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October 5, 2018

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

RE: Docket No. 474: Greater Hartford-Central Connecticut Reliability Project
Development and Management Plan Change Notice Request
Proposed Alignment Modifications to Underground Cable Route: Town of Newington and City of
Hartford

Dear Ms. Bachman:

Pursuant to the Connecticut Siting Council's (Council's) Decision and Order in Docket No. 474, and Volume 2, Attachment A, Section A.2 of the Greater Hartford–Central Connecticut Reliability Project (Project) *Development and Management Plan for the New 115-kV Transmission Line – Underground Segment*, The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) submits to Council staff for review and approval the following proposed alignment modifications to two segments of the underground cable route:

1. Route Modification to Avoid Underground Utilities: Shepard Drive, Town of Newington (D&M Plan, Appendix A, Mapsheet 4).

Along the northern portion of the underground 115-kilovolt (kV) cable route in the Town of Newington, Eversource proposes to shift the alignment of the cable system to the south along a portion of Shepard Drive and across the un-named tributary of Piper Brook and an associated wetland (Stream PS-1 and Wetland N-5). The revised Mapsheet 4 (included in Attachment 1) illustrates the location of the modified cable route¹. This alignment modification is proposed as a result of comments received from the Metropolitan District Commission (MDC) during its review of the Project's *Method and Manner of Construction* submittal to the Public Utilities Regulatory Authority (PURA).

Specifically, the shift in the cable system route is required to reduce of the risk of impacts to buried utilities within an MDC easement. Except for the crossing of the stream/wetland, which will be on private property (owned by Shepard Steel, Line List No. 12114.03), the alignment shift will be accommodated entirely within the Town of Newington's Shepard Drive right-of-way.

Compared to the original alignment, the route modification will result in slightly greater impacts to the intermittent stream and adjacent wetland as a result of Project construction. This is because the alignment shift to the south will place the cable in a slightly wider area of the stream/wetland and thus will require approximately 125 square feet of additional forested wetland vegetation removal and 279 square feet of temporary work area in the intermittent stream. Eversource is submitting amendments to its water resource permits from the U.S. Army Corps of Engineers and the Connecticut Department of Energy and Environmental Protection to address these minor changes.

¹ Revised Mapsheet 4 also depicts the planned location of the splice vault within Shepard Drive; this location, which is about 200 feet east of the vault site shown on the original D&M Plan, reflects current engineering design data.

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2. Route Modification to Accommodate Commercial Landowner: Bow Tie Cinema, City of Hartford (D&M Plan, Appendix A, Mapsheet 5).

The property owners of the Bow Tie Cinema (Line List No. 5339) has requested that Eversource shift the location of the 115-kV underground line on its property to accommodate the landowner's future plans for the property. The revised Mapsheet 5 (included in Attachment 1) illustrates the proposed route modification, as well as associated minor changes to the proposed locations of temporary work areas to be used during the construction of the underground cable system.

The proposed modification will shift Structure 61 (the overhead-underground transition structure located on the Bow Tie Cinema's property) by approximately 80 feet to the south. The transition structure a segment of the underground cable system will be shifted south on the cinema's property. This shift, will range from 30 to 80 feet south of the original cable rout and, will align the cable duct bank through the northern portion of the cinema's paved parking lot. The alignment modification will be located entirely in upland areas, and will not affect any wetlands, watercourses, or other environmental resources.

Should you have any questions regarding this submission, please do not hesitate to contact me via e-mail at kathleen.shanley@eversource.com or telephone at (860) 728-4527.

Sincerely,



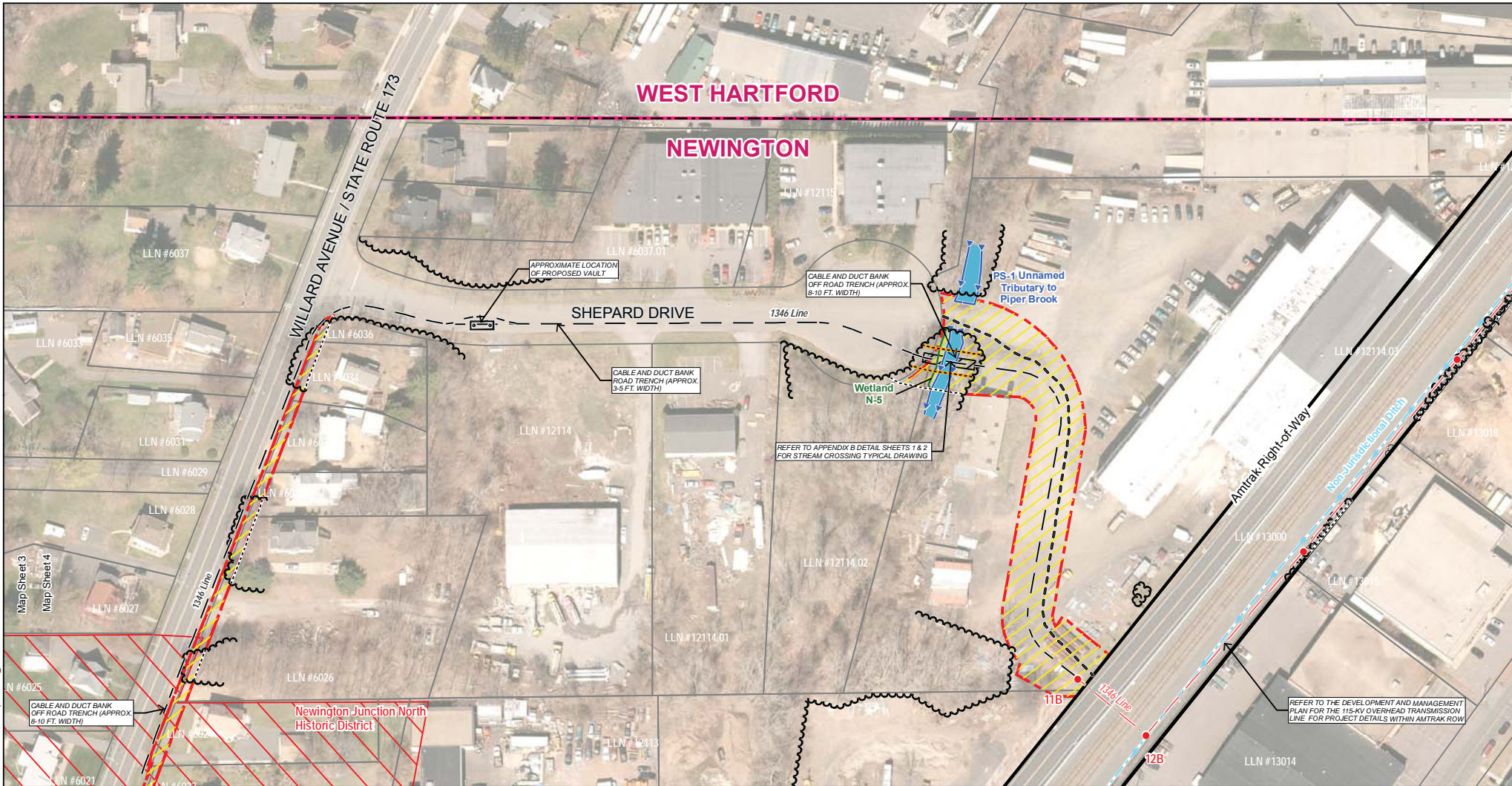
Kathleen M. Shanley
Manager, Transmission Siting

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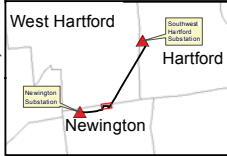
Attachment 1: Revised Mapsheets 4 and 5, Underground Cable D&M Plan, Appendix A

cc: Service List

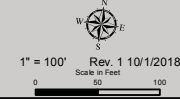
Attachment 1
Revised Mapsheets 4 and 5



General Notes:
 1. The limits of tree clearing, as shown, define areas where vegetation removal and grubbing, grading, and excavation may occur. Minor deviations may be required in some locations. Additionally, danger or hazard tree removal may be required outside of the vegetation removal limits. Vegetation removal equipment may operate anywhere within the limits of vegetation management in uplands. In wetlands and across water resources, temporary clearing routes (consisting of construction mats or equivalent) would be used by the clearing contractor only (these are not depicted on the map sheets and will be determined based on field conditions at the time of construction). Refer to detail sheets 1 & 2 in Appendix B of Volume 1 of the D&M Plan for additional measures in wetland resource areas.
 2. All work will be conducted in accordance with the relevant portions of Eversource's "Best Management Practices Manual for Massachusetts and Connecticut" (September 2016) (BMP manual), unless more stringent project-specific measures apply. All work will be conducted in accordance with the requirements of siting approvals from the Council and regulatory approvals from the U.S. Army Corps of Engineers and the Connecticut Department of Energy and Environmental Protection, and with all project protocols. Refer to detail sheets 1-4 in Appendix B of Volume 1 of the D&M Plan.
 3. Erosion and Sedimentation Control Measures will be installed during construction, as required, to comply with the provisions (as applicable) of the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, Eversource's BMP manual, and regulatory approvals.
 4. Inlet protection shall be installed for any stormwater catch basin within the work zone.
 5. Paved surfaces shall be protected during construction as necessary and any damage to such surfaces shall be repaired at the expense of the contractor.
 6. Spoils resulting from construction activities shall be stockpiled and will be disposed of in accordance with regulatory requirements for the project. Spoils shall not be spread within yards/lawns, or sensitive environmental resource areas. Stockpiling of soil and / or topsoil can occur within upland areas adjacent to the trench or within existing cleared upland areas of ROW.



<ul style="list-style-type: none"> Existing Structure to be Removed (Str Label) Proposed Structure (Str Label) Existing Structure (Str Label) Underground Eversource Line Overhead Eversource Line Eversource Owned Property 	<ul style="list-style-type: none"> Eversource Right-of-Way Proposed Fence Delimited Intermittent Watercourse Delimited Perennial Watercourse Delimited Intermittent Watercourse Delimited Wetland Boundary Outline Field Delimited Wetland FEMA 100-Year Flood Zone Proposed Tree Clearing Line Approximate Tree Line Vegetation Limit After Construction Proposed Tree Clearing Line LLN # / Property Owner 	<ul style="list-style-type: none"> Non-Jurisdictional Ditch Delimited Perennial Watercourse Delimited Intermittent Watercourse Delimited Wetland Boundary Outline Field Delimited Wetland FEMA 100-Year Flood Zone Floodway Construction Tracking Pad Temporary Construction Matting Stone Work Pad Area of Disturbance Temporary Workspace Access Road to be Improved Proposed Access Existing Access Proposed Alternate Access Municipal Boundary Proposed Guy Wire Existing Guy Wire Guy Wire to be Removed 	<ul style="list-style-type: none"> Parcel Boundary Historic District
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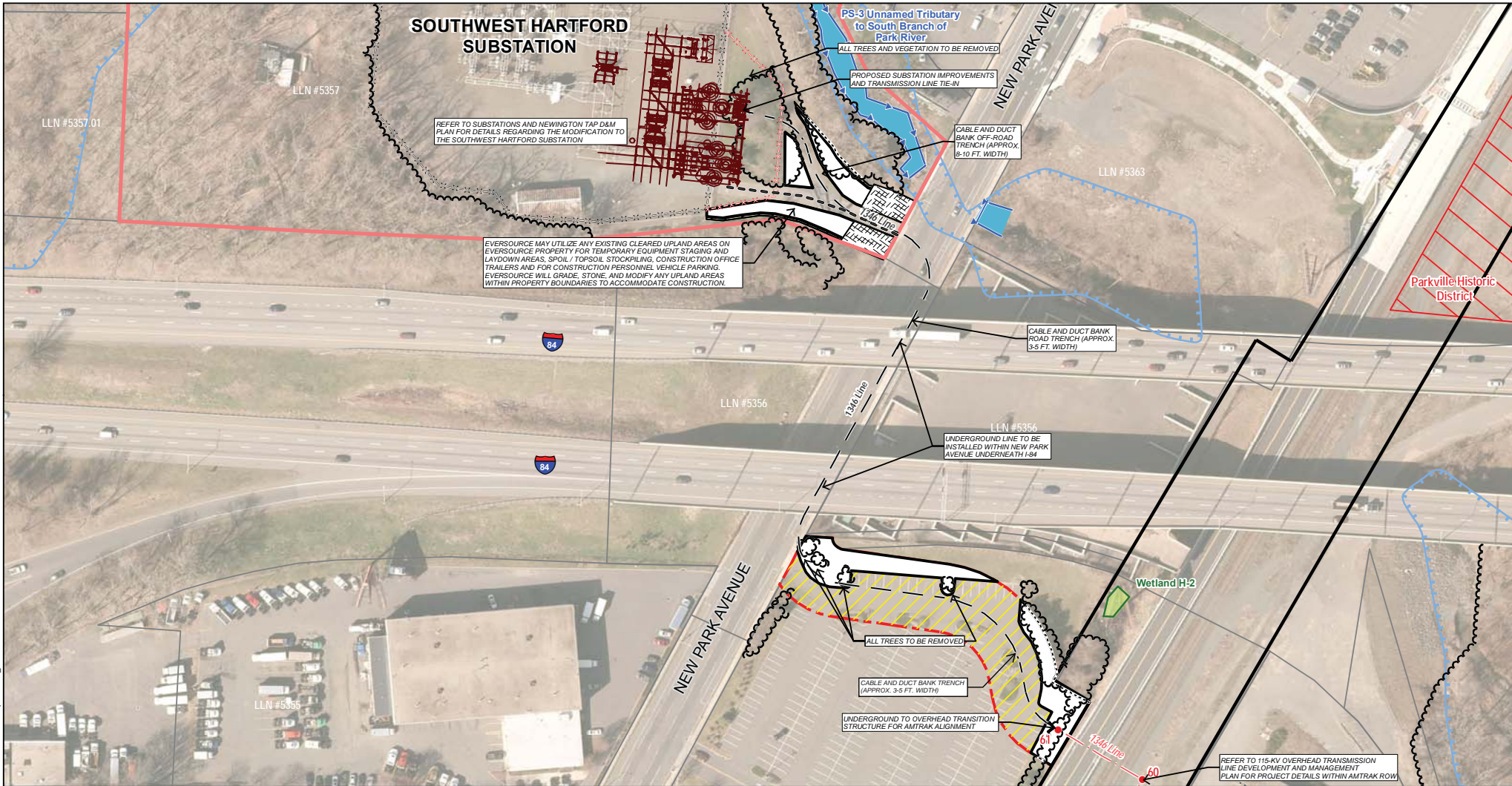


EVSOURCE
 Greater Hartford-Central Connecticut Reliability Project (GHCRP)
 Underground Segment of the 115-kV Transmission Line
 Newington and Hartford, CT

Exhibit A.3: Aerial Map
 Map Sheet 4 of 5

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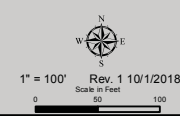


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EVERSOURCE
 Greater Hartford-Central Connecticut
 Reliability Project (GHCCRP)
 Underground Segment of the
 115-kV Transmission Line
 Newington and Hartford, CT

Exhibit A.3: Aerial Map
 Map Sheet 5 of 5

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