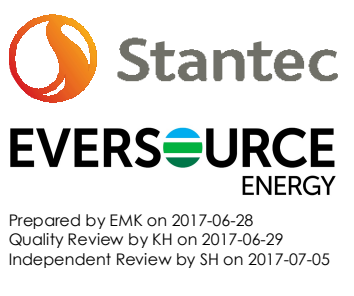


Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).



Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- Existing Access (all necessary rights in place)
- ▭ Stone Work Pad
- ▨ Temporary Construction Matting
- ▭ Eversource-Owned Property
- Culvert
- Ⓜ Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- ⊕ FEMA 100-Year Flood Zone
- ▨ Floodway
- ▨ Natural Diversity Database (NDDB)
- ▭ State-Owned Property
- ▭ Tax Parcel
- Municipal Boundary
- ▭ State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- ▨ Field Delineated Wetland
- ▨ Field Delineated Wetland (by others)
- ▨ Delineated Waterbody
- ▨ Potential Vernal Pool Extent
- ▨ 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 9

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

195601348

Line 1785 Sub-Petition Structure Replacement

Map 10 Abutters Table

LL NUMBER	PARCEL ADDRESS	PARCEL CITY	OWNER NAME	PARCEL STATE
117	410 BECKLEY RD	BERLIN	BERLIN FAIR AGRICULTURE ASSN	CT
118	260 BECKLEY RD	BERLIN	ELAINE E & JOHN C MATULIS JR	CT

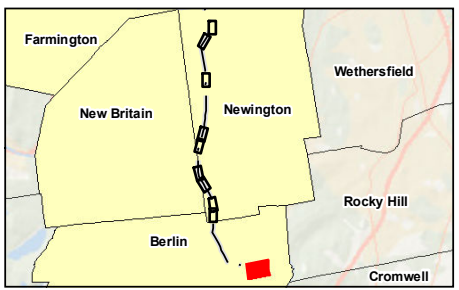
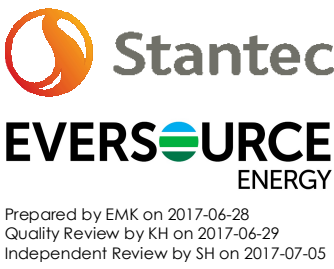
V:\195601348\195601348_03_data\gis\cost\gis\W\K\GIS\SubPetition_Map_Set\Line1785_51_Rep\Replacement_SubPetitionMap.mxd
 Revised: 2017-07-21 By: bblomer



Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and vernal pool boundaries were located utilizing a Trimble Geo-XH GeoExplorer 6000 Series Receiver. Expected accuracy of GPS data is within 1 meter of actual position.
3. Eversource easement lines and structures provided by Eversource Energy. Additional Data Sources include: CT DEEP, CT DEP, FEMA and the Towns of Berlin, New Britain, Newington and Farmington.
4. 2012 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CT ECO).

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Prepared by EMK on 2017-06-28
 Quality Review by KH on 2017-06-29
 Independent Review by SH on 2017-07-05

Legend

- Proposed Structure
- Existing Structure
- Existing Structure to Be Removed
- - - Approximate Transmission Line (Centerline)
- Existing Right-of-Way (ROW)
- Proposed Access (all necessary rights in place)
- Proposed Alternate Access (where new rights will be obtained)
- Existing Access (all necessary rights in place)
- Stone Work Pad
- Temporary Construction Matting
- Eversource-Owned Property
- Culvert
- Gate
- - - 2' Contour Line
- 10' Contour Line
- x-x-x Fence
- Railroad
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database (NDDB)
- State-Owned Property
- Tax Parcel
- Municipal Boundary
- State of Connecticut Wetland
- Watercourse (not delineated)
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Field Delineated Wetland (by others)
- Delineated Waterbody
- Potential Vernal Pool Extent
- 100-ft Potential Vernal Pool Buffer (Envelope)

Client/Project
 Eversource Energy
 Line 1783/1785 Structure Replacement
 Hartford County, Connecticut

Map No.
 10

Title
 Line 1785 Sub-Petition Map Set
 7/21/2017

195601348

ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

AFFIDAVIT OF SERVICE OF NOTICE

STATE OF CONNECTICUT)
) ss. Hartford
COUNTY OF HARTFORD)

In accordance with Condition 2 of the Connecticut Siting Council's ("Council") March 31, 2017 declaratory ruling on Petition No. 1293, I hereby certify that on July 25, 2017, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-NBB-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and eleven abutters. The notice of the proposed maintenance activities states that comments or concerns regarding the maintenance activities described in the Sub-Petition should be submitted to the Council within 30 days of the date of such notice.

Municipal Officials:

Town of Newington
ATTN: Tanya Lane, Town Manager
131 Cedar St.
Newington, CT 06111

City of New Britain
ATTN: Erin Stewart, Mayor
27 West Main Street
New Britain, CT 06051

Town of Berlin
ATTN: Carol Denise McNair, Town Manager
240 Kensington Rd.
Berlin, CT 06037



Susan J. Bellion
Project Siting Specialist

On this the 25th day of July, 2017, before me, the undersigned representative, personally appeared, Susan J. Bellion, known to me (or satisfactorily proven) to be the person whose name is subscribed to the foregoing instrument and acknowledged that he executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.



Notary Public
My Commission expires:

GINA M. LEO
NOTARY PUBLIC
MY COMMISSION EXPIRES FEB. 28, 2021

July 25, 2017

Dear Neighbor,

Maintaining the infrastructure that supports our electric lines is one of the ways we ensure the safe, secure transmission of electricity throughout the region. As part of our everyday effort to deliver reliable energy and superior service to our customers and communities, we plan to replace a number of electric transmission structures in your area.

You're receiving this letter, and a copy of the Sub-Petition, because the proposed work would be taking place within the right of way on or near your property.

About This Electric System Improvement

This project, called the 1785 Structure Replacement Project, involves replacing several existing wood structures with weathering steel structures; these new structures will provide continued reliability of the transmission line and maintain the integrity of the transmission system.

As part of this upgrade project, we'll be submitting a "Sub-Petition" to the Connecticut Siting Council (CSC) for its review and approval. The Sub-Petition is a document with detailed information about the proposed upgrades.

What You Can Expect

We're proposing to do the work on Eversource property or within the existing rights of way between the Newington Substation on Cherry Hill Road to the Berlin Substation on Beckley Road. The right of way runs through portions of Newington, New Britain and Berlin.

Once we receive all necessary approvals for this proposed work, construction is expected to begin in August 2017. We expect to complete restoration of any affected areas by mid-2018.

Connecticut Siting Council Process and Timing

With this letter, Eversource is providing notice to you of its proposed work activity, as described in the enclosed sub-petition. If you have any comments or concerns about the project, please send them to the CSC at the following address within 30 days of the date of this letter.

Melanie Bachman, Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

You may also email them to siting.council@ct.gov. If you choose to send comments to the CSC, please reference Sub-Petition No.1293-NNB-01 in your correspondence.

(continued)

Our Commitment to You

We are committed to being a good neighbor and doing our work with respect for you and your property. For more information about this work, please call 1-800-793-2202, or send an email to TransmissionInfo@eversource.com. Thank you.

Sincerely,

Brian Ragozzine

Brian Ragozzine,
Eversource Project Manager – Transmission Projects