GREENWICH SUBSTATION & LINE PROJECT
DEVELOPMENT & MANAGEMENT PLAN

The Connecticut Light and Power Company doing business as Eversource Energy

Volume I – Part 2B
Greenwich Substation Construction
290 Railroad Avenue
Greenwich, Connecticut

February 2019
# Table of Contents

A. Introduction.........................................................................................................................1

A.1 PROJECT OVERVIEW AND PURPOSE OF THE PLAN.................................................................1

A.2 ORGANIZATION OF THE D&M PLAN ......................................................................................3

A.2.1 Volume I – Part 2B – Greenwich Substation D&M Plan .........................................................3

A.3 DEVELOPMENT AND MANAGEMENT PLAN DIRECTORY.......................................................6

A.4 CSC DECISION AND ORDER CHECKLIST ..............................................................................12

B. Regulatory Approvals and Consultations for the Project .................................................16

B.1 REGULATORY APPROVALS AND REQUIREMENTS.................................................................16

B.2 CONSULTATIONS – INCLUDING TOWN INTERACTIONS .........................................................16

C. General Construction Procedures for the Greenwich Substation ..............................19

C.1 CONSTRUCTION MANAGEMENT AND CONTACT INFORMATION........................................19

C.2 GENERAL CONSTRUCTION SEQUENCE ...............................................................................19

C.2.1 Staging Area Identification.................................................................................................19

C.2.2 Site Preparation.....................................................................................................................20

C.2.3 Erosion and Sediment Controls .........................................................................................20

C.2.4 Soil Handling and Dewatering ............................................................................................21

C.2.5 Blasting................................................................................................................................22

C.2.6 Foundation and Equipment Installation ..............................................................................23

C.2.7 Transformer Oil-Spill Containment....................................................................................24

C.2.8 Precast Concrete/Brick Veneer Perimeter Wall .................................................................25

C.2.9 Landscaping.........................................................................................................................25

C.2.10 Modifications to Prospect Substation .............................................................................25

C.2.11 Testing and Commissioning..............................................................................................26
C.2.12 Final Cleanup and Restoration .................................................................................................................. 26

D. Construction Schedule and Work Hours ........................................................................................................... 27
  D.1 Construction Schedule .................................................................................................................................... 27
  D.2 Work Hours .................................................................................................................................................. 27

E. Related Construction Procedures ..................................................................................................................... 28
  E.1 Spill Prevention and Countermeasures Plan .................................................................................................. 28
  E.2 Stormwater Management ............................................................................................................................... 28
  E.2.1 Substation Construction ............................................................................................................................. 28
  E.2.2 Pre- and Post-Construction Stormwater .................................................................................................. 29
  E.3 Provisions for Winter Work ............................................................................................................................ 29
  E.4 Air Quality Protection (Dust and Dirt Tracking) and Vehicle Idling Protocol .............................................. 29
  E.5 Handling and Disposition of Excavated Soil and Wastes ........................................................................... 30
  E.6 Lighting and Noise Mitigation ......................................................................................................................... 31
  E.7 Site Access, Traffic Control and Construction Signs .................................................................................... 31
  E.8 Construction Equipment and Vehicle Washing .......................................................................................... 33
  E.9 Post-Construction EMF Monitoring Plan ....................................................................................................... 33

F. Notices and Reports ............................................................................................................................................ 34
  F.1 Notices to the Council: Start and Completion of Construction (Including Access and Vegetation Clearing)... 34
  F.2 Changes to the D&M Plan .............................................................................................................................. 34
  F.3 Notices and Reports ........................................................................................................................................ 36

G. Stakeholder Outreach ....................................................................................................................................... 39
  G.1 Community Outreach on D&M Plan ................................................................................................................ 39
  G.2 Community Outreach During Construction ................................................................................................ 39
List of Tables

Table A-1, D&M Plan Directory, Volume I – Part 2B – Greenwich Substation
Table A-2, D&M Plan Directory of Docket No. 461A Decision and Order Requirements Greenwich Substation and Transmission Line Project
Table B-1, Permits, Reviews, and Approvals Required for the Project
Table D-1, Greenwich Substation Construction Schedule
Table F-1, Reports to be Provided to the Council
Table G-1, Greenwich Substation Abutters List

List of Figures

Figure A-1, Project Facilities Location Map
Figure A-2, Greenwich Substation Arrangement
Figure F-1, D&M Plan Change Process
Figure G-1, Greenwich Substation Abutters Map

Appendices

Appendix A: The Council’s Decision and Order and Opinion for the Project (Docket No. 461A)
Appendix B: Greenwich Substation Line Drawings
Appendix D: Perimeter Wall Visual Simulation
Appendix E: Preliminary Landscaping Plans
Appendix F: Spill Prevention, Control and Countermeasure Plan
Appendix G: Post-Construction Electric and Magnetic Field Monitoring Plan
A. Introduction

A.1 Project Overview and Purpose of the Plan

The Connecticut Light and Power Company doing business as Eversource Energy (“Eversource” or “the Company”) has prepared this Development and Management Plan (“D&M Plan” or “Plan”) in association with the Greenwich Substation & Line Project (the “Project”). The Project is needed to enhance the electric system in Greenwich, Connecticut. It includes the construction, operation, and maintenance of a new substation, two (2) new all-underground 115-kilovolt (“kV”), cross-linked polyethylene (“XPLE”) transmission lines (“Transmission Lines”), and improvements and modifications to the existing Cos Cob Substation. These Project improvements will consist of the following:

- Improvements and modifications to the existing Cos Cob Substation off Sound Shore Drive.
- Construction of a new open-air insulated substation (“Greenwich Substation”) located at 290 Railroad Avenue (“Site”), the subject of this Plan.
- Two (2) new 2.3-mile underground 115-kV transmission lines (to be designated the 1020 and 1703 lines) with splice vaults to be located within road rights-of-way (“ROWs”) to the extent that space is available, given the locations of existing underground utilities, or on property adjacent to road ROWs. Installation of the new underground 115-kV transmission lines will require crossing beneath Interstate 95 (“I-95”) and crossing Indian Harbor within Bruce Park.

In addition to the above, the Project will also require installation of underground distribution feeders to connect the new substation to the distribution system and some modifications to Prospect Substation.

Please refer to Figure A-1, Project Facilities Location Map.

On May 5, 2017, Eversource submitted to the Connecticut Siting Council (“Council” or “CSC”) a Petition for Reconsideration (“Motion to Reopen”) (Council Docket No. 461A). After public meetings, evidentiary hearings, and technical reviews, the Council approved the Project on November 9, 2017. Condition 3 of the Council’s Decision and Order approving the Project requires that Eversource prepare two D&M Plans (one specific to the new Greenwich Substation and other substation improvements and one specific to the construction of the transmission lines), in compliance with Sections 16-50j-60 through 16-50j-62 of the Regulations of Connecticut State Agencies (RCSA: Requirements for a D&M Plan, Elements of a D&M Plan, Reporting Requirements). Accordingly, the D&M Plans will address all construction activities for the Project. This D&M Plan addresses construction activities associated with the construction of the new open-air insulated substation located at 290 Railroad Avenue. A copy of the Council’s Decision and Order is provided as Appendix A.
UNDERGROUND ROUTE
INDIAN HARBOR CROSSING NORTH OF EXISTING DAVIS AVENUE BRIDGE
TRANSMISSION LINE TO BE PIPE-JACKED UNDERNEATH INTERSTATE-95
COS COB SUBSTATION
PROJECT MATERIAL STAGING AREA LOCATION
GREENWICH SUBSTATION LOCATION
INDEX MAP
Figure A-1
Project Facilities Location Map
Greenwich Substation and Line Project
Greenwich, Connecticut
February 2019
Base Map: ESRI USA Topographic Map
Copyright © 2013 National Geographic Society, i-cubed
Connecticut
Massachusetts

Legend
• Trenchless Crossing Underneath Interstate-95
• Underground Transmission Line (6 wide)
A.2 Organization of the D&M Plan

This D&M Plan consists of two volumes with Volume 1 being submitted in two separate parts with their own appendices:

- **Volume I – Part 1 – Cos Cob Substation (Submitted to Council Under Separate Cover):** Addresses all construction activities for the modifications to the Cos Cob Substation. This document was approved by the Council on April 12, 2018.

- **Volume I – Part 2A – Demolition of Warehouse Building and Pre-Construction Site Preparation (Submitted to Council Under Separate Cover):** Addresses the demolition of the existing warehouse building formerly occupied by the Pet Pantry Super Discount Stores, LLC (“Pet Pantry”) and the removal of existing pavement and subsurface utilities at 290 Railroad Avenue. This document was approved by the Council on June 21, 2018.

- **Volume I – Part 2B – Greenwich Substation (Herein Provided):** Addresses the construction of the new substation located at 290 Railroad Avenue.

- **Volume II – Part 1 – 115-kV Underground Transmission Lines (Submitted to Council Under Separate Cover):** Addresses construction activities for the 2.3-mile, 115-kV XPLE underground transmission lines connecting Cos Cob Substation to the new Greenwich Substation at 290 Railroad Avenue exclusive of the Indian Harbor crossing within Bruce Park. This document is currently under review by the Council. This document was approved by the Council on January 17, 2019.

- **Volume II – Part 2 – Indian Harbor Crossing (Under Separate Cover):** Addresses construction activities for the 115-kV underground transmission lines crossing of Indian Harbor within Bruce Park. Pending submittal to the Council.

A.2.1 Volume I – Part 2B – Greenwich Substation D&M Plan

Volume I – Part 2B addresses Project-related activities associated with the final design and construction of the new open-air insulated substation to be located at 290 Railroad Avenue. This D&M Plan also identifies regulatory requirements, describes general construction procedures and special plans, provides an overall construction schedule and public outreach activities, and includes processes for reporting Project activities to the Council and notifying and requesting approval from the Council if changes to the D&M Plan are required.

Table A-1 herein summarizes each of the Council’s D&M Plan requirements, pursuant to RCSA Sections 16-50j-60 through 16-50j-62, while Table A-2 identifies the requirements pertaining to the Project as
contained in the Council’s Decision and Order and Opinion. For each D&M Plan requirement, Tables A-
1 and A-2 either identify the location in this D&M Plan where the requirement is addressed or state why
the requirement is not relevant.

Specific to the new Greenwich Substation (or “Substation”), all the proposed permanent structures will be
contained within the existing property boundaries of 290 Railroad Avenue (“Site”). Specific to the
approved brick perimeter wall, the northern section of the wall will be relocated south, by approximately
10 feet, to increase the setback distance between it and Railroad Avenue, as ordered by the Council. Please
refer to Figure A-2, Greenwich Substation Schematic.
Legend

- Substation Termination
- Project Material Staging Area Location
- 290 Railroad Avenue Parcel Boundary
- Proposed Substation Layout
- Approximate Parcel Boundary

Figure A-2
Greenwich Substation Schematic
290 Railroad Avenue
Greenwich, Connecticut

Map Notes:
Base Map: 2016 Orthophotography (CTECO Map Service)
Map Scale: 1 inch = 70 feet
Map Date: February 2019
### A.3 Development and Management Plan Directory

Table A-1 presents the requirements for a D&M Plan pursuant to RCSA Section 16-50j-60 through 62, as amended, and indicates where within the D&M Plan the relevant information is located.

**Table A-1, D&M Plan Directory**

*Volume I – Part 2 – New Greenwich Substation*

*(Compliance with RCSA Sections 16-50j-60, -61 and -62, as amended through September 7, 2012)*

<table>
<thead>
<tr>
<th>R.C.S.A Section</th>
<th>Description</th>
<th>D&amp;M Plan (Section Reference, as Applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-50j-60</td>
<td><strong>Purpose.</strong> The Council may require the preparation of full or partial D&amp;M Plans for proposed energy facilities, modifications to existing energy facilities, or where the preparation of such a Plan would help significantly in balancing the need for adequate and reliable utility services at the lowest reasonable cost to consumers with the need to protect the environment and the ecology of the state.</td>
<td>This D&amp;M Plan (Volume 1 – Parts 2A&amp;B) applies to the new Greenwich Substation.</td>
</tr>
<tr>
<td>(a)</td>
<td><strong>When required.</strong> A partial or full D&amp;M Plan shall be prepared in accordance with this regulation and shall include the information described in RCSA Sections 16-50j-61 to 16-50j-62, inclusive, for any proposed energy facility for which the Council issues a certificate of environmental compatibility and public need, except where the Council provides otherwise at the time it issues the certificate. Relevant information in the Council’s record may be referenced.</td>
<td>This D&amp;M Plan (Volume 1 – Parts 2A&amp;B) applies to the new Greenwich Substation.</td>
</tr>
<tr>
<td>(b)</td>
<td><strong>Procedure for preparation.</strong> The D&amp;M Plan shall be prepared by the certificate holder or the owner or operator of the proposed facility or modification to an existing facility. The preparer may consult with the staff of the Council to prepare the D&amp;M Plan.</td>
<td>This D&amp;M Plan was prepared by Eversource.</td>
</tr>
<tr>
<td>(c)</td>
<td><strong>Timing of plan.</strong> The D&amp;M Plan shall be submitted to the Council in one or more sections, and the Council shall approve, modify, or disapprove each section of the Plan not later than 60 days after receipt of it. If the Council does not act to approve, modify or disapprove the Plan or a section thereof within 60 days after receipt of it, the Plan shall be deemed approved. Except as otherwise authorized by the Council, no clearing or construction shall begin prior to approval of applicable sections of the D&amp;M Plan by the Council.</td>
<td>This Volume includes relevant information for the new Greenwich Substation except for the list of contractor personnel as specified in Section 16-50j-61(c)(8). Contact information for the prime contractor(s) for the Substation work will be provided to the Council in a supplemental submission, after contract award, prior to the commencement of construction.</td>
</tr>
</tbody>
</table>
### Elements of D&M Plan

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(a)</strong></td>
<td><strong>Key Map</strong>, 1 inch = 2,000 feet USGS topographic map</td>
<td>Volume I – Part 2B, Figure A-1.</td>
</tr>
<tr>
<td><strong>(b)</strong></td>
<td><strong>Plan Drawings</strong>, 1 inch = 100 feet or larger, and supporting documents, which shall contain the following information:</td>
<td>Construction Drawings are included in Volume I – Part 2B Appendix B.</td>
</tr>
<tr>
<td>1.</td>
<td>Edges of the proposed site and any existing site contiguous to or crossing the site, portions of the site owned by the company in fee, and the identity of property owners of record of the portions of the site not owned by the company in fee.</td>
<td>Volume I – Part 2B Appendix B.</td>
</tr>
<tr>
<td>2.</td>
<td>Public roads and public land crossings or adjoining the site.</td>
<td>Volume I – Part 2B Appendix B.</td>
</tr>
<tr>
<td>3.</td>
<td>Approximate location of 50-foot contours along the site.</td>
<td>Volume I – Part 2B Appendix B.</td>
</tr>
<tr>
<td>4.</td>
<td>Probable location, type, and height of the proposed facility and components (including each new transmission structure, position of guys, description of foundations, and locations of any utility or other structures to remain on the site or to be removed).</td>
<td>Volume I – Part 2B Appendix B.</td>
</tr>
<tr>
<td>5.</td>
<td>Probable points of access to the site, and the route and likely nature of accessways, including alternatives.</td>
<td>Volume I – Part 2B Appendix B.</td>
</tr>
<tr>
<td>6.</td>
<td>Edges of existing and proposed clearing areas, the type of proposed clearing along each part of the site, and the location and species identification of vegetation that would remain for aesthetic and wildlife value.</td>
<td>Volume I – Part 2B Appendix B.</td>
</tr>
<tr>
<td>7.</td>
<td>Identification of sensitive areas and conditions within and adjoining the site, including but not limited to:</td>
<td></td>
</tr>
<tr>
<td>A.</td>
<td>Wetland and watercourse areas regulated under CGS Chapter 440 and any locations where construction may create drainage problems.</td>
<td>Not Applicable to Volume I – Part 2B.</td>
</tr>
<tr>
<td>B.</td>
<td>Areas of high erosion potential.</td>
<td>Not Applicable to Volume I – Part 2B.</td>
</tr>
<tr>
<td>C.</td>
<td>Known critical habitats or areas identified as having rare, endangered, or threatened, or special concern plant or animal species listed by the state or federal government.</td>
<td>Not Applicable to Volume I – Part 2B.</td>
</tr>
<tr>
<td>D.</td>
<td>Location of known underground utilities or resources agencies to be crossed (electric lines, fuel lines, drainage systems and natural or artificial public or private water resources)</td>
<td>Volume I – Part 2B, Appendix B.</td>
</tr>
<tr>
<td>E.</td>
<td>Residences or businesses within or adjoining the site that may be disrupted during the construction process.</td>
<td>Volume I – Part 2B, Section G, Figure G-1 &amp; Table G-1.</td>
</tr>
</tbody>
</table>
### Supplemental Information

1. Plans (if any) to salvage marketable timber, restore habitat and maintain snag trees within or adjoining the site

   Not Applicable to Volume I – Part 2B.

2. All construction and rehabilitation procedures with reasonable mitigation measures that shall be taken to protect areas and conditions identified in 7 above, including but not limited to:

   A. Construction techniques at wetland and watercourse crossings.

   Not Applicable to Volume I – Part 2B.

   B. E & S control and rehabilitation procedures, consistent with the CT Guidelines for Soil Erosion and Sediment Control, as updated and amended, for areas of high erosion potential.

   Volume I – Part 2B Section C.2.5; E.2; and Appendix C, Eversource BMPs.

   C. Precautions and all reasonable mitigation measures to be taken in areas within or adjoining the site to minimize any adverse impacts of such actions or modifications endangered, threatened, or special concern plant or animal species listed by federal or state agencies and critical habitats that are in compliance with federal and state recommended standards and guidelines, as amended.

   Not Applicable to Volume I – Part 2B.

   D. Plans for modification and rehabilitation of surface, drainage, and other hydrologic features.


   E. Plans for watercourse bank restoration in accordance with Chapter 440 of the C.G.S.

   Not Applicable to Volume I – Part 2B.

   F. Plans for the protection of historic and archaeological resources with review and comment from a state historic preservation officer of the CT Department of Economic and Community Development (DECD) or its successor agency.

   Not Applicable to Volume I – Part 2B.

3. Plans for the method and type of vegetation clearing and maintenance to be used within or adjacent to the site.

   No tree removal required for Substation construction. All tree removal, trimming and vegetation management was performed during Warehouse demolition.
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>Location of public recreation areas or activities known to exist or being proposed in or adjacent to the site, together with copies of agreements between the company and public agencies authorizing the public recreation use of the site to the extent of the company’s rights thereto.</td>
<td>Not Applicable to Volume I – Part 2B.</td>
</tr>
<tr>
<td>5.</td>
<td>Plans for ultimate disposal of excess excavated material, stump removal, and periodic maintenance of the site.</td>
<td>Volume I – Part 2B, Section E.5.</td>
</tr>
<tr>
<td>7.</td>
<td>Rehabilitation plans, including but not limited to reseeding and topsoil restoration.</td>
<td>Volume I – Part 2B, Section C.2.12 and Appendix B.</td>
</tr>
<tr>
<td>8.</td>
<td>Contact information for the personnel of the contractor assigned to the project.</td>
<td>Contact information for the Substation work will be provided to the Council in a supplemental submission, after contract award, prior to the commencement of construction.</td>
</tr>
<tr>
<td>9.</td>
<td>Such site-specific information as the CSC may require.</td>
<td>Refer to Table A-2: List of requirements per Docket 461A Decision and Order and Opinion.</td>
</tr>
<tr>
<td></td>
<td><strong>Notice.</strong> A copy, or notice of the filing, of the D&amp;M Plan, or a copy, or notice of the filing of any changes to the D&amp;M Plan, or any section thereof, shall be provided to the service list and the property owner of record, if applicable, at the same time the plan, or any section thereof, is submitted to the CSC.</td>
<td>Volume I – Part 2B, Section F.1 and F.2.</td>
</tr>
<tr>
<td></td>
<td><strong>Changes to the Plan.</strong> The CSC may order changes to the D&amp;M plan, including but not limited to vegetative screening, paint color, or fence design at any time during the preparation of the plan.</td>
<td>As applicable; refer to Volume I – Part 2B, Section F.2 Eversource’s Change Notice process.</td>
</tr>
</tbody>
</table>

### 16-50j-62 Supplemental Reporting Requirements

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td><strong>Site Testing and Staging Areas.</strong> The certificate holder, or facility owner or operator, shall provide the CSC with written notice of the location and size of all areas to be accessed or used for site testing or staging areas. If such an area is to be used prior to approval of the D&amp;M plan, the CSC may approve such use on terms as it deems appropriate.</td>
<td>Volume I – Part 2B, Sections C.2.1, and F.1. The locations of contractor yards and material staging areas will be identified by the contractor and submitted to the Council for review and approval prior to use, pursuant to the Change Notice process described in Section F.2.</td>
</tr>
</tbody>
</table>
### Notice

1. The certificate holder, or facility owner or operator, shall provide the CSC, in writing with a minimum of two weeks advance notice of the beginning of the construction of the new Greenwich Substation.

2. The certificate holder, or facility owner or operator, shall provide the CSC with advance written notice whenever a significant change of the approved D&M plan is necessary. If advance written notice is impractical, verbal notice shall be provided to the CSC immediately and shall be followed by written notice not later than 48 hours after the verbal notice. Significant changes to the approved D&M Plan shall include, but not be limited to, the following:

   A. The location of wetland or watercourse crossing

   B. The location of an accessway or structure in a regulated wetland or watercourse area.

   C. The construction or placement of any temporary structures or equipment

   D. A change in structure type or location including, but not limited to, towers, guy wires, associated equipment or other facility structures.

   E. Utilization of additional mitigation measure, or elimination of mitigation measures. The CSC or its designee shall promptly review the changes and shall approve, modify, or disapprove the changes in accordance with subsection (d) of Section 16-50j-60 of the RCSA.

3. The certificate holder, or facility owner or operator, shall provide the CSC with a monthly construction progress report or a construction progress report at intervals determined by the CSC or its designee, indicating changes and deviations from the approved D&M Plan. The CSC may approve changes and deviations, request corrections, or require mitigation measures.

4. The certificate holder, or facility owner or operator, shall provide the CSC with written notice of completion of construction and site rehabilitation.

(c) **Final Report.** The certificate holder, or facility owner or operator, shall provide the CSC with a final report for the facility not later than 180 days after completion of all site construction and site rehabilitation. The report shall identify:

---

**Volume I – Part 2B, Section F.1.**
1. All agreements with abutters or other property owners regarding special maintenance precautions.

2. Significant changes of the D&M Plan that were required because of property rights of underlying and adjoining owners for other reasons.

3. The location of construction materials which have been left in place including, but not limited to, culverts, erosion control structures along watercourses and steep slopes, and corduroy roads in regulated wetlands.

4. The location of areas where special planting and reseeding have been done.

5. The actual construction cost of the facility, including but not limited to the following costs:
   - A. Clearing and access
   - B. Construction of the facility and associated equipment
   - C. Rehabilitation; and
   - D. Property acquisition for the site or access to the site

(d) **Protective Order.** The certificate holder, or facility owner or operator, may file a motion for protective order pertaining to commercial or financial information related to the site or access to the site.

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F.1.</td>
<td>All agreements with abutters or other property owners regarding special maintenance precautions.</td>
</tr>
<tr>
<td></td>
<td>Significant changes of the D&amp;M Plan that were required because of property rights of underlying and adjoining owners for other reasons.</td>
</tr>
<tr>
<td>Volume I – Part 2B, Section F.1.</td>
<td>The location of construction materials which have been left in place including, but not limited to, culverts, erosion control structures along watercourses and steep slopes, and corduroy roads in regulated wetlands.</td>
</tr>
<tr>
<td></td>
<td>The location of areas where special planting and reseeding have been done.</td>
</tr>
<tr>
<td></td>
<td>The actual construction cost of the facility, including but not limited to the following costs:</td>
</tr>
<tr>
<td></td>
<td>A. Clearing and access</td>
</tr>
<tr>
<td></td>
<td>B. Construction of the facility and associated equipment</td>
</tr>
<tr>
<td></td>
<td>C. Rehabilitation; and</td>
</tr>
<tr>
<td></td>
<td>D. Property acquisition for the site or access to the site</td>
</tr>
<tr>
<td></td>
<td>Protective Order. The certificate holder, or facility owner or operator, may file a motion for protective order pertaining to commercial or financial information related to the site or access to the site.</td>
</tr>
<tr>
<td></td>
<td>Not Applicable.</td>
</tr>
</tbody>
</table>
### A.4 CSC Decision and Order Checklist

Table A-2 presents the Council’s requirements for the Project as provided in the Docket No. 461A Decision and Order and indicates where within the D&M Plan the relevant information is located.

#### Table A-2, D&M Plan Directory of Docket No. 461A

<table>
<thead>
<tr>
<th>Condition Number</th>
<th>Description</th>
<th>D&amp;M Plan (Section Reference, as Applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>The Certificate Holder shall construct the proposed substation at 290 Railroad Avenue, enclosed by a perimeter brick wall. The brick wall shall be relocated south by approximately 10 feet to increase the setback distance between the brick wall and Railroad Avenue.</td>
<td>Volume I – Part 2B Greenwich Substation D&amp;M Plan.</td>
</tr>
<tr>
<td>(2)</td>
<td>The Certificate Holder shall construct the proposed underground electric transmission line along the proposed route using a pipe jack crossing of Interstate 95 and a trench/cofferdam crossing of Indian Harbor, and perform related Project improvements, as proposed, subject to modifications during final site design and approval of the Development and Management (D&amp;M) Plan for the project.</td>
<td>Not Applicable to this Volume. See Volume II – Part 1 - 115-kV Underground Transmission Lines D&amp;M Plan and Volume II – Part 2 – Indian Harbor Crossing D&amp;M (under separate cover).</td>
</tr>
<tr>
<td>(3)</td>
<td>The Certificate Holder shall prepare two D&amp;M Plans for this Project; one specific to the proposed substation and other substation improvements, and one specific to the proposed construction of the new transmission line. Both D&amp;M Plans shall be in compliance with Sections 16-50j-60 through 16-50j-62 of the Regulations of Connecticut State Agencies. The D&amp;M Plans shall be served on the Town of Greenwich for comment, and all parties and intervenors as listed in the service list and submitted to and approved by the Council prior to the commencement of facility construction. The D&amp;M Plans shall include:</td>
<td>Eversource is preparing separate D&amp;M Plans for the Project: Volume I – Part 1 for the Cos Cob Substation Modifications; Volume I – Part 2A for the warehouse demolition and Pre-Construction Site Preparation; Volume I – Part 2B for the construction of the new Greenwich Substation; Volume II – Part 1 - 115-kV Underground Transmission Lines D&amp;M Plan; and Volume II – Part 2 – Indian Harbor Crossing D&amp;M.</td>
</tr>
<tr>
<td>Description</td>
<td>D&amp;M Plan (Section Reference, as Applicable)</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>-------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>a. A detailed site plan showing the placement of all substation equipment,</td>
<td>D&amp;M Plan, Volume I - Parts 1 and 2A; Volume I – Part 2B, Figure A-2 and Appendix B; – D&amp;M Plan Volume II - Parts 1 and 2.</td>
<td></td>
</tr>
<tr>
<td>structures, and buildings within the substation perimeter, access, provisions for storm water management and transformer oil containment and fencing;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. A detailed site plan showing the underground transmission line route,</td>
<td>D&amp;M Plan Volume I - Parts 1 and 2(A&amp;B); – D&amp;M Plan Volume II - Parts 1 and 2.</td>
<td></td>
</tr>
<tr>
<td>splice vaults, traffic management plan, identification of pipe jacking sites,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>provisions for underground cable protection, substation improvements, and equipment and material staging areas;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. An erosion and sediment control plan that includes provisions for any</td>
<td>D&amp;M Plan Volume I - Parts 1 and 2(A&amp;B); – D&amp;M Plan Volume II - Parts 1 and 2.</td>
<td></td>
</tr>
<tr>
<td>areas for the temporary storage of fill materials and is consistent with the</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. A spill prevention control and countermeasures plan;</td>
<td>D&amp;M Plan, Volume I - Parts 1 and 2A; Volume I - Part 2B, Section E.1 and Appendix F; – D&amp;M Plan Volume II - Parts 1 and 2.</td>
<td></td>
</tr>
<tr>
<td>e. Identification of areas for staging and equipment lay down, field office</td>
<td>D&amp;M Plan, Volume I - Parts 1 and 2A; Volume I - Part 2B, Figure A-2 and Appendix B; – D&amp;M Plan Volume II - Parts 1 and 2.</td>
<td></td>
</tr>
<tr>
<td>trailers, sanitary facilities and parking;</td>
<td>Not Applicable to this Volume. See Volume II – Part 2.</td>
<td></td>
</tr>
<tr>
<td>f. Details for the Indian Harbor crossing including related temporary and</td>
<td>All vegetation on Site removed and encroaching branches from offsite trees trimmed during demolition and site prep. Tree Trimming and Management referenced in Volume I - Part 2A and Volume II - Parts 1 and 2.</td>
<td></td>
</tr>
<tr>
<td>permanent construction impacts and methods to reduce such impacts;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. A vegetative clearing/trimming plan;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Condition Number</td>
<td>Description</td>
<td>D&amp;M Plan (Section Reference, as Applicable)</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>h.</td>
<td>Restoration plan for disturbed areas and roads;</td>
<td>Volume I – Part 2B, Section C.2.12, Appendix B and Volume II- Parts 1 and 2.</td>
</tr>
<tr>
<td>i.</td>
<td>A construction schedule, including construction hours</td>
<td>Volume I – Part 2B, Section D.</td>
</tr>
<tr>
<td>j.</td>
<td>A blasting plan, if necessary;</td>
<td>Volume I – Part 2B, Section C.2.5.</td>
</tr>
<tr>
<td>k.</td>
<td>EMF Monitoring Plan; and</td>
<td>Volume I – Part 2B, Appendix E.</td>
</tr>
<tr>
<td>l.</td>
<td>Submission of monthly construction progress reports.</td>
<td>Volume I – Part 2B, Appendix E.</td>
</tr>
<tr>
<td>(4)</td>
<td>The Certificate Holder shall obtain necessary permits from the Connecticut Department of Energy and Environmental Protection, Department of Transportation and other entities, as necessary, prior to the commencement of construction.</td>
<td>Volume I – Part 2B, Table B-1.</td>
</tr>
<tr>
<td>(5)</td>
<td>The Certificate Holder shall comply with all future electric and magnetic field standards promulgated by State or federal regulatory agencies. Upon the establishment of any new standards, the facilities granted in this Decision and Order shall be brought into compliance with such standards.</td>
<td>Volume I – Part 2B, Appendix E.</td>
</tr>
<tr>
<td>(6)</td>
<td>The Certificate Holder shall provide to the Council an operating report within three months after the conclusion of the first year of operation of all facilities herein, and annually thereafter for a period of three years, with information relevant to the overall condition, safety, reliability, and operation of the new transmission line.</td>
<td>Volume I – Part 2B, Section F.1.</td>
</tr>
<tr>
<td>(7)</td>
<td>Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within five years of the effective date of the Decision and Order, or within five years after all appeals to this Decision and Order have been resolved Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.</td>
<td>Not Applicable at this time.</td>
</tr>
<tr>
<td>(8)</td>
<td>Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Greenwich.</td>
<td>Not Applicable at this time.</td>
</tr>
<tr>
<td>Condition Number</td>
<td>Description</td>
<td>D&amp;M Plan (Section Reference, as Applicable)</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>(9)</td>
<td>This Certificate may be surrendered by the Certificate Holder upon written notification to the Council.</td>
<td></td>
</tr>
<tr>
<td>(10)</td>
<td>In accordance with Section 16-50j-62 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.</td>
<td>Volume 1 – Part 2B, Section F.1.</td>
</tr>
<tr>
<td>(12)</td>
<td>This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.</td>
<td></td>
</tr>
</tbody>
</table>
B. Regulatory Approvals and Consultations for the Project

B.1 Regulatory Approvals and Requirements
This D&M Plan conforms to the specifications of Sections 16-50j-60 through 16-50j-62 of the RCSA (Requirements for a D&M Plan, Elements of a D&M Plan, Reporting Requirements); incorporates Eversource’s commitments as contained in the record of the Council’s Docket 461A regulatory process; and reflects adherence to the conditions of the Council’s approval for the Project and other relevant, previously received or anticipated regulatory approvals. The federal, state and local permits and approvals needed for the Project are listed in Table B-1.

B.2 Consultations – Including Town Interactions
During the planning of the Project, Eversource consulted with representatives of the Town of Greenwich (“Town”), as well as with representatives of various state and federal agencies, including the U.S. Army Corps of Engineers (“USACE”), New England District; U.S. Fish and Wildlife Service (“USFWS”); Connecticut Department of Energy and Environmental Protection (“CT DEEP”); CT DEEP Land and Water Resource Division (“LWRD”); State Historic Preservation Office (“SHPO”), and Connecticut Department of Transportation (“ConnDOT”). In addition, Eversource coordinated with property owners along the Transmission Line route.

Discussions with the Town regarding the Project commenced in June 2011 and have continued throughout the siting process. Subsequent to the Council’s decision, Eversource is continuing to meet with the Town to discuss elements of the D&M Plan. In accordance with Condition 3 of the Council’s Decision and Order, Eversource served this D&M Plan on the Town for comment and on all other parties and intervenors on the service list for this Docket1. Prior to formal submittal, Eversource provided the Town an opportunity for an initial review of this document. Additional information regarding Eversource’s public outreach activities is included in Section G.

---

1 Notice of this filing was also provided to the record owner of the Site, 290 Railroad Avenue, LLC in accordance with 16-50j-61(d)
### Table B-1, Permits, Reviews, and Approvals Required for the Project

<table>
<thead>
<tr>
<th>Agency</th>
<th>Certificate, Permit, Review, Approval or Confirmation</th>
<th>Activity Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FEDERAL</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| USACE, New England Division | Section 401 Clean Waters Act (CWA)  
Section 10 Rivers and Harbors Act  
Section 404 CWA  
(Permits requires conformance with Section 106 of the National Historic Preservation Act (NHPA), see Tribal and SHPO consultations below) | Required consultation under CT DEEP LWRD Permit application.  
Excavation/Dredging in navigable water.  
Discharge of fill. |
<p>| U.S. Fish and Wildlife Service | Coordinates with USACE regarding endangered or threatened species | Activities that may affect federally-listed endangered or threatened species (Note: Consultations with this agency revealed that no federally-listed species will be affected by the Project). |
| Federally-recognized Tribal Nations in CT | Coordinates with USACE regarding native American cultural resources | Activities that may affect Native American sites. |
| <strong>CONNECTICUT</strong> | | |
| Connecticut Siting Council | Certificate of Environmental Compatibility and Public Need (Docket 461A, November 9, 2017; refer to Appendix A D&amp;M Plan approvals) | General transmission lines need, siting, construction, environmental compatibility, safety, and operation / maintenance and management procedures. |
| CT DEEP Land and Water Resources Division (LWRD) (Formerly OLISP) | Structures, Dredging and Fill &amp; 401 Water Quality Certification | Activities in in tidal, coastal or navigable waters of the state; Conformance to Section 401 of the CWA. |
| CT DEEP | Threatened, Endangered, and Special Concern Species | Construction and operation activities that may affect state-listed threatened, endangered, and/or special concern species (Note: Consultations with CT DEEP confirmed that no state-listed species will be affected by the Project). |
| CT DEEP | General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities; Stormwater Pollution Control Plan Activities | Construction activities affecting greater than one acre of disturbance. |
| CT DEEP Public Utilities Regulatory Authority | Approval pursuant to CGS Section 16-243 | Method &amp; Manner of Construction Approval to Energize Lines. |
| SHPO | Approval of proposed Project consistency with the NHPA; comments during Council and USACE processes | Construction and operation activities that may affect archaeological or historic resources (Note: investigations revealed that no cultural sites will be affected by the Project). |</p>
<table>
<thead>
<tr>
<th>Agency</th>
<th>Certificate, Permit, Review, Approval or Confirmation</th>
<th>Activity Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTDOT Highway</td>
<td>Encroachment permits</td>
<td>Arch Street crossing beneath I-95 overpass; Pipe jacking beneath I-95 parallel to Indian Field Road; construction on CTDOT property off Sound Shore Drive; and, crossing beneath I-95 overpass in MNR commuter Lot (Cos Cob Train Station).</td>
</tr>
<tr>
<td>CTDOT Highway</td>
<td>Encroachment Agreement</td>
<td>Occupation of CTDOT Highway property off of Sound Shore Drive.</td>
</tr>
<tr>
<td>CTDOT Rails</td>
<td>License Agreement</td>
<td>Permanent occupation of underground lines in MNR Commuter lot (Cos Cob Train Station) and Arch Street crossing underneath MNR overpass.</td>
</tr>
<tr>
<td>CTDOT Rails</td>
<td>Right of Entry Permit</td>
<td>Construction of underground lines in MNR Commuter Lot (Cos Cob Train Station).</td>
</tr>
<tr>
<td>CTDOT Rails</td>
<td>Right of Entry Permit</td>
<td>Staging area in Cos Cob Substation yard.</td>
</tr>
<tr>
<td>Department of Health</td>
<td>Asbestos Abatement Permit</td>
<td>Asbestos Abatement.</td>
</tr>
</tbody>
</table>

**TOWN OF GREENWICH**

<table>
<thead>
<tr>
<th>Town of Greenwich*</th>
<th>Road Opening permit</th>
<th>All work to be performed in the Town right-of-way. Required to perform installation of the underground duct bank and vaults.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town of Greenwich DPW, Building Inspection Division</td>
<td>Demolition Permit</td>
<td>Demolition of the existing Pet Pantry building located at 290 Railroad Avenue.</td>
</tr>
<tr>
<td>Town of Greenwich DPW, Sewer Division</td>
<td>Public Sewer Disconnect Permit</td>
<td>Capping and removal of the existing sewer line at 290 Railroad Avenue.</td>
</tr>
<tr>
<td>Town of Greenwich DPW, Sewer Division</td>
<td>Application for Sewer Permit</td>
<td>Connection of sewer line for Control Enclosure at 290 Railroad Avenue.</td>
</tr>
<tr>
<td>Town of Greenwich DPW, Engineering Division*</td>
<td>Excavation, Filling, and Removal of Earth Material Permit.</td>
<td>Site Preparation and construction activities at 290 Railroad Avenue.</td>
</tr>
<tr>
<td>Town of Greenwich*</td>
<td>Construction Noise Variance</td>
<td>Construction noise occurring outside the parameters of the town ordinance, generally 7:00 am – 6:00 pm Monday – Friday and 9:00 am – 5:00 pm Saturday.</td>
</tr>
<tr>
<td>Town of Greenwich</td>
<td>Building Permit</td>
<td>Control Enclosure – Bathroom.</td>
</tr>
</tbody>
</table>

*Note: Shaded rows are specific to the construction activities at 290 Railroad Avenue covered in this volume.*

*The Town has indicated that it will require these permits; if it applies for such permits, Eversource intends to reserve its rights under State law that would supersede the need for local permits.*

---

2 Department of Public Works
C. General Construction Procedures for the Greenwich Substation

Building the new Greenwich Substation at 290 Railroad Avenue (the “Site”) will involve a sequential, phased, construction approach. All work shall be conducted in strict conformance with applicable Federal, State and Town laws, regulations, codes and ordinances. The following section summarizes the general construction procedures associated with the construction of the new Substation. Site-specific construction drawings and plans are presented in Appendix B of this Volume.

C.1 Construction Management and Contact Information

Prior to the commencement of construction work at Greenwich Substation, Eversource will provide the Council with contact information for its prime construction contractor, consisting of name, corporate address, telephone number, and e-mail address. The Project construction contractor will be required to comply with all applicable regulatory requirements, permits and the Council-approved D&M Plans. Eversource will require the construction contractors’ personnel to attend training regarding Project-specific requirements, including the specifications of the D&M Plans.

The construction of the Substation will be monitored by on-site Eversource Project personnel based in the field who will provide construction oversight and observe and report to Eversource management on construction activities, including adherence to all Project requirements.

C.2 General Construction Sequence

Eversource will construct the new Substation in several stages, some overlapping in time. The following summarizes the sequence of activities for construction of the Substation.

C.2.1 Staging Area Identification

To support construction, areas used to store equipment and materials necessary for construction (“staging areas”) will be located at the Eversource-owned 281 Railroad Avenue property (“Pole Yard”). In addition, some materials may be stored at Cos Cob Substation.

Additional staging areas may be needed to support the Project. Eversource’s selected contractor will evaluate the need for additional sites for staging and laydown of materials. If additional sites are necessary, the proposed locations would be submitted to the CSC for approval.
Any additional staging areas used to support the Substation construction and restoration activities would be temporary in nature. After completion of the Project, these sites would be restored in accordance with underlying landowner agreements.

C.2.2 Site Preparation

Initial, pre-construction Site preparation work will have been completed during demolition activities, including establishing Site signage, access, erosion and sedimentation ("E&S") controls and installation of perimeter security fencing. These measures would be inspected, repaired/modified as appropriate, and left in place to facilitate construction of the Substation. Work during this phase of the Project would involve the use of construction equipment such as, backhoes, trucks (various sizes), and flat-bed trailers. The general sequence of activities required for final Site preparation is summarized below.

- Secure regulatory permits as required;
- Re-establish ingress/egress and methods for delivery of major construction equipment;
- Inspect, maintain, reinforce or repair E&S controls, as necessary.
- Inspect/repair temporary protective fencing around the Site perimeter (chain link fencing with visual screens) including construction notification signs; and,
- Mobilize construction equipment, including temporary construction storage containers, and related equipment and materials to the Site or associated staging areas and set up temporary services required to support construction (e.g. portable toilets, office trailers and designated parking areas).

Subsequent to building demolition activities (see Volume I - Part 2A), any excavations for the removal of existing subsurface structures will have been brought to rough grade and the Site left generally level. However, some additional Site grading would be required in preparation of construction.

C.2.3 Erosion and Sediment Controls

To minimize the potential for erosion and sediment migration during construction, the temporary E&S control measures installed prior to building demolition and preliminary Site preparation work will be inspected prior to mobilization of equipment and maintained thereafter on a routine basis for the duration of the Substation construction. Temporary E&S controls will be left in place until the areas disturbed by construction activities are permanently stabilized. Permanent stabilization will consist of the application of pavement or gravel (for areas within the new Substation property lines). After final stabilization is achieved, all temporary E&S controls will be removed and disposed of properly.
As part of the E&S controls deployed at the Site, where necessary, catch basin filter protection will be utilized to prevent sediments from entering the municipal storm water system. These filters will be regularly inspected and replaced, as needed.

All E&S control practices will be in accordance with the following:

- *Eversource’s Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements), September 2016* (Appendix C); and,
- *CT DEEP Contaminated Soil Transfer and Staging General Permit* (if necessary).

E&S controls are depicted in Appendix B of this Volume.

### C.2.4 Soil Handling and Dewatering

Handling, intermediate storage, transport, and disposal of excavated material will be in accordance with *Eversource’s Best Management Practices Manual for Massachusetts and Connecticut* (“BMP Manual”), dated September 2016 (Appendix C). Any excavated soils suitable for reuse will be temporarily stockpiled on the Site prior to repurposing as backfill. Excess soils will be live-loaded and transported to an Eversource pre-approved facility, for temporary stockpiling and characterization to determine disposal options\(^3\). All transport and disposal activities will be conducted in accordance with applicable regulations and Eversource’s BMP Manual.

Based on recent subsurface investigations conducted by Eversource, groundwater is not expected to be encountered during the construction activities. However, in the unlikely event groundwater\(^4\) is present, Eversource has developed the following plan for handling groundwater and/or water encountered in excavations during construction. Where groundwater or stormwater generated from rain events is present, Eversource contractors will be allowed to pump the water from the excavated area into nearby storm sewer catch basins. The waste water will be discharged through a filter bag before being directed to the catch basin\(^5\). Eversource will conduct pre- and post-construction inspections of each affected catch basin. Where

\[^3\] Eversource intends to coordinate with representatives of one of its pre-approved vendor facilities to allow for temporary stockpiling, remote from the Project area. The material would be stockpiled on and covered by polyethylene sheeting and surrounded by appropriate E&S controls. Sheetings used to cover the stockpile will be weighted to prevent the wind migration of contaminated dust. The materials will be tested to determine appropriate handling and ultimate disposition.

\[^4\] The CTDEEP has assigned a “GB” classification to groundwater underlying the Substation site. The “GB” classification is indicative of highly urbanized areas and presumes groundwater within the area is not suitable for human consumption without prior treatment.

\[^5\] Catch basins on Railroad Avenue and Field Point Road will be protected with erosion and sedimentation control measures. See details in Appendix B for protection details.
required, catch basins will be cleared of significant debris prior to discharges. Once excavation activities are complete, the catch basin(s) will be cleaned of excess sediment with a vacuum truck and the sediment disposed of at an appropriate facility.

If there is suspicion (e.g. based on sheening or odor) that ground/stormwater is contaminated, water will be collected and pumped into a vacuum truck for disposal by an Eversource approved contractor. The water may be directed to a temporary holding tank (frac tank) before being pumped into a tanker truck or roll-off for characterization and disposal at appropriate wastewater treatment facilities.

C.2.5 Blasting

In locations where shallow bedrock is encountered, Eversource’s contractors will implement hoe-ramming or other mechanical chipping techniques. Although not anticipated, field conditions could require blasting in some locations at the Site.

Prior to commencing any blasting activities, Eversource would retain a certified blasting specialist (blasting contractor licensed by the Connecticut Commissioner of Emergency Services and Public Protection) to develop a site-specific blasting plan, in compliance with state and local regulations, the Council’s Decision and Order and Eversource guidelines. The plan would take into consideration local geologic conditions and the locations of nearby utilities and other development, as well as the performance of pre- and post-blast surveys of nearby properties, as necessary. The blasting plan would typically address the following:

- Location(s) where blasting would be performed and general summary of work to be performed;
- List of permits required;
- Blasting schedule (days and hours per day);
- Safety meetings to be held prior to the performance of the blasting;
- Noise and vibration monitoring;
- Pre and post-blasting CCTV inspection of sanitary and storm sewer infrastructure; and,
- Traffic control measures, as warranted.

The blasting plan would be developed in coordination with the Town of Greenwich Department of Public Works and provided to the local Fire Marshal prior to the submittal to the Council for its approval.

Eversource would also conduct community outreach to inform local officials and the public about the planned blasting activity and conduct pre- and post-work inspections, as necessary, of properties abutting the Site. Typically, the construction contractor would arrange for pre- and post-work inspections of abutters’ properties. Eversource would coordinate directly with Town officials, including notifications to the local police and fire departments regarding the schedule for the blasting activity.
**C.2.6 Foundation and Equipment Installation**

Once Site preparation is complete, Substation construction will commence. The proposed Substation will consist of an outdoor, air insulated, 115/13.2-kV switchyard and include the following equipment:

- 2 – 62 MVA (115/13.2-kV) Power Transformers
- 1 – 115kV Circuit Breaker
- 2 – 115kV Underground Cable Termination Structures
- 1 - Control Enclosure
- 1 - Distribution Switchgear Enclosure
- 1 – Lightning Mast
- Associated Disconnect Switches, lightning arrestors, potential transformers and Bus Support Structures
- Perimeter wall

The tallest structure within the Substation will be the lightning shield mast, which will extend 65 feet above grade. The Substation bus work will be approximately 22 feet above grade.

The Substation will include a single story 40-foot by 24-foot by 12-foot control enclosure and an 80-foot by 24-foot by 12.5-foot distribution switchgear enclosure. Construction crews will typically begin with below grade construction, which will include installation of foundations, duct banks for control cables, and the Substation grounding system. The process for installing structure and equipment foundations will generally involve excavation, concrete form work, use of steel reinforcement, and concrete placement. Duct banks will be constructed by excavating to the necessary depths to install conduits which are then encased in concrete. Grounding will also be installed in a shallow trench and backfilled with processed material. Foundations for the perimeter wall will also be constructed at this time.

Once the foundations and other below grade work has been completed, steel structures to support bus and electrical equipment will be erected on their respective foundations. Cranes\(^6\), forklifts, and aerial work platforms may be used during these operations. Major equipment such as the power transformers\(^7\), the control enclosure, and the distribution switchgear will generally be the first equipment installed on the site.

---

\(^6\) The Project does not currently plan to set up a crane in the Town Right of Way to support construction at the Substation. If the Project does need to set up a crane in Town Right of Way, Eversource will coordinate the approval process with the Town.

\(^7\) An area within new Substation will be designated for the use of a mobile transformer, if needed, to facilitate the future operation and maintenance of the Substation. The mobile transformer can be used as a backup should one of the two transformers be out of service.
Other equipment such as lightning arrestors, insulators, disconnect switches and aluminum bus would be installed later.

The new control enclosure will provide space for new relay and control panels and other substation monitoring equipment. The control enclosure will be shipped in multiple sections and fully assembled on the site and set on its foundation with a crane.

The transformers also will be shipped in sections and fully assembled on site. Cranes, man lifts, and all-terrain forklifts will be used to assemble the transformers. Once the transformers are fully assembled, crews will work consecutive 24-hour shifts to install the insulating oil.

The Substation will be equipped with manually controlled emergency and safety lighting. Lighting fixtures will be shielded and focused on specific areas to minimize illumination off-site.

Once all work is complete, the Substation site will be graded and covered with a 6-inch layer of crushed trap rock. Please refer to Appendix B for additional details and information.

**C.2.7 Transformer Oil-Spill Containment**

The power transformers will each have a secondary concrete containment sump - capable of holding 110% of each transformer’s oil capacity. Eversource will install a system within the concrete containment for each transformer to absorb transformer oil spills, while allowing rain water to flow out initially through the on-site subsurface drainage system to the oil water separator and ultimately into the municipal stormwater drainage system.

Bi-annual inspections of the containment sumps will be undertaken as part of routine maintenance to ensure the filters are clean and the system is draining freely and not accumulating water, fine sand or soil. If required, filters will be replaced and the unit will be cleaned. The oil containment and foundation plans and elevations are shown in Appendix B.

Periodic visual inspection of each transformer and the transformer containments and foundations will also be performed to detect evidence of leaks or seeps. Upon detection, these conditions will be rectified immediately.

The transformers will be equipped with a low-oil-level alarm system. If a drop-in oil level is detected, an alarm will be relayed automatically to the local Eversource dispatch center for immediate response. Similar alarms would be triggered in the event of an electrical malfunction.
C.2.8  Precast Concrete/Brick Veneer Perimeter Wall

A proposed perimeter wall will be installed as part of the Substation construction with the northern section relocated south, by approximately 10 feet, to increase its setback distance from Railroad Avenue. Construction will consist of a precast concrete/brick veneer perimeter wall with two gates, approximately fifteen-feet tall and 760 feet in length. The fabrication of the perimeter wall units must conform to the approved architectural renderings, architectural design drawings and specification provided in Appendix B. Prior to starting the production of precast concrete units Eversource will consult with the Town in determining the final design of the wall panels.

A visual simulation of the precast concrete/brick veneer perimeter wall is presented in Appendix D.

C.2.9  Landscaping

Once the Substation is completed, the exterior areas surrounding the perimeter wall will be landscaped with a natural buffer of trees and shrubs on three sides (north, east and west) of the Site. The proposed landscaping plan would incorporate a dense mix of coniferous and deciduous plantings designed for compatibility with a streetscape setting and to complement the perimeter wall and decorative gate at the Site entrance.

A copy of the Preliminary Landscaping Plan is provided in Appendix E.

C.2.10  Modifications to Prospect Substation

The construction of the new Greenwich Substation will require cutover work from the existing Prospect Substation to the new Greenwich Substation. Modifications at Prospect Substation include the removal of four (4) 27.6/13.2-kV transformers and associated 13.2-kV switchgear. Some related in-street work adjacent to the new Greenwich Substation, including the installation of three sub-grade vaults, will be required to facilitate the distribution connections to the new Substation. The work is anticipated to be completed within the first half of 2020.

---

8 Per Condition 1 of the CSC’s Decision and Order.
9 One gate will provide access from Field Point Road (Primary) and one from Railroad Avenue (secondary).
10 This is required for the reconfiguration of the 13.2-kV Distribution feeders.
C.2.11 Testing and Commissioning

All of the Substation equipment will be tested as part of the equipment commissioning process prior to final connection to the transmission system.

C.2.12 Final Cleanup and Restoration

As the final step in the construction process, all remaining debris will be collected and removed from the Site and be properly disposed of in accordance with local, state and federal regulations and Eversource Best Management Practices. The contractor will remove all waste containers and sweep clean remaining paved surfaces accessing the Site, including sidewalks and adjacent street areas, as needed.

Perimeter areas of the Site disturbed during construction will be restored, including sidewalks, paved entrance(s) and any temporary easement areas on adjoining properties. For additional information regarding restoration of disturbed areas, please see Appendix B.
D. Construction Schedule and Work Hours

D.1 Construction Schedule

In general, the work to be completed in each season is summarized by Table D-1 below:

<table>
<thead>
<tr>
<th>Task</th>
<th>Q1 2019</th>
<th>Q2 2019</th>
<th>Q3 2019</th>
<th>Q4 2019</th>
<th>Q1 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establish Laydown Areas</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material Receipt</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establish/maintain Site controls</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foundations and Equipment Installation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brick Veneer Perimeter Wall Installation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Termination and testing of XLPE Cables to bring the new 1020 and 1703 lines into service</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: The installation of the distribution feeders to Prospect Substation would be completed Q1 2020.

D.2 Work Hours

Site activities that generate noise for the construction of the Substation will be limited to an 11-hour period between the hours of 7:00 AM and 6:00 PM, five days per week (Monday through Friday) and an 8-hour period (between 9:00 AM and 5:00 PM) on Saturdays. This schedule is consistent with the exempt daytime hours for construction set forth in the Town’s noise ordinance. Any work outside of these hours will require a Noise Ordinance Variance from the Town of Greenwich. Although project personnel may arrive for work and leave work outside of these times, no noise-generating on-site construction activities would typically occur beyond these prescribed hours. Some activities however, such as those that must be performed over an extended period during construction of the Substation, may also involve work during hours outside these times. This could occur during delivery and installation of large equipment, such as the transformers, switchgear and the control enclosure. In some cases, the work may need to occur on a continuous (24-hour) basis (e.g., transformer installation and oil filling) or on Sundays. Eversource would request permission from the Council prior to initiating any noise generating work outside of previously approved work hours.
E. Related Construction Procedures

E.1 Spill Prevention and Countermeasures Plan

Eversource’s Spill Prevention, Control and Countermeasures Plan ("SPCCP") describes processes to minimize the potential for a spill of petroleum products or a hazardous or toxic substance and, in the event that a spill does occur, measures to promptly contain and control the release to minimize the effects. Eversource requires all construction contractors to adhere to procedures outlined in the SPCCP during all construction activities. At a minimum, the SPCCP will include the following provisions:

- The identification of petroleum products and materials classified as hazardous or toxic that are likely to be used during Project construction;
- The transport, storage, and disposal procedures for these substances;
- Training, equipment inspection and maintenance, and other measures designed to minimize the potential for a spill; and,
- The procedures to be followed in the event of a release of a petroleum or hazardous/toxic substance to the environment, including a spill reporting protocol.

In the event of a release, Eversource will ensure its contractors will provide qualified personnel to clean-up and remediate the spill of any contaminated materials. A copy of Eversource’s SPCCP can be found in Appendix F.

E.2 Stormwater Management

E.2.1 Substation Construction

While the Site is under construction, stormwater will be directed to a temporary detention basin in the southwest corner of the Site and allowed to infiltrate into underlying soil or pumped from the excavated area, through a filter bag, and into nearby storm sewer catch basins. Eversource will conduct pre- and post-construction inspections of each affected catch basin. Where required, catch basins will be cleared of significant debris prior to discharges. Once excavation activities are complete, the catch basin(s) will be cleaned of excess sediment with a vacuum truck and such sediment will be disposed of at an appropriate facility.

---

11 Catch basins on Railroad Avenue and Field Point Road will be protected with erosion and sedimentation control measures. See details in Appendix B for protection details.
If there is suspicion (e.g. based on sheening or odor) that ground/storm water is contaminated, water will be collected and pumped into a vacuum truck for disposal by an Eversource approved contractor.

**E.2.2 Pre- and Post-Construction Stormwater**

Under existing conditions, the Site is covered nearly in its entirety by impervious surfaces. Stormwater runoff is currently captured at multiple catch basins/storm drains (located both on and off the Site) before entering the existing municipal stormwater sewer system located under Field Point Road, and ultimately discharging to Horseneck Brook. Minimal grading is proposed to accommodate the Substation and the Site redevelopment has been designed to maintain consistency with existing conditions.

The subsurface drainage system at the Site will be reconfigured and reconnected to the Town’s existing stormwater sewer system. An oil/water separator will be installed in the western portion of the Site to intercept all stormwater prior to discharging to the stormwater system beneath Field Point Road.

The Site’s impervious surfaces will be removed and replaced with a 6-inch layer of ¾-inch trap rock within the Substation yard. This improvement will convert the majority of the Site to a pervious surface, resulting in an overall net decrease in stormwater volume and runoff travel time. See Appendix B.

**E.3 Provisions for Winter Work**

Work activities associated with the construction of the Substation will extend into the winter months. If necessary, Eversource would implement appropriate snow removal and de-icing procedures in accordance with the BMP Manual (Appendix C).

If some clean-up or restoration work is completed too late in the season to initiate or complete permanent stabilization of disturbed areas (e.g., temporary staging areas that may require reseeding), temporary E&S controls will be left in place and augmented if necessary. These measures will be regularly inspected and maintained until permanent Site stabilization can be completed, likely during the following spring.

**E.4 Air Quality Protection (Dust and Dirt Tracking) and Vehicle Idling Protocol**

Dust Suppression and Anti-Tracking Pads

To minimize short-term effects to air quality during construction, anti-tracking pads will be installed at access points to minimize tracking of soil onto Field Point Road and, if necessary, Railroad Avenue. Watering\(^{12}\) for dust suppression will be utilized at the Site as necessary. Paved roads will be periodically

\(^{12}\) All water sources must be pre-approved by Eversource.
swept, as necessary, to remove any excess dirt tracked onto the pavement. Staging areas will typically be graveled and watered as needed.

**Construction Equipment: Idling**\(^{13}\) vs. Warm-Up During Cold Weather

Unnecessary construction equipment and vehicle idling expends fuel, increases costs, and causes air pollution. Vehicle emissions will be limited by requiring contractors to properly maintain construction equipment and vehicles, and by minimizing the idling time of construction vehicles and equipment in accordance with applicable regulatory standards.

Pursuant to Connecticut requirements (RCSA 22a-174-18), the allowable idling time for vehicles of all kinds, including diesel construction equipment, is three minutes.

However, under winter work conditions (when the ambient temperature is below 20 degrees Fahrenheit) the following apply:

- Construction equipment may require longer periods to warm up after overnight shut down or other extended periods of inactivity. Such “warm up” periods, as required to bring the equipment up to a safe operating temperature (as defined by the equipment manufacturer), are exempt from the idling time limit. However, most diesel engines take three minutes or less to warm up (contractors will consult the engine manufacturer’s recommendations).
- Construction equipment may have to idle for longer periods to operate defrosting or heating equipment to ensure the safety or health of the driver.

**E.5 Handling and Disposition of Excavated Soil and Wastes**

Eversource’s construction contractors will be responsible for the proper handling and disposal of all excess soils and other wastes generated during the construction process. Any excavated soils suitable for reuse will be temporarily stockpiled on the Site prior to repurposing as backfill. Excess soils will be live-loaded and transported to an Eversource pre-approved facility, for temporary stockpiling and characterization to determine disposal options. All handling transport and disposal activities will be conducted in accordance with applicable regulations and Eversource’s BMP Manual.

If obviously polluted or contaminated soil is encountered (i.e., containing oils or emitting a petroleum or chemical odor), the contractor must immediately stop work and report the discovered condition to a

---

\(^{13}\) “Idling” is defined as the period when mobile construction equipment is not in motion or is not otherwise actively performing its designated function. Thus, “idling” does not apply to the use of certain types of mobile construction equipment (e.g., cranes, cement mixers) that may be stationary, but actively operating, at a work site.
representative of Eversource, who will report the discovery to CT DEEP, in accordance with appropriate regulatory requirements. Impacted soils will be live-loaded and transported off-Site for disposal\textsuperscript{14}.

General waste materials and trash will be collected in receptacles at the work sites or in secured containers, either at the Site or at contractor staging areas or yards. Containers that are not removed or emptied at the end of the work day will be inspected regularly until removed for off-site disposal.

Although temporary material storage may be required during construction, in no case will solid or liquid wastes be disposed of at the Site or at contractor staging areas.

E.6 Lighting and Noise Mitigation

As some of the Substation construction work will be performed during the winter months, temporary lighting may be required to accommodate work that occurs after nightfall. Temporary lighting will be focused on the targeted work areas and result in a short-term, localized effect.

Construction activities will result in localized and short-term increases in ambient noise levels in the vicinity of the Substation. Construction-related noise will result from the operation of equipment and vehicles, including jackhammers, drilling rigs, and cranes.

Because noise attenuates with distance, the effects of construction-generated noise will depend on the noise source location in relation to noise receptors.

E.7 Site Access, Traffic Control and Construction Signs

During construction, access to the Site will utilize the existing access point from Field Point Road. If needed, a secondary access point from Railroad Avenue would also be used.

To minimize the potential for traffic issues during construction, Eversource’s construction contractors will implement access and traffic control measures, working with representatives from the Town of Greenwich, as necessary. Such measures will include procedures for safe ingress and egress of construction equipment and other vehicles. Signs will be erected to indicate an active construction zone. Construction signage will be consistent with the federal Manual of Uniform Traffic Control Devices (\textit{MUTCD}, 2009 edition, as revised May 2012, or the latest version).

\textsuperscript{14} Eversource intends to coordinate with one of its pre-approved vendor’s facilities to allow for temporary stockpiling, remote from the Project area. The material would be stockpiled on and covered by polyethylene sheeting and surrounded by appropriate E&S controls. Sheetimg used to cover the stockpile will be weighted to prevent the wind migration of contaminated dust. The materials will be tested to determine appropriate handling and ultimate disposition.
Major equipment and materials will be delivered directly to the Site, the material staging area located at 281 Railroad Avenue, or at other approved staging areas where it will be stored until needed. During construction, there will be a temporary increase in the amount of truck traffic for delivering materials, pouring concrete and removing spoils. To help mitigate traffic issues at the Site entrances on Field Road Point Road and Railroad Avenue, a Town of Greenwich Police Officer or a certified flagger (When Town of Greenwich Police are unavailable) will be posted at the two entrances depending on the type and level of activity.

Eversource will provide notice to the Town of any projected heavy truck traffic days (e.g., material deliveries involving semi-trucks, large concrete pours or hauling out large amounts of spoils [more than 2 trucks per/hour].)

Delivery of large equipment for the Substation (transformers, control enclosure, and Distribution switchgear) will be subject to oversize load permits issued by CTDOT. Eversource will work closely with the Town to coordinate these large deliveries. Otherwise, heavy construction traffic such as dump trucks, concrete trucks, and semi-trailers delivering material and construction equipment will be confined to Railroad Avenue and Arch Street for access to I-95.

For the installation of the Distribution vaults and duct banks which exit the Substation, additional traffic control measures will need to be employed. There are two vaults located on Field Point Road and one vault located on Railroad Avenue (in Appendix B). Eversource will coordinate with the Town of Greenwich to establish a safe work area along these roads.

For the Distributions vaults located on Field Point Road, Eversource proposes to close Field Point Road between the intersections at Railroad Avenue and Prospect Street. Given the locations of the proposed vaults, Eversource will be able to maintain access to the abutting property at 255 Field Point Road, via the Prospect Street intersection. However, the access to the abutting property at 330 Railroad Ave will be closed. Eversource will coordinate with the owner of the property so the alternate access on Prospect Street remains open. Eversource will coordinate with the Town of Greenwich to establish the exact work hours and detour signage. Town of Greenwich police officers (or certified flaggers if officers are not available) will be used to support the road closure and access to the afore mentioned abutting properties.

For the Distribution vault on Railroad Avenue Eversource proposes to establish a work area that is consistent with the Traffic Management Plan for the underground duct bank (see D&M Plan Volume II, Part 1). Eversource will coordinate with the Town of Greenwich to establish the exact work hours and signage for the proposed lane closures to install the vault. Town of Greenwich police officers (or certified
flaggers when officers are not available) will be used to support the lane closures and assist with ingress and egress for the abutting property at 280 Railroad Avenue.

**E.8 Construction Equipment and Vehicle Washing**

No construction equipment or vehicle washing will be allowed outside of designated areas to minimize the potential for off-site environmental impacts. Concrete truck wash-out will be allowed only at the Site or at 281 Railroad Avenue. All wash-out areas will include measures to control and contain wash-water and to collect the cement wash-off for off-site disposal.

E&S controls deployed at the wash-out area will conform to the relevant provisions of the **2002 Connecticut Guideline for Soil Erosion and Sediment Control** as amended and Eversource’s BMP Manual. Excess concrete will be removed for disposal from the wash-out area on a daily basis.

**E.9 Post-Construction EMF Monitoring Plan**

Pursuant to Condition 3(k) of the Council’s Decision and Order, Eversource has prepared for the Council’s review a post-construction electric and magnetic field (“EMF”) monitoring plan for the entire Project. This plan is included in Appendix G.
F. Notices and Reports

F.1 Notices to the Council: Start and Completion of Construction (Including Access and Vegetation Clearing)

Pursuant to RCSA Section 16-50j-62(b)(1) and Condition 10 of the Council’s Decision and Order, Eversource will provide written notification to the Council two weeks prior to the commencement of construction activities.

Pursuant to RCSA Section 16-50j-62(b)(4) and Conditions 10 and 3(h) of the decision, Eversource also will provide written notification to the Council of the completion of construction (including restoration) and the commencement of site operations.

F.2 Changes to the D&M Plan

Pursuant to RCSA Section 16-50j-62(b)(2), the Council must pre-approve any significant changes to this D&M Plan. Eversource will identify, track, and approve all changes, whether significant or minor. No changes to this D&M Plan will be implemented without such documented approvals.

Eversource will provide the Council with advance written notice whenever a significant change of an approved D&M Plan is necessary. If advance written notice is impractical, Eversource will provide immediate verbal notice to the Council, followed by written notice no later than 48 hours after the verbal notice.

RCSA Section 16-50j-62(b)(2) defines a “significant” change to an approved D&M Plan as including, but not limited to, Project modifications that entail a change in:

- The location of a wetland or watercourse crossing.
- The location of an accessway or structure in a regulated wetland or watercourse area.
- The construction or placement of any temporary structures or equipment.
- Structure type or significant relocation, including but not limited to, towers, guy wires, associated equipment, or other facility structures.
- Use of additional mitigation measures or elimination of mitigation measures.

In addition to the above criteria, Eversource proposes to define a “significant” Project change as one that would substantially reduce the amount of protection to the environment, substantially increase potential public concern, or would otherwise potentially result in a meaningful effect on the environment, the public, or other Project permits and approvals.
A request for a change to the D&M Plan may originate from the Project team, construction contractors, or others, or be driven by regulatory agency approvals issued after the Council’s approval of the D&M Plans, with which the D&M Plans must be consistent. The following procedures will be used to identify, track, and obtain the approval of the Council, if required, for changes to the D&M Plans:

1. **Identify Proposed Project Change.** A proposed change is identified and described by the change originator and provided to Eversource. Data to be provided to Eversource by the change originator may include, for example:
   - Description of the change (location, type);
   - Reason/need for the change;
   - Date by which the change is required (timing);
   - Project schedule and cost implications (if applicable); and
   - Identification of effects (if any) on the environment, cultural resources, and the public.

   The Project change request will be supported by maps and drawings, as appropriate.

2. **Assess Significance of Proposed Change.** Eversource will evaluate each proposed change to determine whether it either:
   - Qualifies as a significant change to the approved D&M Plans and thus requires advance notification to and approval by the Council; or
   - Constitutes a minor change requiring only Eversource approval and subsequent reporting to the Council.

3. **Significant Changes Requiring Notice to and Prior Approval by the Council.** After Eversource determines that a proposed change represents a significant change to a D&M Plan requiring the Council’s pre-approval, Eversource will submit the change request to the Council and categorize each proposed change as either “urgent” or “non-urgent”, based on the following:
   - Urgent. A proposed change will be considered “urgent” if waiting until the next regularly-scheduled Council meeting to obtain approval of the change would have a negative impact on Project construction costs or scheduling, for “urgent” changes, Eversource will provide verbal notification of the change to Council staff and will request that the Council approve the change expeditiously. Eversource will promptly implement the D&M Plan change in accordance with the Council’s expedited approval (verbal or written). Not later than 48 hours after the provision of verbal notice of the proposed D&M Plan change request to the Council, Eversource will...
submit written notice to the Council. If the Council elects not to act on the D&M Plan change request pursuant to the urgent (verbal) notice, Eversource will provide the Council with written notice of the proposed Project Change within 48 hours and will defer any construction activities related to the change request pending the Council’s determination.

- Non-Urgent. If Eversource determines that a proposed D&M Plan change is “non-urgent”, Eversource will provide a written request to the Council, seeking the Council’s consideration of the proposed D&M Plan change at the next regularly-scheduled Council meeting.

Pursuant to RCSA Section 16-50j-61(d), notice of a filing of changes to the D&M Plan that require Council approval will be provided to the service list and the property owner of record, at the time that the filing is made with the Council.

4. **Non-Significant D&M Plan Change.** No Council Pre-Approval Required. Minor changes to the approved D&M Plans will require Eversource approval prior to implementation, as well as Project documentation. Documentation of minor changes will be provided in the monthly construction progress reports that will be submitted to the Council.

Figure F-1 provides a flow chart illustrating this change approval process.

**F.3 Notices and Reports**

Table F-1 identifies the written notices and reports that will be provided to the Council regarding the Project. Eversource will provide general updates regarding the status of the Project in the Monthly Construction Progress Reports.
Figure F-1, D&M Plan Change Process

Change to Project identified

Categorize change

Significant change

Eversource decides

URGENT

CSC approves D&M Plan Change

CONSTRUCT / IMPLEMENT THE CHANGE

Eversource provides description of changes to CSC in monthly progress report

No Verbal OK

Eversource files a D&M Plan Change (original plus 2 copies to CSC)

Not Urgent

Eversource provides documentation within 48 hours (2 copies for CSC Staff)

Verbal OK

Eversource decides

Eversource contacts CSC Staff by phone or e-mail

Eversource provides description of changes to CSC in monthly progress report

Not Urgent

Eversource decides

Eversource provides documentation within 48 hours (2 copies for CSC Staff)

CONSTRUCT / IMPLEMENT THE CHANGE

Eversource provides description of changes to CSC in monthly progress report

Eversource contacts CSC Staff by phone or e-mail

Categorize change

Non-significant change

Eversource provides description of changes to CSC in monthly progress report

Eversource provides documentation within 48 hours (2 copies for CSC Staff)
### Table F-1, Reports/Notices to be Provided to the Council

<table>
<thead>
<tr>
<th>Report/Notice Type</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Commencement of Site Construction Activities</strong> <em>(RCA Section 16-50j-62 &amp; Docket No. 461A, Decision &amp; Order, Condition 10)</em></td>
<td>The Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities.</td>
</tr>
<tr>
<td><strong>Monthly Construction Progress Report</strong> <em>(RCSA Section 16-50j-62(b)(3))</em></td>
<td>Monthly construction progress report will summarize the status of the Project construction (by location, percent complete) and will identify modifications to the approved D&amp;M Plan, including both significant changes involving Council pre-approval and minor changes that did not require Council action.</td>
</tr>
<tr>
<td><strong>Final Report</strong> <em>(RCSA Section 16-50j-62(c))</em></td>
<td>Eversource will provide to the Council a final report no later than 180 days after the completion of all site construction and rehabilitation. The report will identify the following:</td>
</tr>
<tr>
<td></td>
<td>1. All agreements with abutters or other property owners regarding special maintenance precautions</td>
</tr>
<tr>
<td></td>
<td>2. Significant changes to the D&amp;M Plan that were required because of property rights or underlying and adjoining owners or for other reasons</td>
</tr>
<tr>
<td></td>
<td>3. The location of construction materials that have been left in place, including but not limited to, culverts, erosion control structures along watercourses and steep slopes, and corduroy roads in regulated wetlands</td>
</tr>
<tr>
<td></td>
<td>4. The location of areas where special plantings and reseeding have been performed</td>
</tr>
<tr>
<td></td>
<td>5. The actual construction cost of the facility, including but not limited to the following costs:</td>
</tr>
<tr>
<td></td>
<td>a. Clearing and access;</td>
</tr>
<tr>
<td></td>
<td>b. Construction of the facility and associated equipment;</td>
</tr>
<tr>
<td></td>
<td>c. Rehabilitation; and</td>
</tr>
<tr>
<td></td>
<td>d. Property acquisition for the site or access to the site.</td>
</tr>
<tr>
<td><strong>Completion of Site Construction, and the Commencement of Site Operation.</strong> <em>(RCA Section 16-50j-62 &amp; Docket No. 461A, Decision &amp; Order, Condition 10)</em></td>
<td>The Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.</td>
</tr>
<tr>
<td><strong>Operating Report</strong> <em>(Docket No. 461A, Decision and Order, Condition 6)</em></td>
<td>Within three months after the conclusion of the first year of the operation of all Project facilities, and annually thereafter for three years, Eversource will provide to the Council a report that describes the overall condition, safety, reliability, and operation of the transmission systems.</td>
</tr>
</tbody>
</table>
G. Stakeholder Outreach

G.1 Community Outreach on D&M Plan

Pursuant to Condition 3 of the Council’s Decision and Order, Eversource served the D&M Plan on the Town of Greenwich for comment and all parties and intervenors as listed in the service list15. Further, Eversource provided a draft copy of this D&M Plan to Town officials for review and comment in advance of submittal to the Council and held multiple meetings with Town officials to discuss elements of this Plan and solicit their feedback as well as respond to questions and comments.

In addition to the submission of the D&M Plan to the Council and service list, Eversource will post the filed D&M Plan on the Project website. This website is accessible from the Eversource homepage (www.eversource.com). From this homepage, Project information can be accessed by clicking the “About” tab, then the “Projects and Infrastructure” tab, then select “Connecticut Transmission Projects” to view a list of the Company’s ongoing and proposed projects, including this Project. Included on the website are an e-mail address (transmissioninfo@eversource.com) and a telephone number (800-793-2202) to contact Eversource for more Project information or to provide comments about the Project.

G.2 Community Outreach During Construction

Eversource will continue its outreach efforts with the Town throughout the Project’s construction phases and will also notify affected stakeholders of upcoming construction activities. In addition, as described above, the Transmission Information Line phone number and email address will continue to provide a means for residents, businesses, and other stakeholders to contact Project representatives during construction of the Project. The public can also access the Project website, which provides an overview of the Project, a map of the Project facilities, and contact information.

Prior to work commencing at the Greenwich Substation Site, a letter will be sent to the Town of Greenwich and abutting property owners of record16 (refer to Figure G-1 and Table G-1) notifying them of the upcoming work, associated schedule and Project contact information. In addition, a field outreach representative will go door-to-door to deliver additional information on what to expect during construction, as well as provide their direct contact information to these abutting property owners and businesses. Briefings will be offered to nearby residents and businesses affected by construction activities to review

---

15 Notice of this filing was also provided to the record owner of the Site, 290 Railroad Avenue, LLC in accordance with 16-50j-61(d).
16 Notice of construction commencement was also provided to the record owner of the Site, 290 Railroad Avenue, LLC in accordance with 16-50j-61(d).
the construction process, key construction stages, and expected timelines. Project representatives will also contact adjacent and nearby residents and businesses to notify them of upcoming construction activities and address any specific questions or concerns. This outreach will continue throughout the extent of the work at the Greenwich Substation, with Project update notifications being provided via door-to-door outreach in advance of any new, noticeable work starting, such as delivery of large equipment or extended work hours, among other activities. Upon speaking with affected property owners and businesses, should a request be made for contact and updates to be made by phone or e-mail rather than by door-to-door outreach, Eversource will accommodate those requests.
## Table G-1, Greenwich Substation Abutters List

<table>
<thead>
<tr>
<th>Line List Number</th>
<th>Parcel Address</th>
<th>City</th>
<th>State</th>
<th>Owner Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>331.01</td>
<td>RAILROAD AVENUE</td>
<td>Greenwich</td>
<td>CT</td>
<td>TOWN OF GREENWICH</td>
</tr>
<tr>
<td>369</td>
<td>41 WOODLAND DRIVE</td>
<td>Greenwich</td>
<td>CT</td>
<td>TERESA ISABEL REAL</td>
</tr>
<tr>
<td>370</td>
<td>249 RAILROAD AVENUE</td>
<td>Greenwich</td>
<td>CT</td>
<td>JOHN A. &amp; SHIRLEY M. VIESTA TRST</td>
</tr>
<tr>
<td>371</td>
<td>280 RAILROAD AVENUE</td>
<td>Greenwich</td>
<td>CT</td>
<td>JOEL PAUL BERGER, ET AL</td>
</tr>
<tr>
<td>372</td>
<td>281 Railroad Avenue</td>
<td>Greenwich</td>
<td>CT</td>
<td>CONNECTICUT RAILWAY &amp; LIGHTING COMPANY</td>
</tr>
<tr>
<td>373</td>
<td>48 WOODLAND DRIVE</td>
<td>Greenwich</td>
<td>CT</td>
<td>JANE T. LEHN</td>
</tr>
<tr>
<td>374</td>
<td>50 WOODLAND DRIVE</td>
<td>Greenwich</td>
<td>CT</td>
<td>SORRIN &amp; KATHLEEN SMITH</td>
</tr>
<tr>
<td>375</td>
<td>52 WOODLAND DRIVE</td>
<td>Greenwich</td>
<td>CT</td>
<td>MICHAEL A. &amp; JOSEPH D. ZERANSKI</td>
</tr>
<tr>
<td>379</td>
<td>175 FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>JJKL PROPERTIES LLC</td>
</tr>
<tr>
<td>380</td>
<td>54 WOODLAND DRIVE</td>
<td>Greenwich</td>
<td>CT</td>
<td>JJKL PROPERTIES LLC</td>
</tr>
<tr>
<td>381</td>
<td>281 Railroad Avenue</td>
<td>Greenwich</td>
<td>CT</td>
<td>CONNECTICUT RAILWAY &amp; LIGHTING COMPANY</td>
</tr>
<tr>
<td>382</td>
<td>1987 FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>JOZEF DMITORWSKA ZYGMUNT</td>
</tr>
<tr>
<td>382.01</td>
<td>WOODLAND DRIVE</td>
<td>Greenwich</td>
<td>CT</td>
<td>TOWN OF GREENWICH</td>
</tr>
<tr>
<td>383</td>
<td>191 FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>JOZEF DMITORWSKA ZYGMUNT</td>
</tr>
<tr>
<td>384</td>
<td>193 FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>RIDGEGREEN CORP C/O THOMAS F. HARTCH</td>
</tr>
<tr>
<td>385</td>
<td>195 FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>TIFFANY PROPERTIES &amp; MANAGEMENT INC.</td>
</tr>
<tr>
<td>386</td>
<td>290 RAILROAD AVENUE</td>
<td>Greenwich</td>
<td>CT</td>
<td>290 RAILROAD AVE LLC C/O FRIEDBERG SMITH &amp; CO PC-ATT JOSEPH ROSEMAN</td>
</tr>
<tr>
<td>387</td>
<td>282 RAILROAD AVENUE</td>
<td>Greenwich</td>
<td>CT</td>
<td>NATIONAL RAILROAD PASSENGER CORPORATION C/O JOEL PAUL BERGER ET AL</td>
</tr>
<tr>
<td>389</td>
<td>255 FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>BARRY GREENWICH LLC</td>
</tr>
<tr>
<td>390</td>
<td>255 FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>BARRY GREENWICH LLC</td>
</tr>
<tr>
<td>393</td>
<td>330 RAILROAD AVENUE</td>
<td>Greenwich</td>
<td>CT</td>
<td>330 RAILROAD AVENUE LLC</td>
</tr>
<tr>
<td>393.01</td>
<td>FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>TOWN OF GREENWICH</td>
</tr>
<tr>
<td>404</td>
<td>204 FIELD POINT ROAD</td>
<td>Greenwich</td>
<td>CT</td>
<td>JOHN &amp; KIMBERLY A. TUNG</td>
</tr>
</tbody>
</table>