

## 15-DAY TIME EXTENSION



**US Army Corps  
of Engineers®**  
New England District  
**696 Virginia Road  
Concord, MA 01742-2751**

# PUBLIC NOTICE

**Comment Period Begins:** 09 MAY 2019  
**Comment Period Ends:** 23 MAY 2019  
**File Number:** NAE-2015-00665  
**In Reply Refer To:** Lindsey Lefebvre  
**Phone:** (978) 318-8295  
**E-mail:** Lindsey.E.Lefebvre@usace.army.mil

The District Engineer has received a permit application to conduct work in waters of the United States (WoUS) for the Seacoast Reliability Project from Public Service Company of New Hampshire d/b/a Eversource Energy, Inc, 13 Legends Drive, Hooksett, New Hampshire. This work is proposed in wetlands and waters between the Madbury Substation to the Portsmouth Substation, New Hampshire.

The work involves both direct permanent and temporary discharges of dredged or fill material into various wetlands and WoUS along the proposed route to provide a parallel path to the enhance the existing 115kV loop between the Deerfield and Scobie Pond Substations in order to address reliability concerns in the New Hampshire Seacoast Region, which have been previously identified by the Independent System Operator-New England (ISO-NE). The proposed line will be comprised of overhead transmission structures and conductor, underground cable, and submarine cables.

The proposed 115 kV transmission Line F107 will run approximately 12.9 miles from a new 115 kV bay at Madbury Substation to a new 115kV bay at Portsmouth Substation. The transmission line will be located primarily within an existing electric utility corridor that is currently occupied by a 34.5 kV overhead distribution supported by direct embedded wood pole structures. There will be two terrestrial sections of the new 115kV line that will be constructed underground with three solid dielectric insulated cables installed in individual PE conduits. Additionally, there will be one new 115kV line that will be constructed completely underwater with three specialized solid dielectric insulated submarine cables directly buried across Little Bay.

Impacts to wetlands and WoUS include approximately .02 acres of permanent impact to non-tidal wetlands and 0.2 acres of permanent impacts to tidal wetlands. Permanent impacts are associated with the installation of new transmission line structures in terrestrial areas and the need for concrete mattresses for cable protection in estuarine areas. Temporary impacts include approximately 7 acres to non-tidal wetlands, 0.01 acres to river/stream, and 6 acres to tidal wetlands. Temporary impacts are associated with timber matting along access roads and for work pads and for impacts associated with installation of the marine cables using jetplow and hand-jetting technology.

The work is shown on the enclosed plans entitled "Seacoast Reliability Project," on 31 sheets, and dated "July 25, 2018."

The Seacoast Reliability Project has been designed to avoid and minimize environmental impacts while strengthening the existing electrical infrastructure in the Seacoast area. To compensate for the project's

projected impacts to waterways and wetlands, the applicant is currently proposing a contribution to the State of New Hampshire Aquatic Resource Mitigation Fund (NH In Lieu Fee Program).

**AUTHORITY**

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
- Section 404 of the Clean Water Act
- Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers, New England District (Corps), is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The Corps will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

**ESSENTIAL FISH HABITAT**

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). Essential Fish Habitat describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity.

This project will have an adverse effect on approximately 7 acres of EFH. This habitat consists of fine sand, silt and soft mud in the intertidal zone and in deeper areas the substrate is made up of fine to medium sands, silts, clay, and shell fragments. Loss of this habitat may adversely affect species that use these waters and substrate. The District Engineer has made a preliminary determination that site-specific impacts may be substantial.

**CENAE-R**  
**FILE NO. NAE-2015-00665**

Accordingly, the Corps submitted an EFH assessment to the National Marine Fisheries Service and the EFH consultation has been concluded.

**NATIONAL HISTORIC PRESERVATION ACT**

Based on his initial review, the District Engineer has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Review and consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, has been completed as part of the permit review process.

**ENDANGERED SPECIES CONSULTATION**

The Corps has reviewed the application for the potential impact on Federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is (not likely to adversely affect a listed species or their critical habitat. We have coordinated with the National Marine Fisheries Service and U.S. Fish and Wildlife Service on listed species under their jurisdiction and the ESA consultation has been completed.

**OTHER GOVERNMENT AUTHORIZATIONS**

The states of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable, the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

- ( X ) Permit, license or assent from State.
- ( X ) Permit from local wetland agency or conservation commission.
- ( X ) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

**COMMENTS**

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact Lindsey Lefebvre at (978) 318-8295, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to

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**FILE NO. NAE-2015-00665**

the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

**THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.**



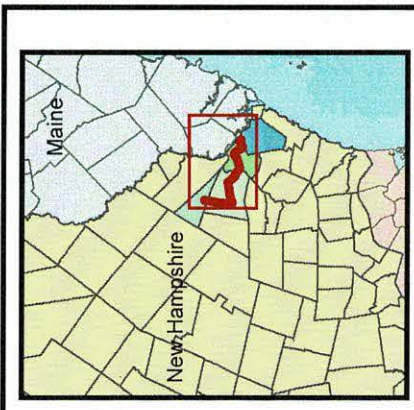
**Lindsey E. Lefebvre**  
**Chief, Permits & Enforcement Branch**  
**Regulatory Division**

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at [bettina.m.chaisson@usace.army.mil](mailto:bettina.m.chaisson@usace.army.mil). You may also check here ( ) and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

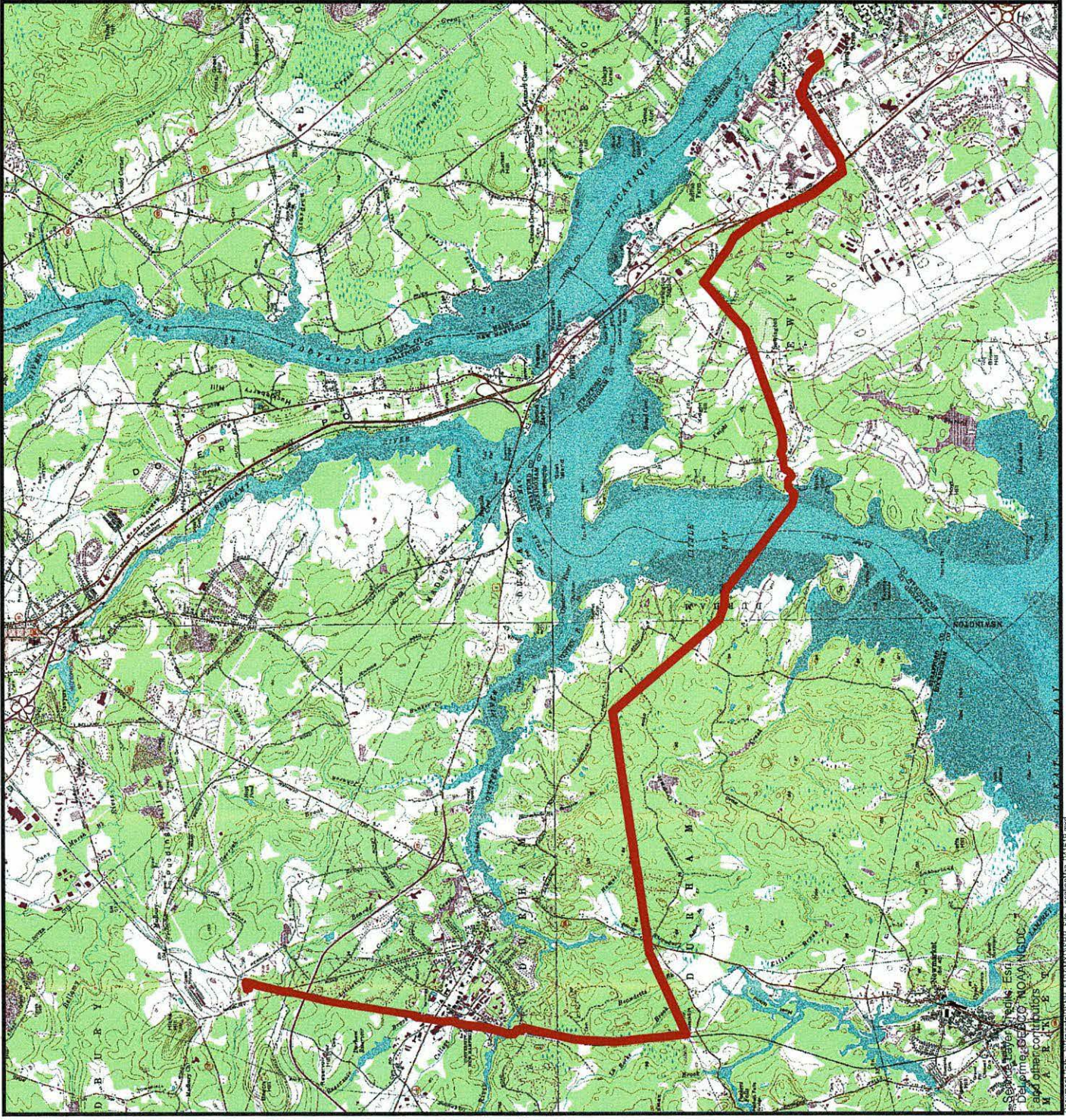


# Facility Map Regional Overview Seacoast Reliability Project

Seacoast Reliability  
Project Corridor

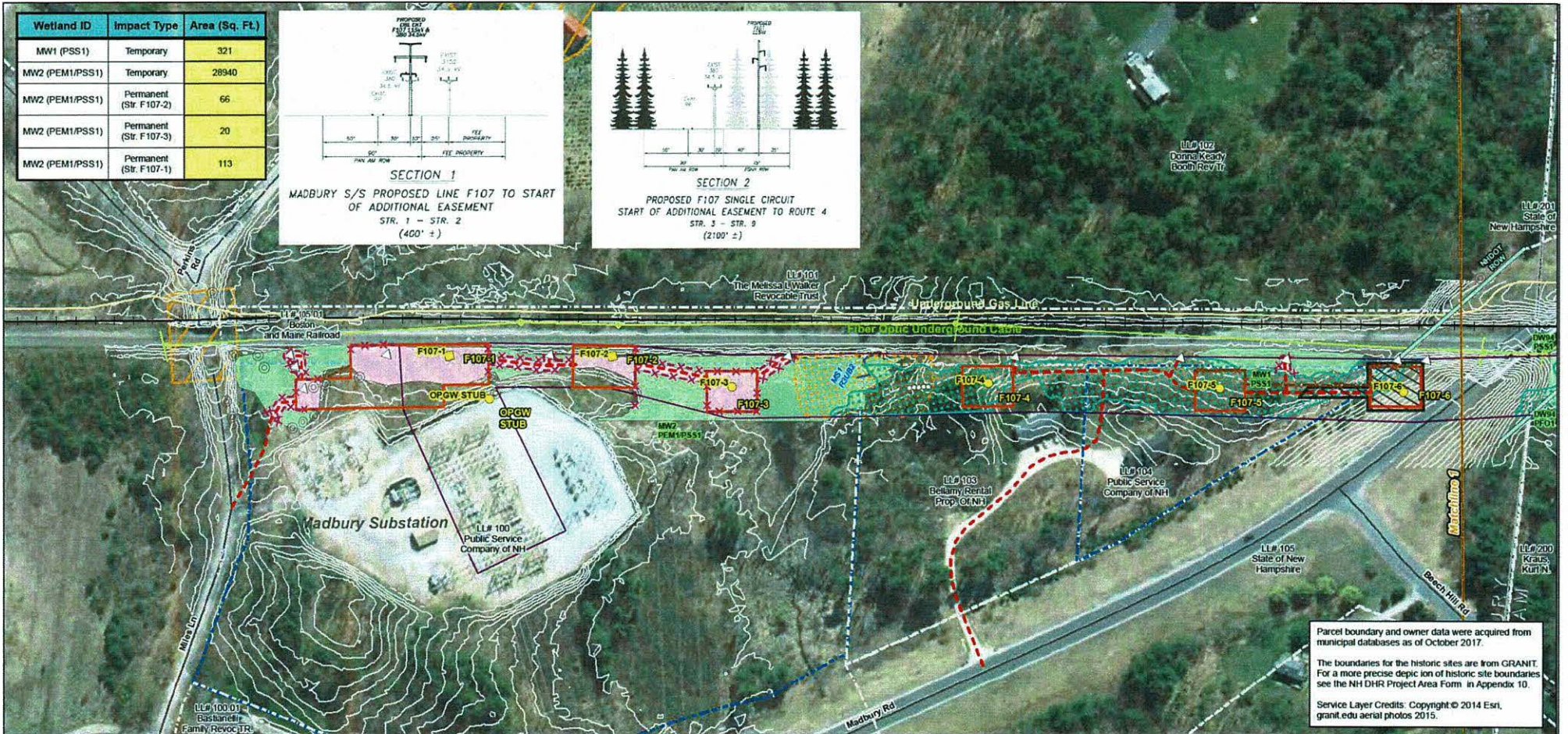
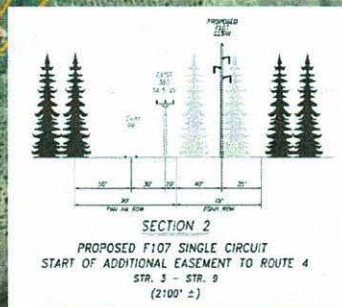
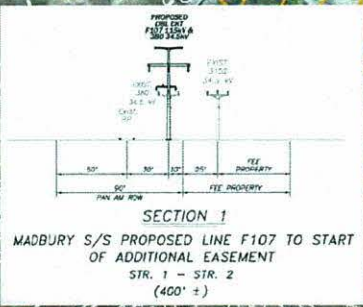


# EVERSOURCE ENERGY



Seacoast Reliability Project  
Engineering, Construction, and  
Operations  
M.A.E.C.

Wetland ID	Impact Type	Area (Sq. Ft.)
MW1 (PSS1)	Temporary	321
MW2 (PEM1/PSS1)	Temporary	28940
MW2 (PEM1/PSS1)	Permanent (Str. F107-2)	66
MW2 (PEM1/PSS1)	Permanent (Str. F107-3)	20
MW2 (PEM1/PSS1)	Permanent (Str. F107-1)	113

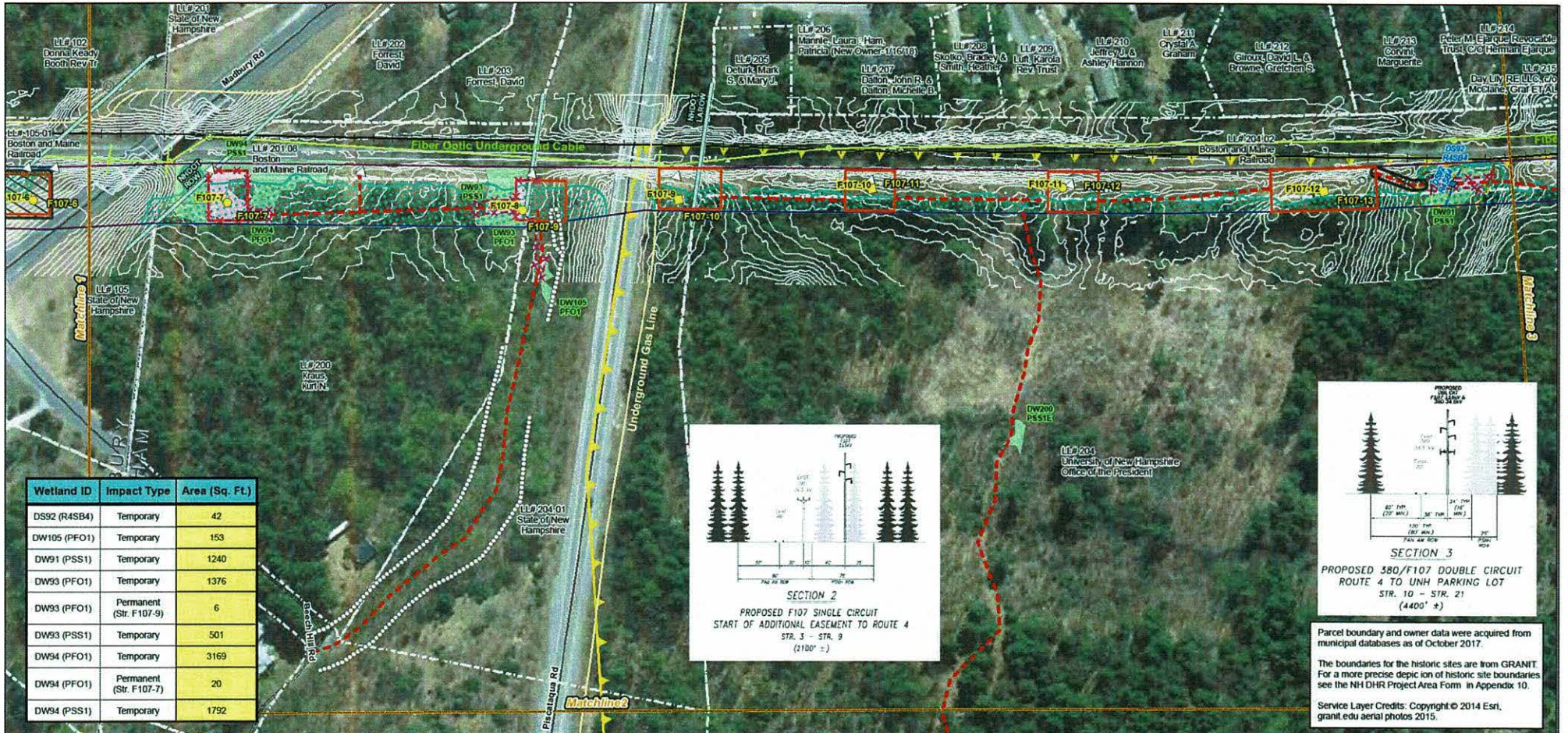


Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

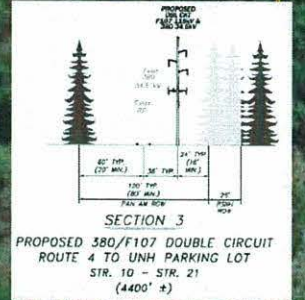
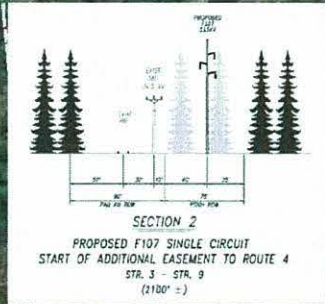
<p>Drawn By: dpelletier Date: 7/25/2018 Project No: 22860.003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Steep Slope BMPs</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>	<p>Scale: 1 inch = 150 feet</p>	
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## Seacoast Reliability Project

### Revised Environmental Maps



Wetland ID	Impact Type	Area (Sq. Ft.)
DS92 (R4SB4)	Temporary	42
DW105 (PFO1)	Temporary	153
DW91 (PSS1)	Temporary	1240
DW93 (PFO1)	Temporary	1376
DW93 (PFO1)	Permanent (Str. F107-9)	6
DW93 (PSS1)	Temporary	501
DW94 (PFO1)	Temporary	3169
DW94 (PFO1)	Permanent (Str. F107-7)	20
DW94 (PSS1)	Temporary	1792



Parcel boundary and owner data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

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Drawn By: dpeleier Date: 7/25/2018 Project No: 22960.003

<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s F107-107</li> <li>Construction Structure #s F107-107</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>
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## Seacoast Reliability Project

### Revised Environmental Maps



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Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

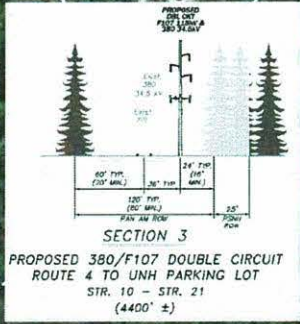
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### Seacoast Reliability Project

#### Revised Environmental Maps



Wetland ID	Impact Type	Area (Sq. Ft.)
DSS2 (R4SB4)	Temporary	42
DW77 (PSS1)	Temporary	1711
DW79 (PSS1)	Temporary	842
DW80 (PSS1)	Temporary	935
DW91 (PSS1)	Temporary	1240



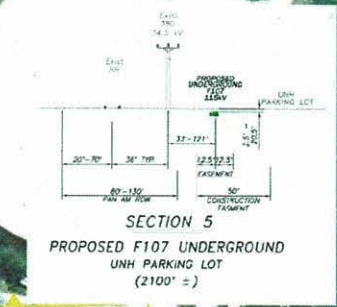
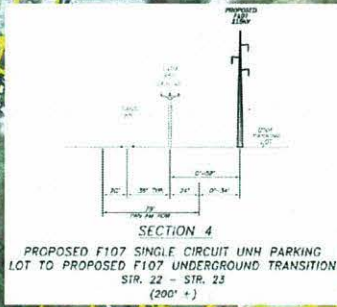
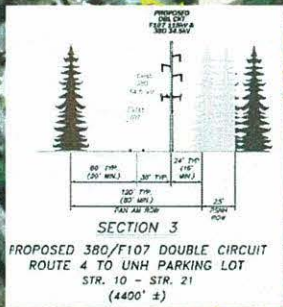
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 The boundaries for the historic sites are from GRANT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Drawn By: dpelletier Date: 7/25/2018 Project No: 22980.003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>	<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>
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## Seacoast Reliability Project

### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
DW76 (PSS1)	Temporary	4321
DW76 (PSS1)	Permanent (Str. F107-21)	20
DW77 (PSS1)	Temporary	1711



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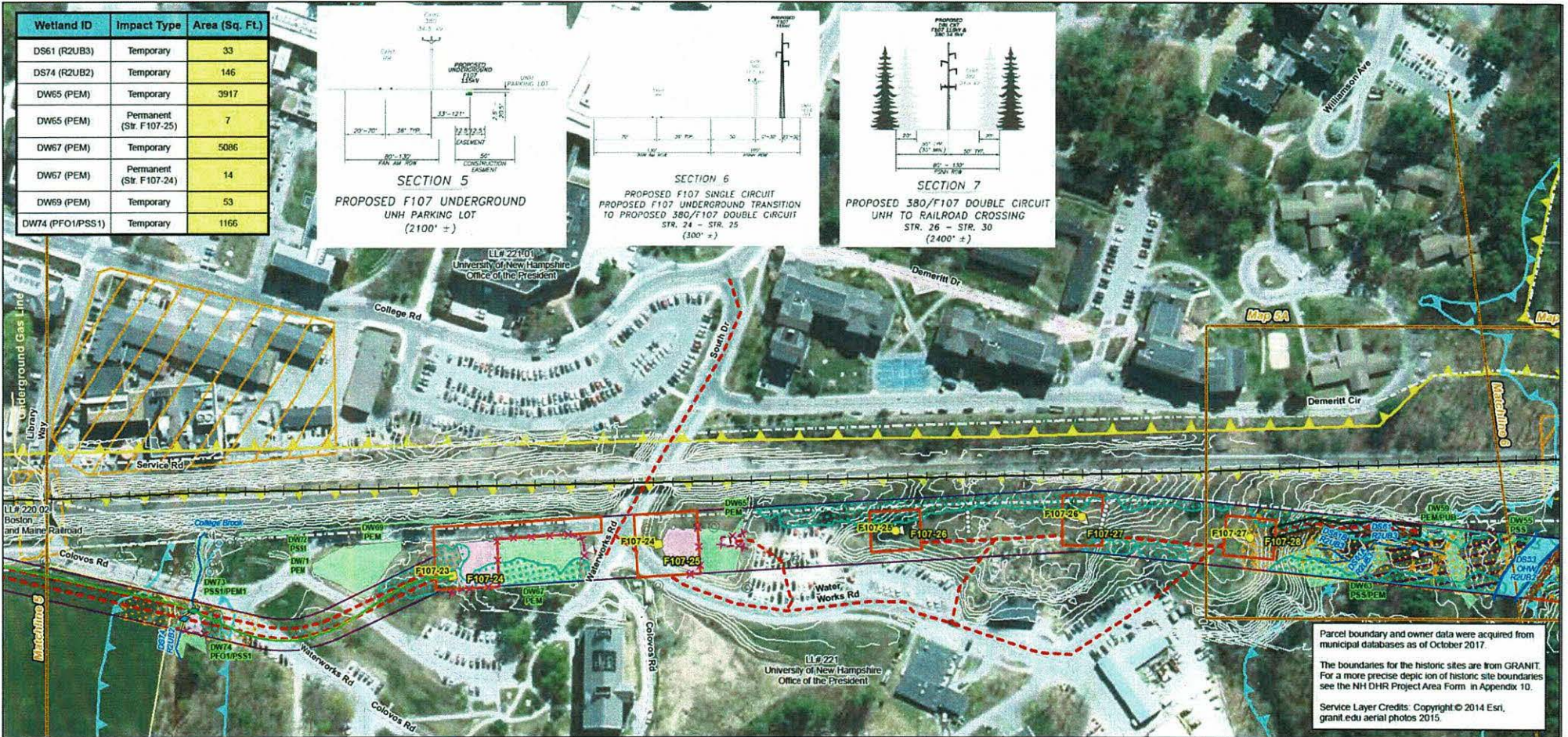
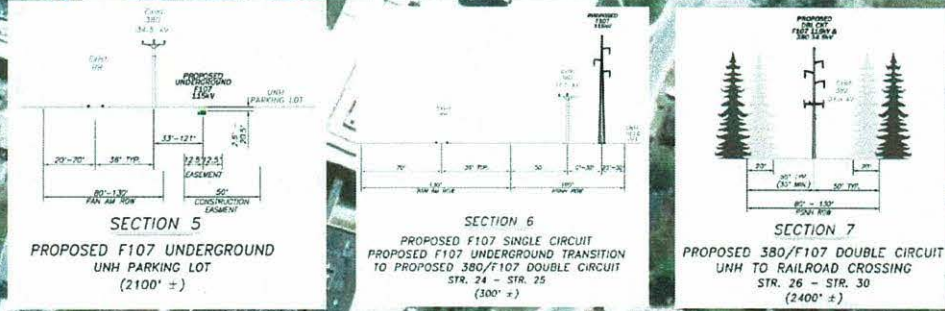
Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Drawn by: dpelelier Date: 7/25/2018 Project No: 22680-003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>F107-107 Permitting Structure #s</li> <li>F107-107 Construction Structure #s</li> <li>Wetland Number &amp; PSS1 Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> </ul> </li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul>	<div style="text-align: center;"> </div> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div>
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## Seacoast Reliability Project

### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
DS61 (R2UB3)	Temporary	33
DS74 (R2UB2)	Temporary	146
DW65 (PEM)	Temporary	3917
DW65 (PEM)	Permanent (Str. F107-25)	7
DW67 (PEM)	Temporary	5086
DW67 (PEM)	Permanent (Str. F107-24)	14
DW69 (PEM)	Temporary	53
DW74 (PFO1/PSS1)	Temporary	1166



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 Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads: Local, Not Maintained, Private, State, Railroad, Access Road, Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- Straw Wattle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stonewall alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Designated River Buffer 250'
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s F107-107 Construction Structure #s
- Wetland Number & Cover Type
- Structures: Direct Embed, Drilled Pier, Relocated Distribution, Steep Slope BMPs, Tree Clearing, Stream Buffer, 2ft Contour, Tidal Buffer Zone, Highest Observable Tide Line/Reference Line (4R Contour), Mean Lower Low Water
- <all other values>

Scale: 1 inch = 150 feet

Map of New Hampshire showing project location in Durham.

**EVERSOURCE ENERGY**

**Seacoast Reliability Project**

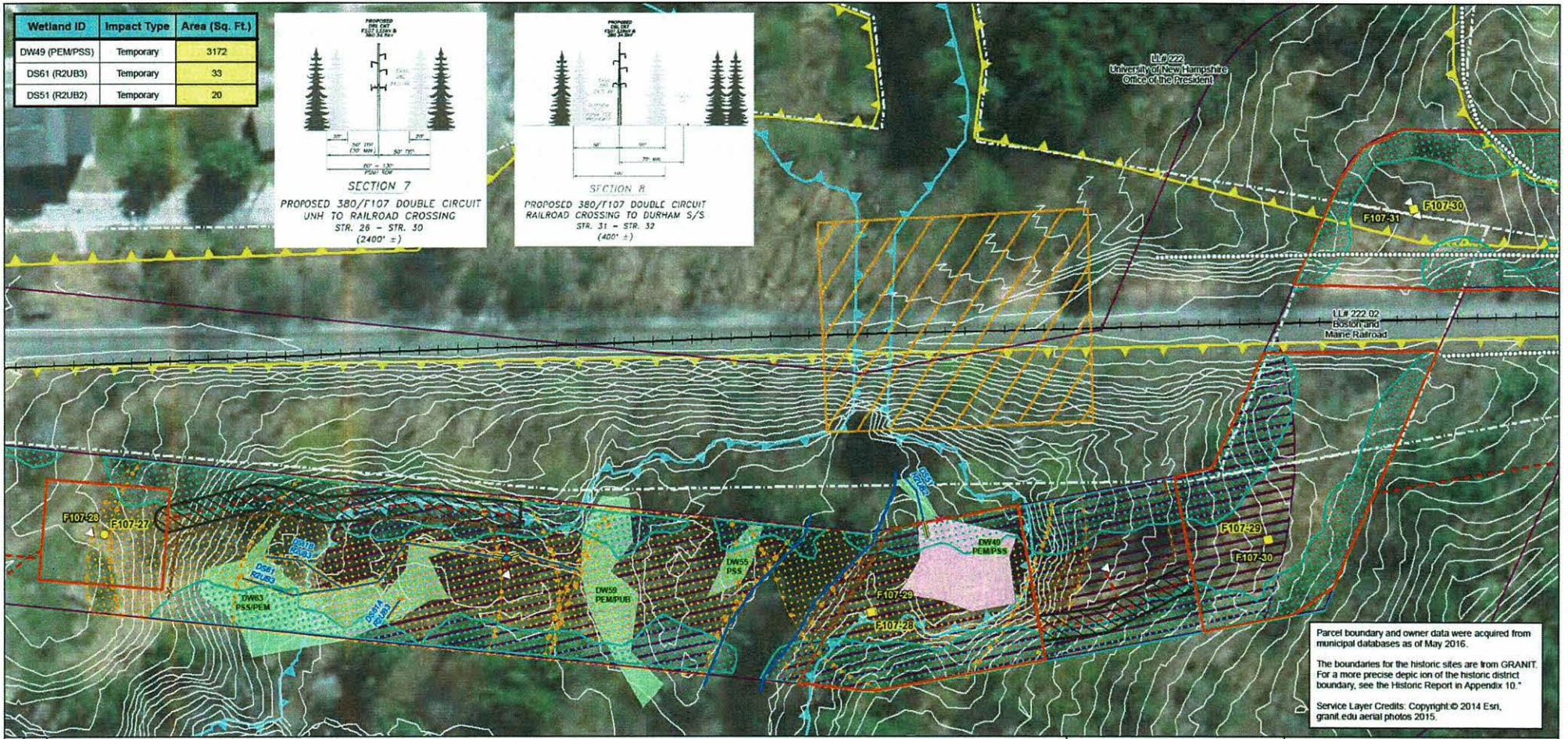
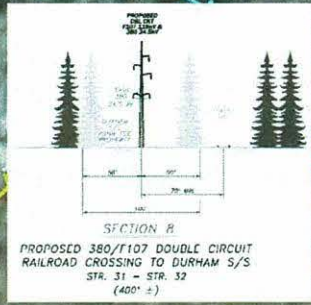
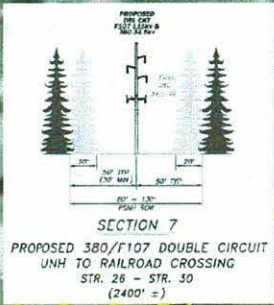
**Revised Environmental Maps**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**SARAH D. ALLEN**  
No. 093  
SEAL OF NEW HAMPSHIRE  
SEAL OF WETLANDS PROJECT

Path: J:\Projects\PSNH\_F107\MXD\SRP\_MapSet\_Supplement4.mxd

Wetland ID	Impact Type	Area (Sq. Ft.)
DW49 (PEM/PSS)	Temporary	3172
DS61 (R2UB3)	Temporary	33
DS51 (R2UB2)	Temporary	20



Parcel boundary and owner data were acquired from municipal databases as of May 2016.  
 The boundaries for the historic sites are from GRANIT. For a more precise depiction of the historic district boundary, see the Historic Report in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Drawn By: dpelelier Date: 7/17/2018 Project No: 22880.003</p>	<p><b>Approximate Parcel Boundary</b></p> <ul style="list-style-type: none"> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> </ul> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Workpad/Access</li> <li>Access Pending Owner Approval</li> </ul> <p><b>Existing Str (Remain)</b></p> <ul style="list-style-type: none"> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> </ul> <p><b>Silt Fence, Hay Bale, Erosion Control Mix Berm</b></p> <ul style="list-style-type: none"> <li>Silt Curtain</li> <li>Straw Wattle</li> </ul> <p><b>Wetland</b></p> <ul style="list-style-type: none"> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetlands Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<p><b>Stream Centerline</b></p> <ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>Wetland Number &amp; Cover Type</li> </ul> <p><b>Structures</b></p> <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>100 Year Floodplain</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> </ul> <p><b>F107-107 Permitting Structure #s</b>  <b>F107-107 Construction Structure #s</b></p>	<p>Scale: 1 inch = 60 feet</p> <p>0 30 60 120 Feet</p>
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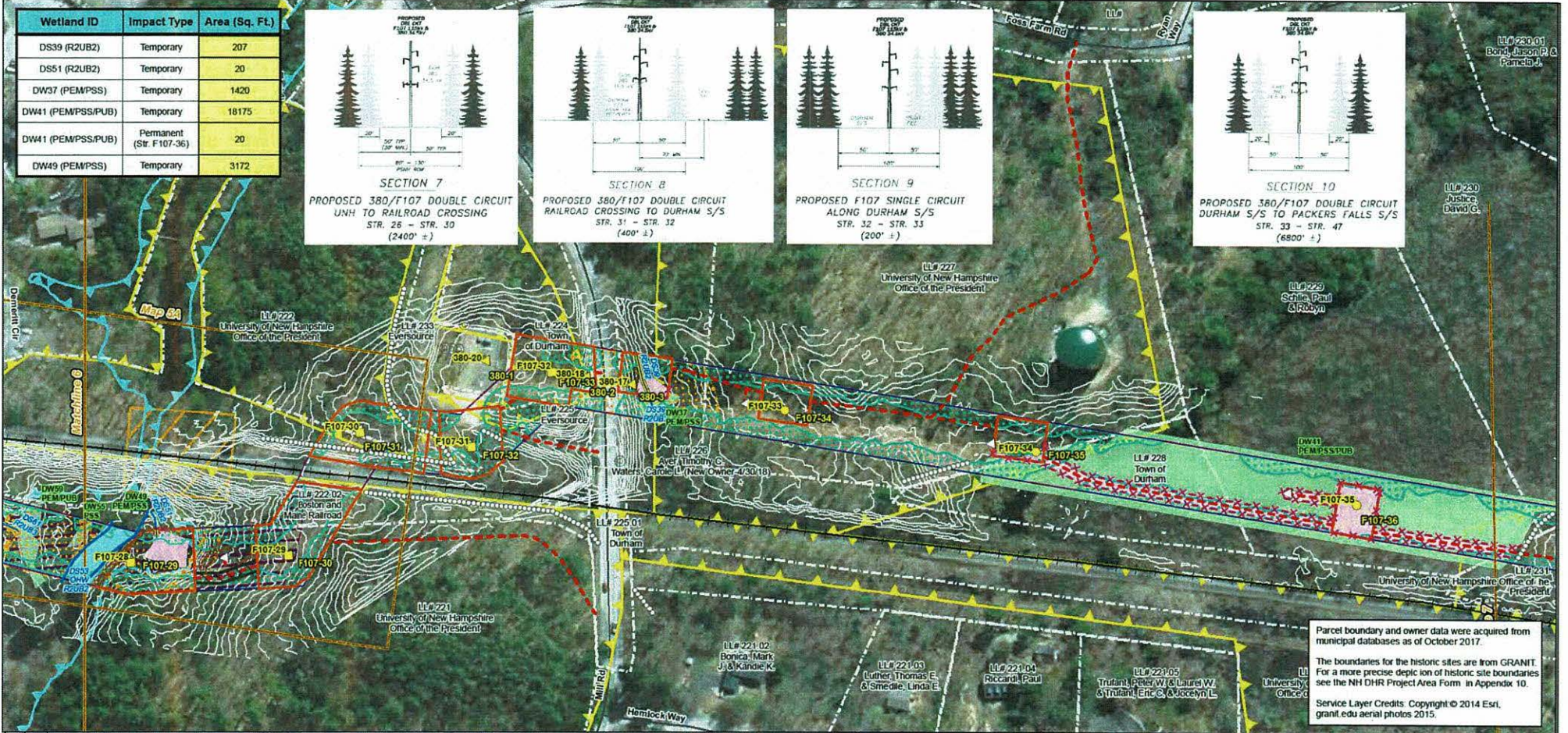
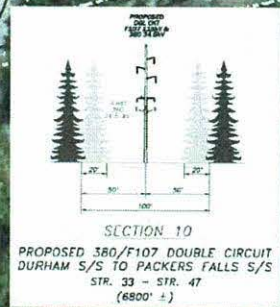
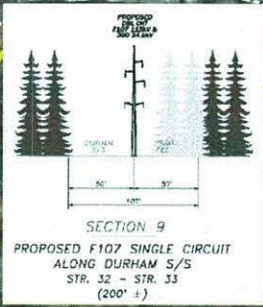
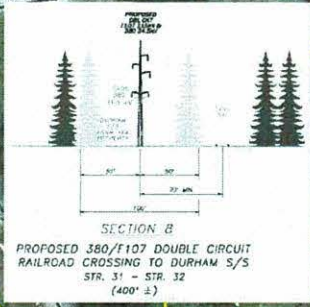
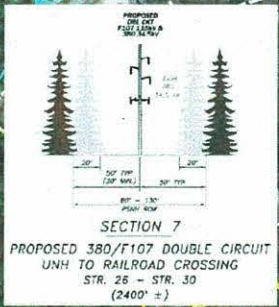
**EVERSOURCE ENERGY**

**Seacoast Reliability Project**

**Revised Environmental Maps**

**NORMANDEAU ASSOCIATES**  
ENVIRONMENTAL CONSULTANTS

Wetland ID	Impact Type	Area (Sq. Ft.)
DS39 (R2UB2)	Temporary	207
DS51 (R2UB2)	Temporary	20
DW37 (PEMPSS)	Temporary	1420
DW41 (PEMPSS/PUB)	Temporary	18175
DW41 (PEMPSS/PUB)	Permanent (Str. F107-36)	20
DW49 (PEMPSS)	Temporary	3172



Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

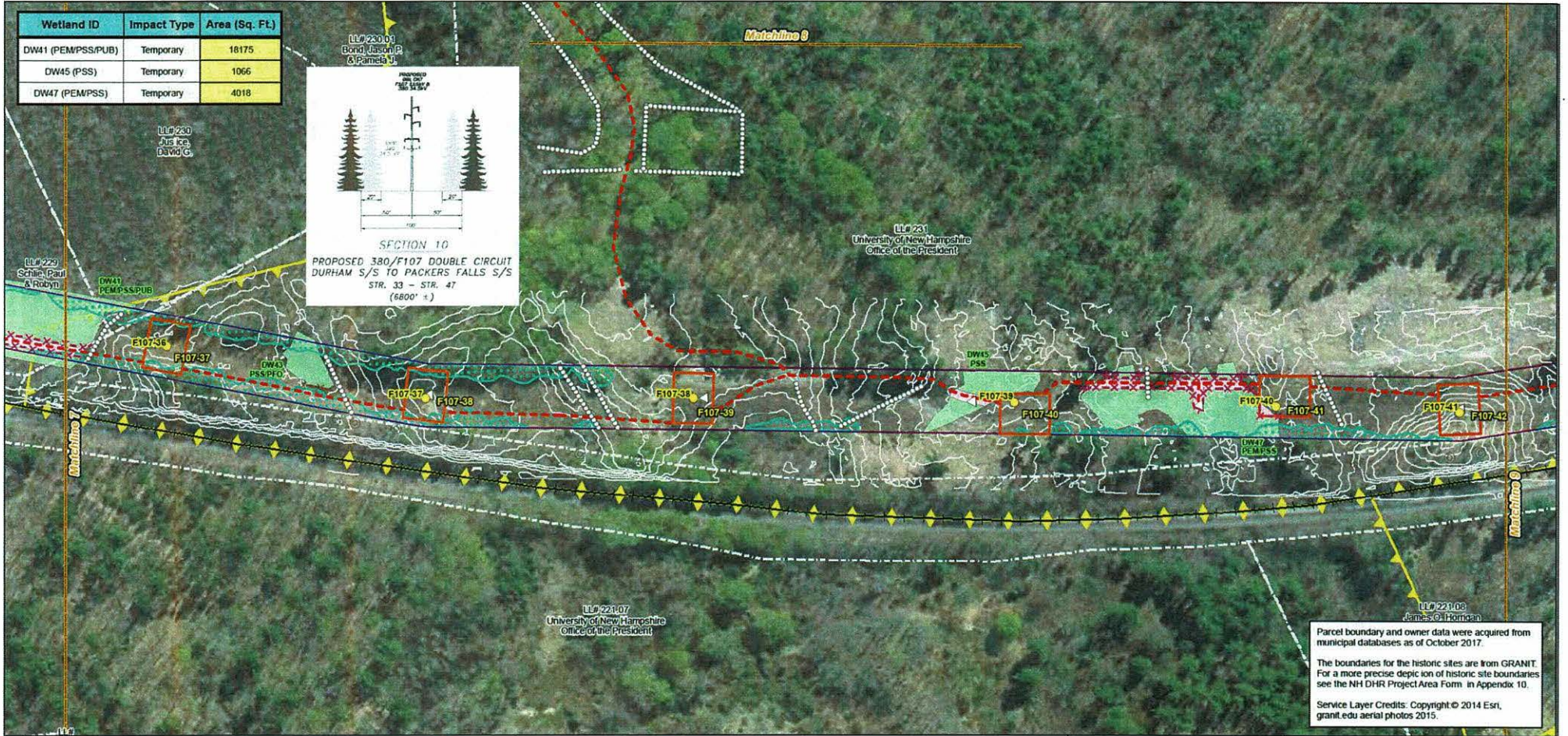
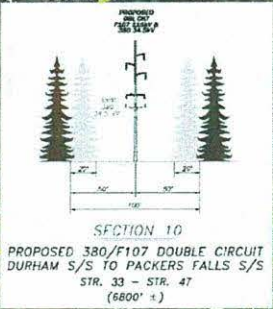
<p>Date: 7/25/2018        Drawn By: dpelelier        Project No: 22860-003</p>	<p>Approximate Parcel Boundary        PSNH Fee Area        Project Corridor        Work Pad        Roads: Local, Not Maintained, Private, State, Railroad        Access Road, Access Rd. Pending Owner Approval</p>	<p>Existing Str (Remain)        Existing Str (Removed/Modified)        Underground Cable        Silt Curtain        Silt Fence, Hay Bale, Erosion Control Mix Berm        Straw Wattle        Wetland        Prime Wetland        Wetland Impact (PERM)        Wetland Impact (TEMP)        Town Boundary</p>	<p>Stream Centerline        Stream Top of Bank        Temporary Culvert        Stone Wall alignment        Temporary Mat Bridge        NH DOT Right-of-way        Historical Sites        Designated River Buffer 250'        Conservation Lands        100 Year Floodplain        F107-107 Permitting Structure #s        F107-107 Construction Structure #s        Wetland Number &amp; Cover Type</p>	<p>&lt;all other values&gt;        Structures:        Direct Embed        Drilled Pier        Relocated Distribution        Steep Slope BMPs        Tree Clearing        Stream Buffer        2ft Contour        Tidal Buffer Zone        Highest Observable Tide Line/Reference Line (4ft Contour)        Mean Lower Low Water</p>
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### Seacoast Reliability Project

#### Revised Environmental Maps

7/16/18 Map 7 of 31

Wetland ID	Impact Type	Area (Sq. Ft.)
DW41 (PEM/PSS/PUB)	Temporary	18175
DW45 (PSS)	Temporary	1066
DW47 (PEM/PSS)	Temporary	4018



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 Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

<p>Drawn By: dpelelier Date: 7/25/2018 Project No: 22890.003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> </ul> </li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>F107-107 Permitting Structure #s</li> <li>F107-107 Construction Structure #s</li> <li>DW56 Wetland Number &amp; PSS1 Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> <li>Steep Slope BMPs</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul>	<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>
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## Seacoast Reliability Project

### Revised Environmental Maps

7/16/18 Map 8 of 31



Parcel boundary and owner data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

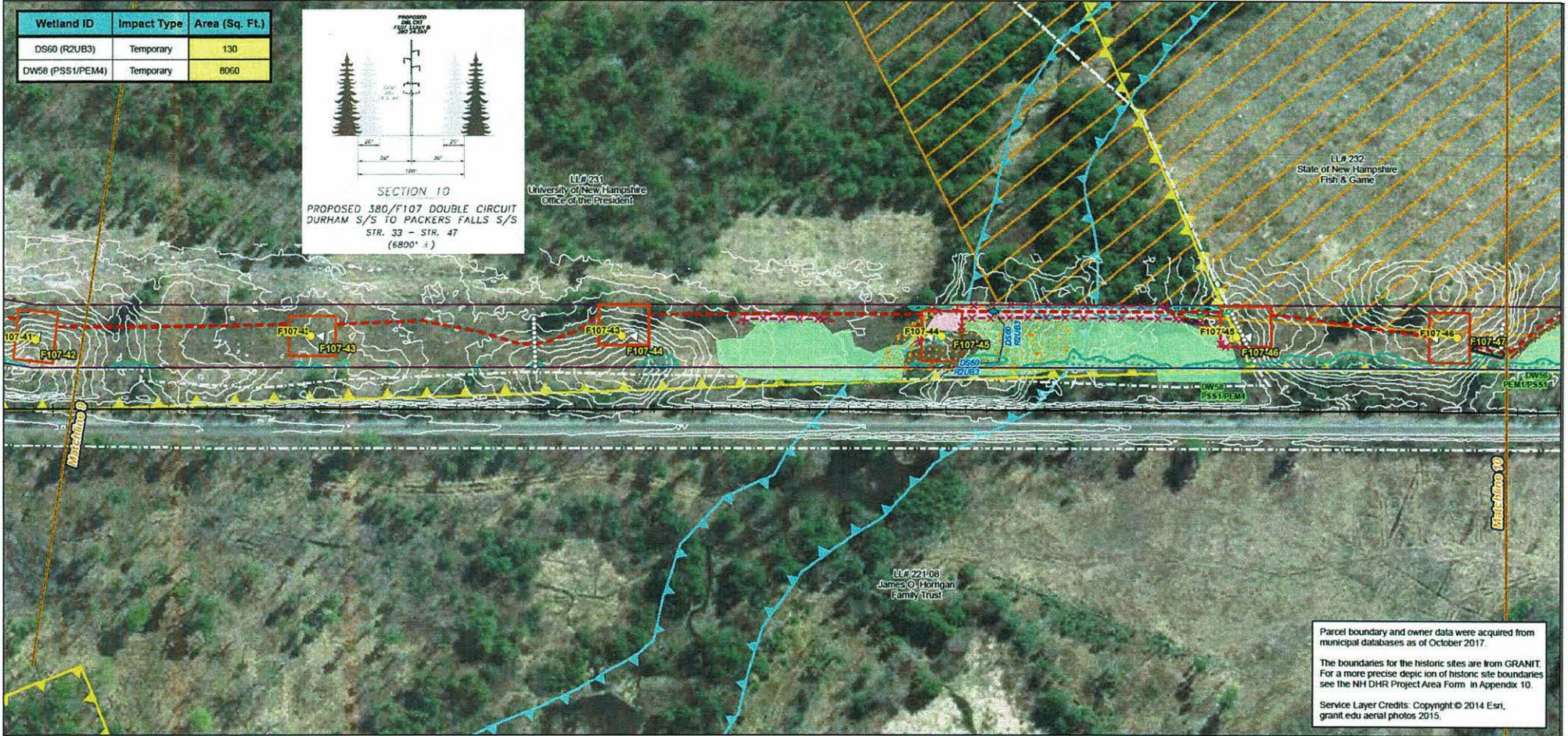
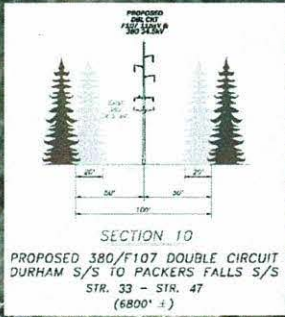
Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

<p>Date: 7/25/2018</p> <p>Drawn By: dpelelier</p> <p>Project No: 22860-003</p>	<p><b>Approximate Parcel Boundary</b></p> <p>PSNH Fee Area</p> <p>Project Corridor</p> <p>Work Pad</p> <p><b>Roads</b></p> <p>Local</p> <p>Not Maintained</p> <p>Private</p> <p>State</p> <p>Railroad</p> <p>Access Road</p> <p>Access Rd. Pending Owner Approval</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p>Underground Cable</p> <p>Silt Curtain</p> <p>Silt Fence, Hay Bale, Erosion Control Mix Berm</p> <p>Straw Wattle</p> <p>Wetland</p> <p>Prime Wetland</p> <p>Wetland Impact (PERM)</p> <p>Wetland Impact (TEMP)</p> <p>Town Boundary</p>	<p>Stream Centerline</p> <p>Stream Top of Bank</p> <p>Temporary Culvert</p> <p>Stonewall alignment</p> <p>Temporary Mat Bridge</p> <p>NH DOT Right-of-way</p> <p>Historical Sites</p> <p>Designated River Buffer 250'</p> <p>Conservation Lands</p> <p>100 Year Floodplain</p> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Construction Structure #s</b></p> <p>DW56 Wetland Number &amp; Cover Type</p> <p>PSS1</p>	<p>&lt;all other values&gt;</p> <p><b>Structures</b></p> <p>Direct Embed</p> <p>Drilled Pier</p> <p>Relocated Distribution</p> <p>Steep Slope BMPs</p> <p>Tree Clearing</p> <p>Stream Buffer</p> <p>2ft Contour</p> <p>Tidal Buffer Zone</p> <p>Highest Observable Tide Line/Reference Line (4ft Contour)</p> <p>Mean Lower Low Water</p>	<p>Scale: 1 inch = 150 feet</p> <p>0 75 150 300 Feet</p> <p>Map of New Hampshire showing project location near Durham, Dover, Newington, Portsmouth, and Newmarket.</p>
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<p><b>EVERSOURCE ENERGY</b></p>	<p><b>Seacoast Reliability Project</b></p> <p><b>Revised Environmental Maps</b></p>
<p><b>NORMANDEAU ASSOCIATES</b> Environmental Consultants</p>	<p>STATE OF NEW HAMPSHIRE SARAH D. ALLEN No. 083 REGULATED WETLAND SCIENCE</p>

Path: J:\Projects\PSNH\_F107MXD\SRP\_MapSet\_Supplement4.mxd

Wetland ID	Impact Type	Area (Sq. Ft.)
DS60 (R2UB3)	Temporary	130
DW58 (PSS1/PEM4)	Temporary	8060



Parcel boundary and owner data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

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<p>Date: 7/25/2018 Drawn By: dpeleker Project No: 22860-003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>	<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>
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**EVERSOURCE ENERGY**

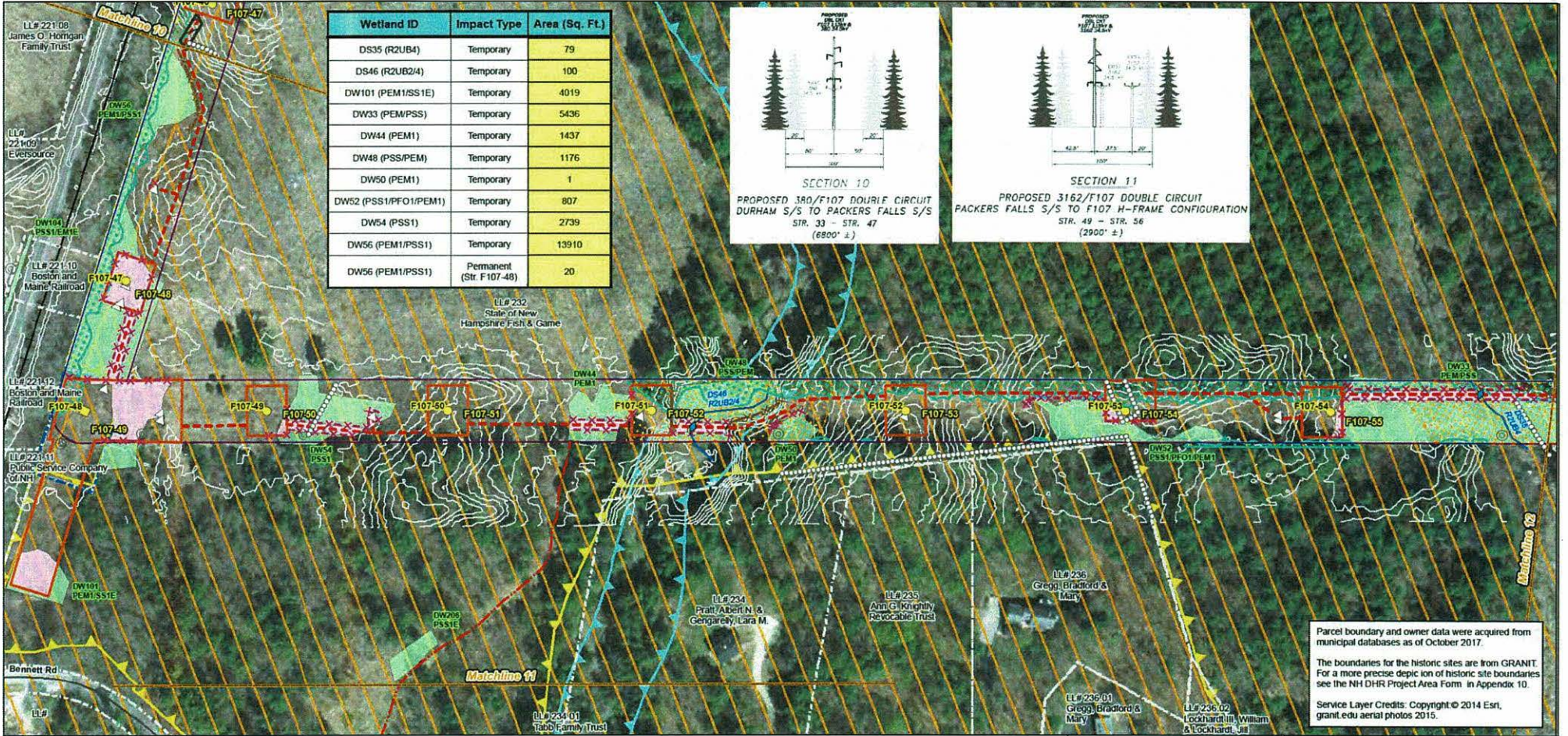
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

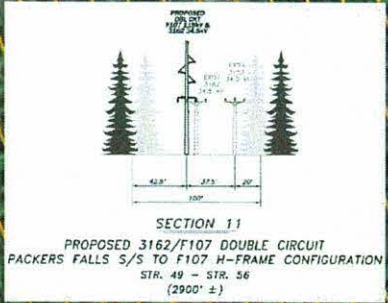
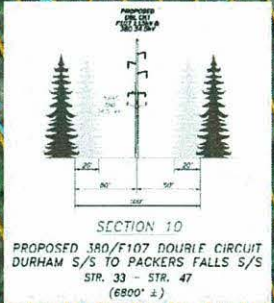
**Revised Environmental Maps**

Path: J:\Projects\PSNH\_F107\MXD\SRP\_MapSet\_Supplement4.mxd





Wetland ID	Impact Type	Area (Sq. Ft.)
DS35 (R2UB4)	Temporary	79
DS46 (R2UB2/4)	Temporary	100
DW101 (PEM1/SS1E)	Temporary	4019
DW33 (PEM/PSS)	Temporary	5436
DW44 (PEM1)	Temporary	1437
DW48 (PSS/PEM)	Temporary	1176
DW50 (PEM1)	Temporary	1
DW52 (PSS1/PFO1/PEM1)	Temporary	807
DW54 (PSS1)	Temporary	2739
DW56 (PEM1/PSS1)	Temporary	13910
DW56 (PEM1/PSS1)	Permanent (Str. F107-48)	20



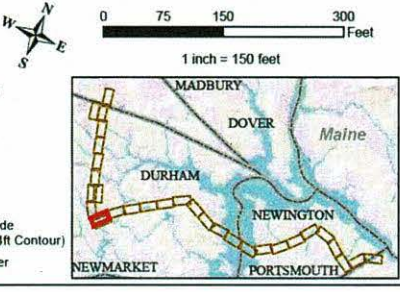
Parcel boundary and owner data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

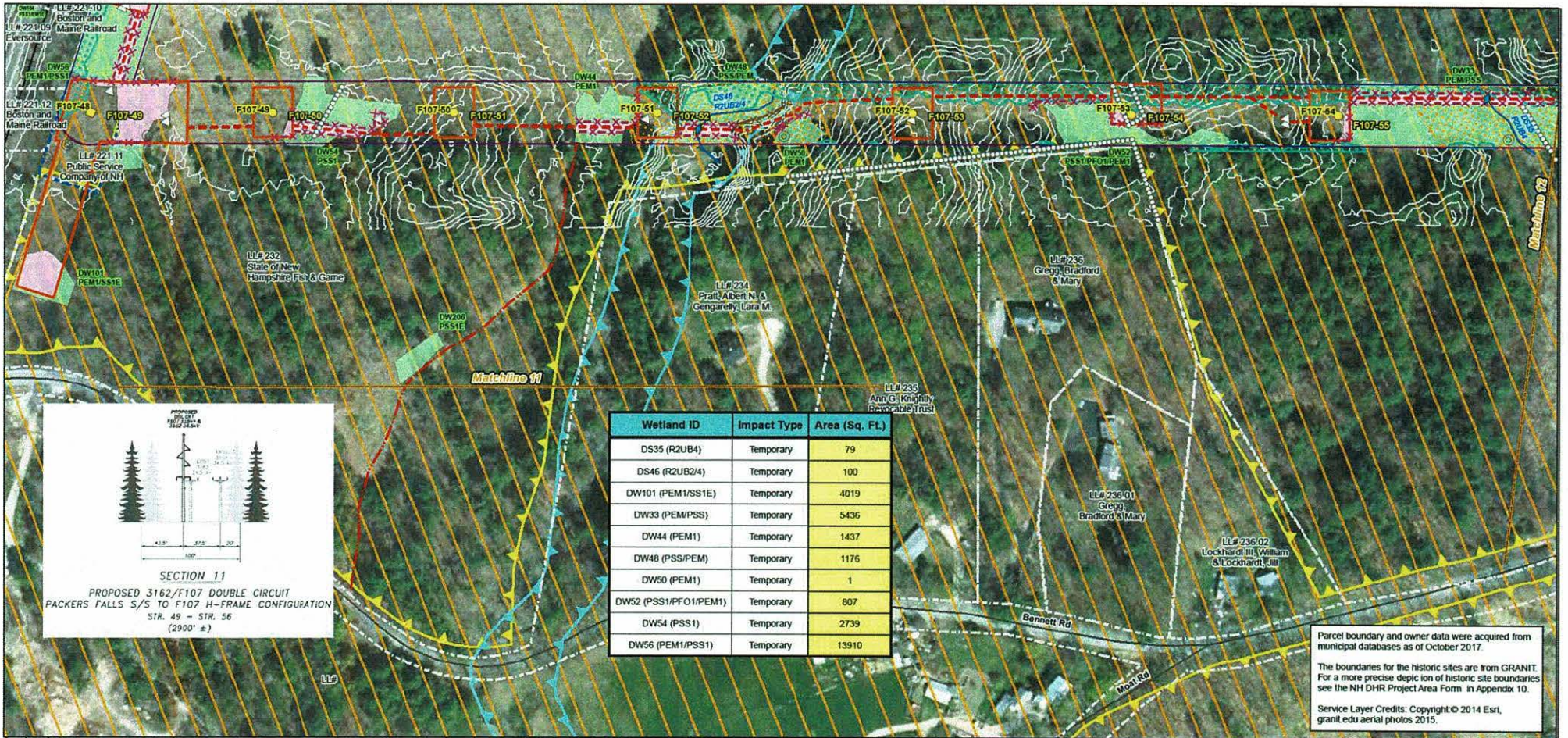
Drawn By: dpeleier Date: 7/25/2018 Project No: 22690.003

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### Seacoast Reliability Project

#### Revised Environmental Maps



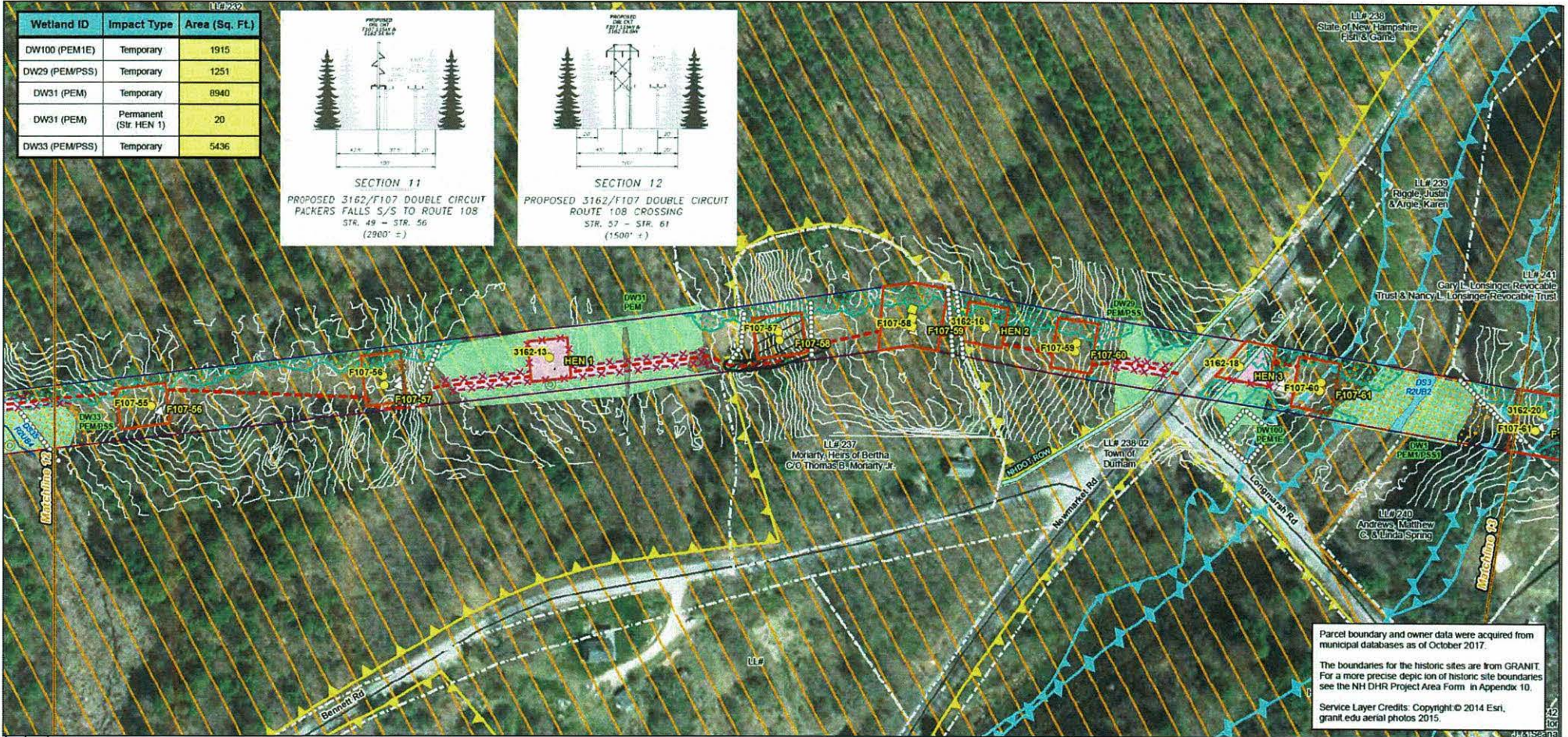
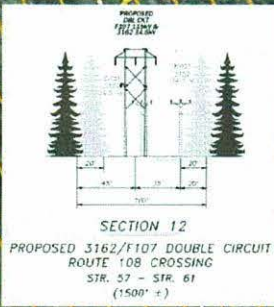
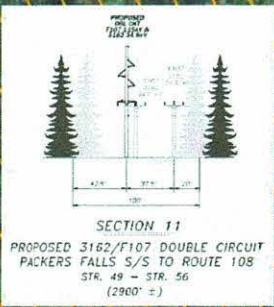
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Drawn By: dphelan          Date: 7/25/2018          Project No: 22880.003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>	<p>Scale: 1 inch = 150 feet</p>
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### Seacoast Reliability Project

#### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
DW100 (PEM1E)	Temporary	1915
DW29 (PEMPSS)	Temporary	1251
DW31 (PEM)	Temporary	8940
DW31 (PEM)	Permanent (Str. HEN 1)	20
DW33 (PEMPSS)	Temporary	5436



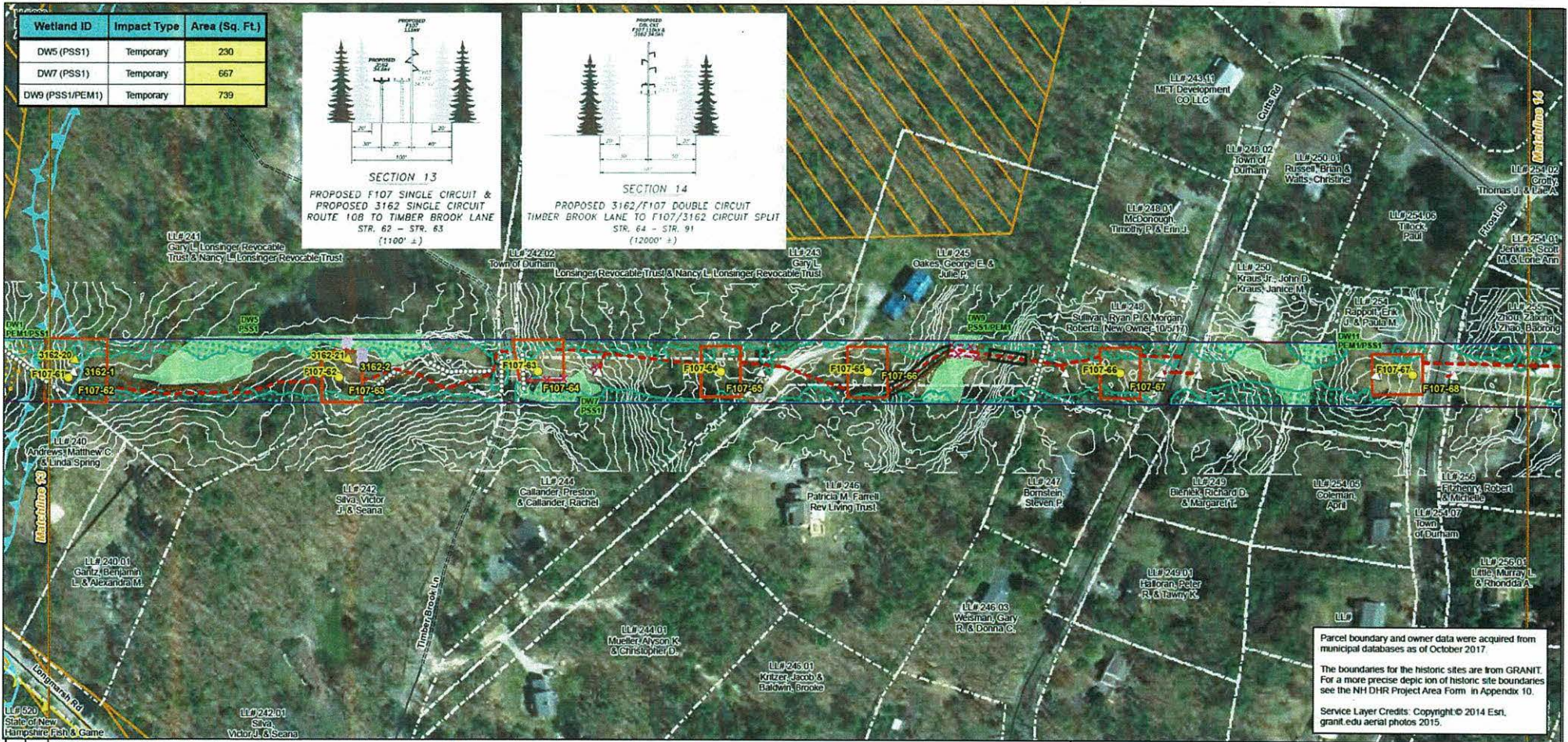
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 The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

<p>Date: 7/25/2018          Drawn By: dpelelier          Project No: 22860003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s F107-107</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul>	<p>Scale: 1 inch = 150 feet</p>	
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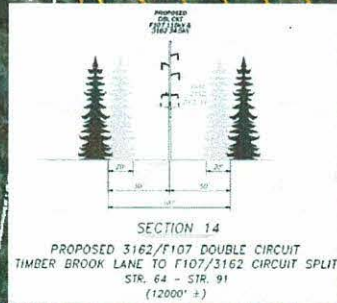
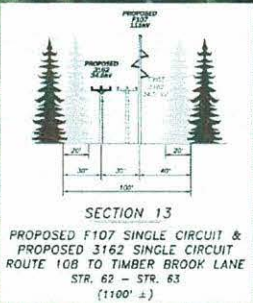
## Seacoast Reliability Project

### Revised Environmental Maps

Path: J:\Projects\PSNH\_F107\MXD\SRP\_MapSet\_Supplement4.mxd



Wetland ID	Impact Type	Area (Sq. Ft.)
DW5 (PSS1)	Temporary	230
DW7 (PSS1)	Temporary	667
DW9 (PSS1/PEM1)	Temporary	739



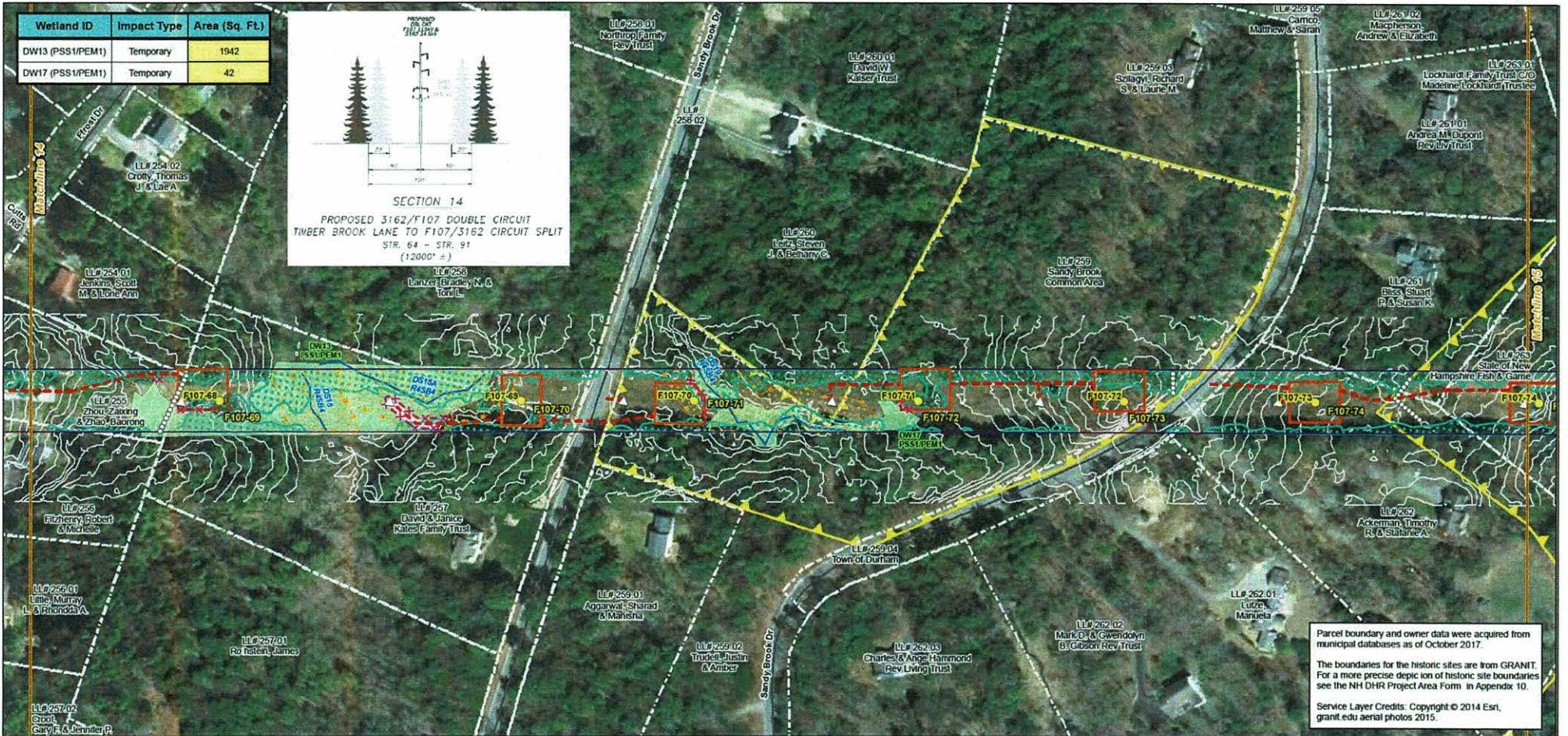
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Drawn By: dpeleier          Date: 7/25/2018          Project No: 22860-003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stone Wall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>	<p>Scale: 1 inch = 150 feet</p> <p>North Arrow</p>
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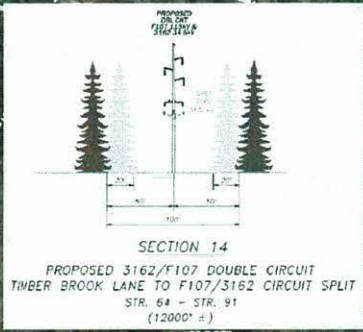
## Seacoast Reliability Project

### Revised Environmental Maps

Path: J:\Projects\PSNH\_F107\MXD\SRP\_MapSet\_Supplement4.mxd



Wetland ID	Impact Type	Area (Sq. Ft.)
DW13 (PSS1/PEM1)	Temporary	1942
DW17 (PSS1/PEM1)	Temporary	42



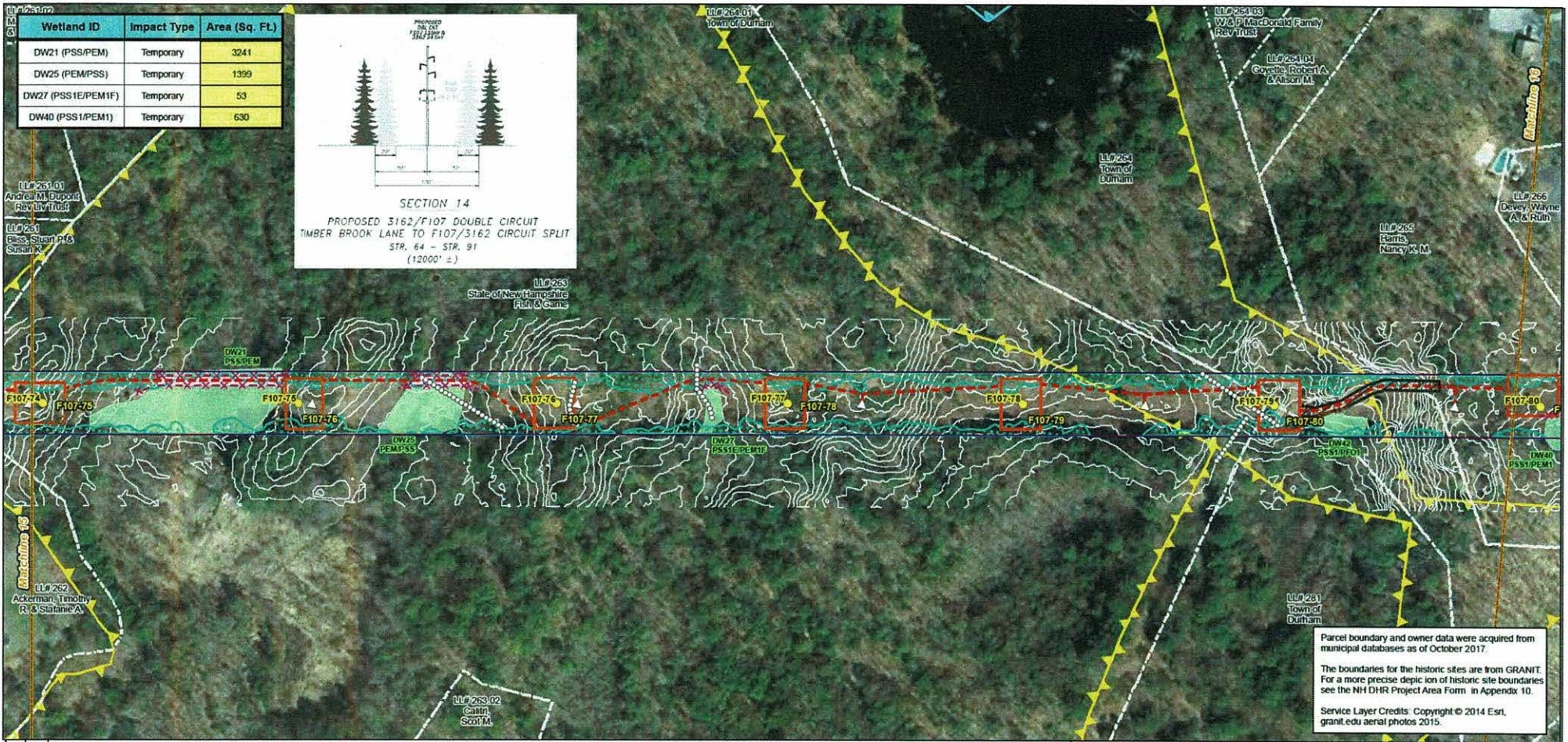
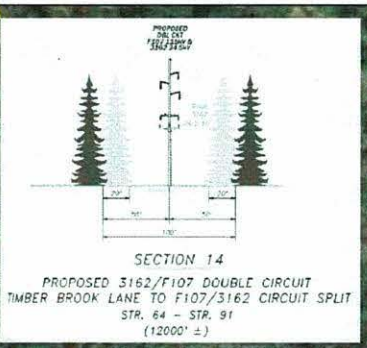
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

<p>Date: 7/25/2018          Drawn By: dpeleier          Project No: 22860.003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Steep Slope BMPs</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4R Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>	<p>Scale: 1 inch = 150 feet</p>
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## Seacoast Reliability Project

### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
DW21 (PSS/PEM)	Temporary	3241
DW25 (PEM/PSS)	Temporary	1399
DW27 (PSS1E/PEM1F)	Temporary	53
DW40 (PSS1/PEM1)	Temporary	630



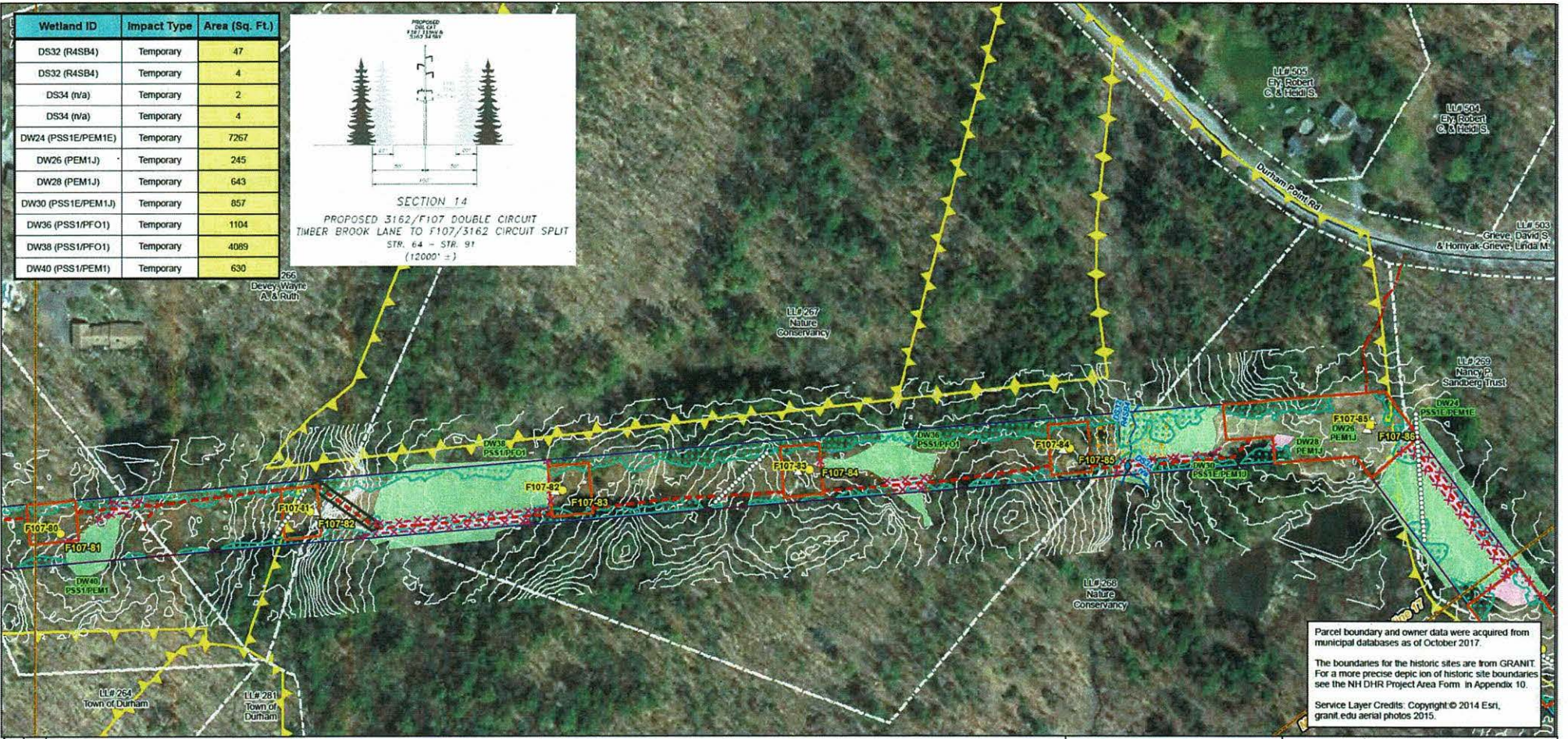
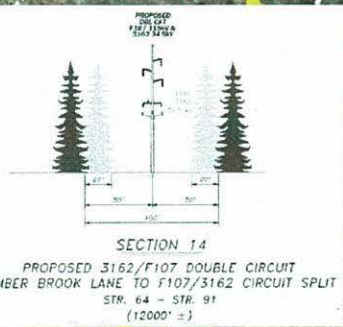
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

<p>Drawn By: dpelelier          Date: 7/25/2018          Project No: 22680-003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>F107-107 Permitting Structure #s</li> <li>F107-107 Construction Structure #s</li> <li>DW58 Wetland Number &amp; PSS1 Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>	<p>Scale: 1 inch = 150 feet</p>
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### Seacoast Reliability Project

#### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
DS32 (R4SB4)	Temporary	47
DS32 (R4SB4)	Temporary	4
DS34 (n/a)	Temporary	2
DS34 (n/a)	Temporary	4
DW24 (PSS1E/PEM1E)	Temporary	7267
DW26 (PEM1J)	Temporary	245
DW28 (PEM1J)	Temporary	643
DW30 (PSS1E/PEM1J)	Temporary	857
DW36 (PSS1/PFO1)	Temporary	1104
DW38 (PSS1/PFO1)	Temporary	4089
DW40 (PSS1/PEM1)	Temporary	630



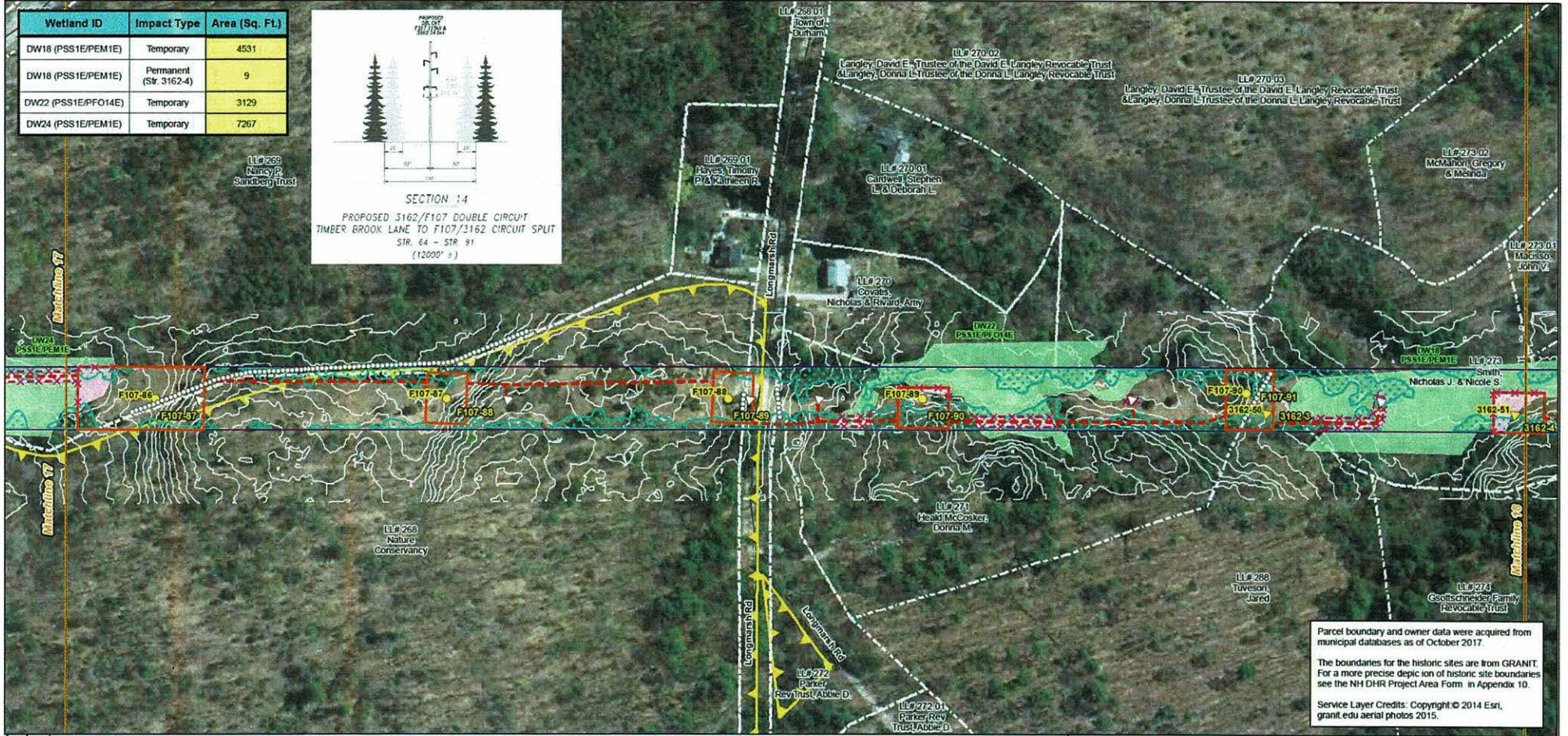
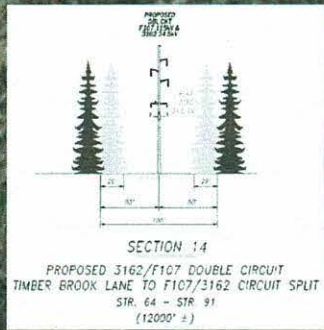
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Date: 7/25/2018          Drawn By: dplanelier          Project No: 22680_003</p>	<p><b>Approximate Parcel Boundary</b></p> <ul style="list-style-type: none"> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> </ul> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<p><b>Stream Centerline</b></p> <ul style="list-style-type: none"> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> </ul> <p><b>F107-107 Permitting Structure #s</b>  <b>F107-107 Construction Structure #s</b></p> <p><b>DW36 Wetland Number &amp; Cover Type</b></p>	<p>&lt;all other values&gt;</p> <p><b>Structures</b></p> <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul>	<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>
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## Seacoast Reliability Project

### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
DW18 (PSS1E/PEM1E)	Temporary	4531
DW18 (PSS1E/PEM1E)	Permanent (Str. 3162-4)	9
DW22 (PSS1E/PFO14E)	Temporary	3129
DW24 (PSS1E/PEM1E)	Temporary	7267



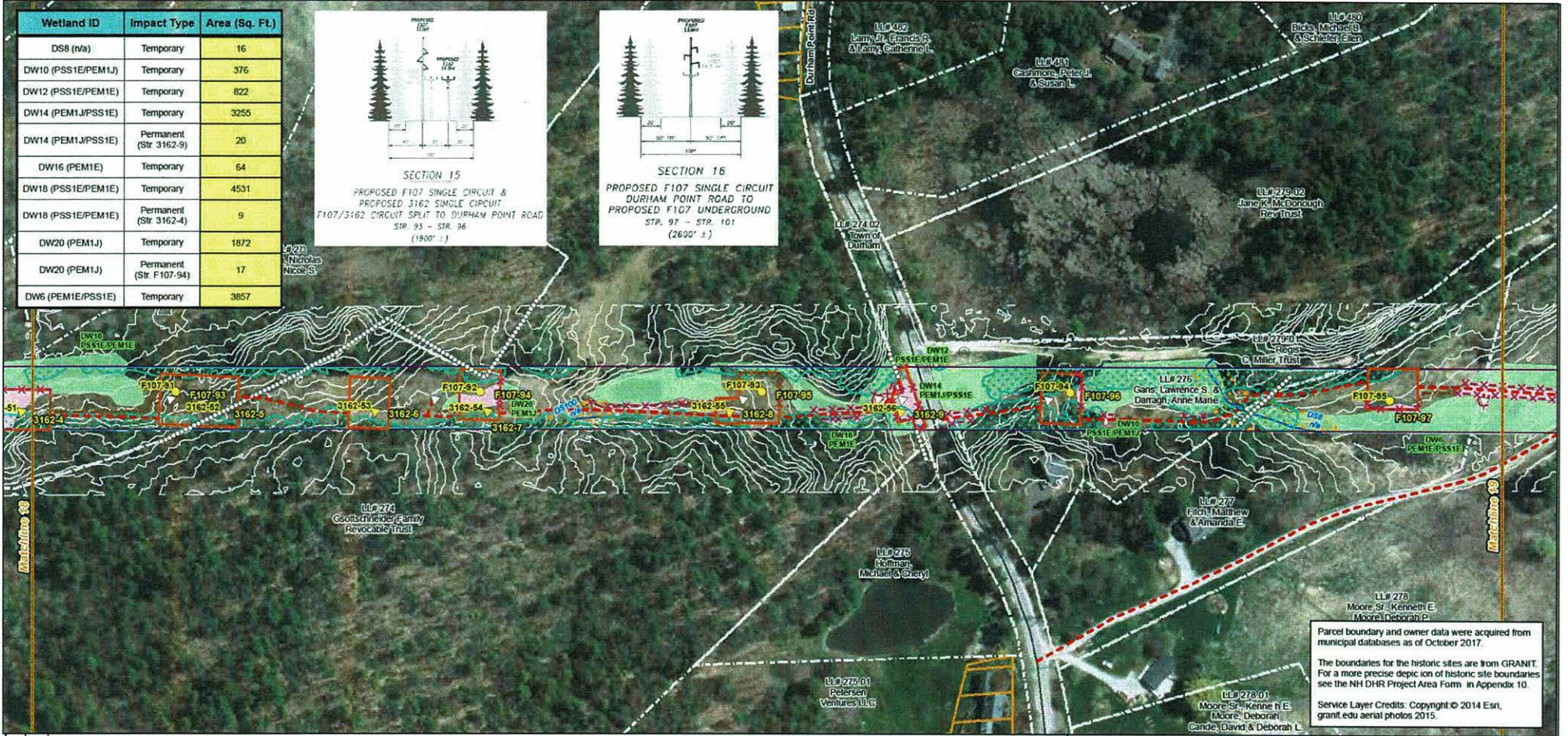
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

<p>Drawn By: dpelelier Date: 7/25/2018 Project No: 22890.003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>F107-107 Permitting Structure #s</li> <li>F107-107 Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> <li>Steep Slope BMPs</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul>	<p>Scale: 1 inch = 150 feet</p>
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## Seacoast Reliability Project

### Revised Environmental Maps





**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads: Local, Not Maintained, Private, State, Railroad
- Access Road, Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt fence, Hay Bale, Erosion Control Mix Berm
- Straw Wattle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stonewall alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Designated River Buffer 250'
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- Construction Structure #s
- Wetland Number & Cover Type
- Structures: Direct Embed, Drilled Pier, Relocated Distribution, Steep Slope BMPs, Tree Clearing, Stream Buffer, 2ft Contour, Tidal Buffer Zone, Highest Observable Tide Line/Reference Line (4R Contour), Mean Lower Low Water

**EVERSOURCE ENERGY**

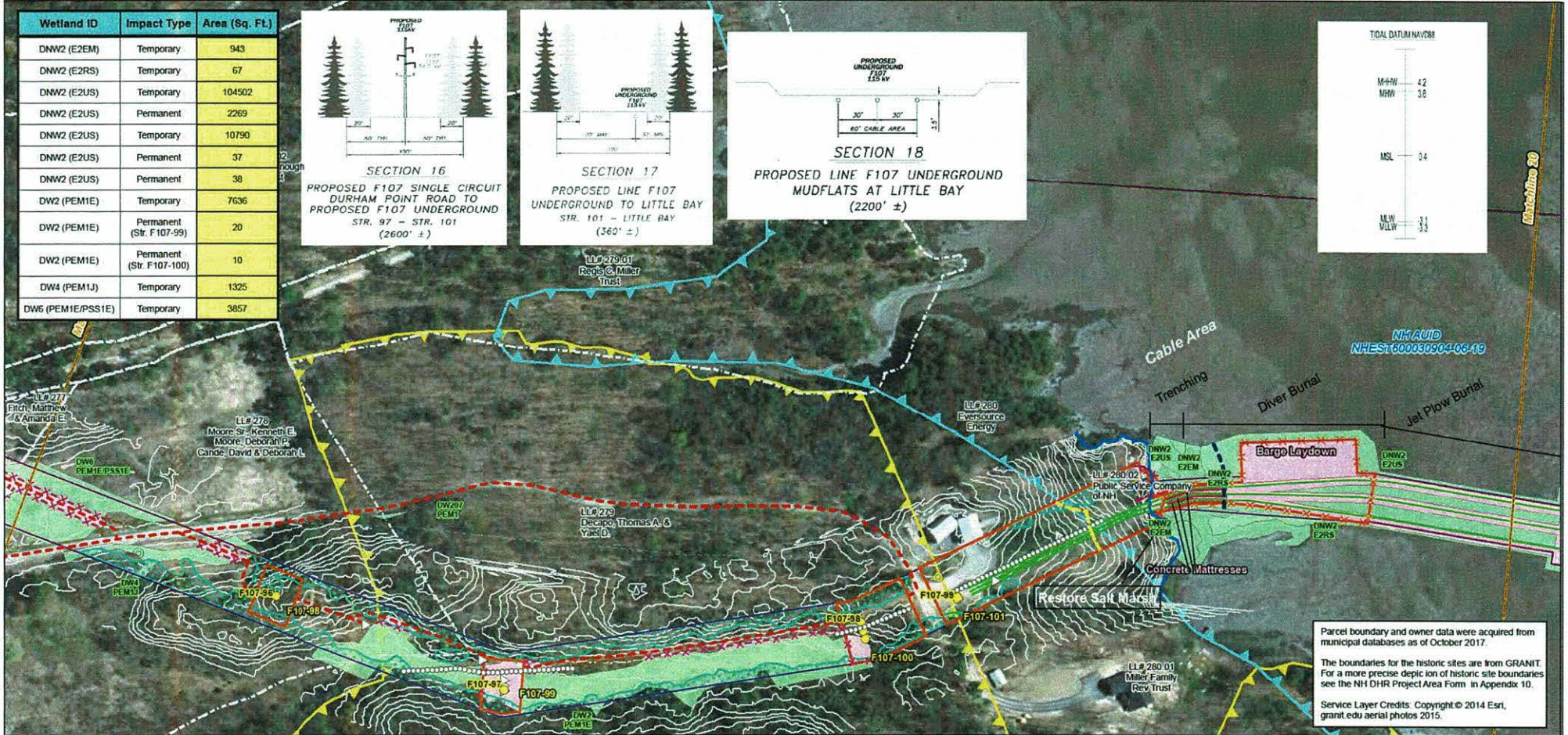
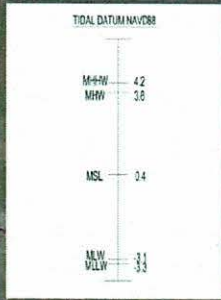
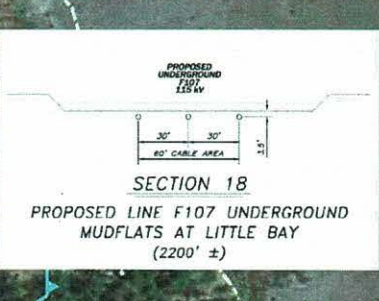
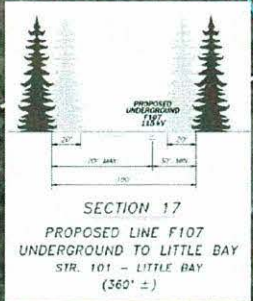
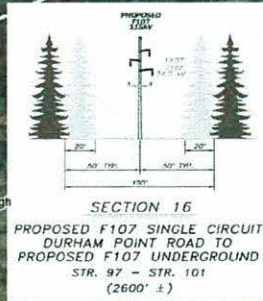
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Revised Environmental Maps**

SARAH D. ALLEN  
No. 083  
SEACOAST WETLAND SOCIETY

Wetland ID	Impact Type	Area (Sq. Ft.)
DNW2 (E2EM)	Temporary	943
DNW2 (E2RS)	Temporary	67
DNW2 (E2US)	Temporary	104502
DNW2 (E2US)	Permanent	2269
DNW2 (E2US)	Temporary	10790
DNW2 (E2US)	Permanent	37
DNW2 (E2US)	Permanent	38
DW2 (PEM1E)	Temporary	7636
DW2 (PEM1E)	Permanent (Str. F107-99)	20
DW2 (PEM1E)	Permanent (Str. F107-100)	10
DW4 (PEM1J)	Temporary	1325
DW6 (PEM1E/PSS1E)	Temporary	3857



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 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Drawn By: dpelelier Date: 7/25/2018 Project No: 22960.003</p>	<p><b>Approximate Parcel Boundary</b></p> <ul style="list-style-type: none"> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> </ul>	<p><b>Existing Str (Remain)</b></p> <ul style="list-style-type: none"> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<p><b>Stream Centerline</b></p> <ul style="list-style-type: none"> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> </ul>	<p><b>Structures</b></p> <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Steep Slope BMPs</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4R Contour)</li> <li>Mean Lower Low Water</li> </ul>	<p><b>Other Values</b></p> <ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> </ul>
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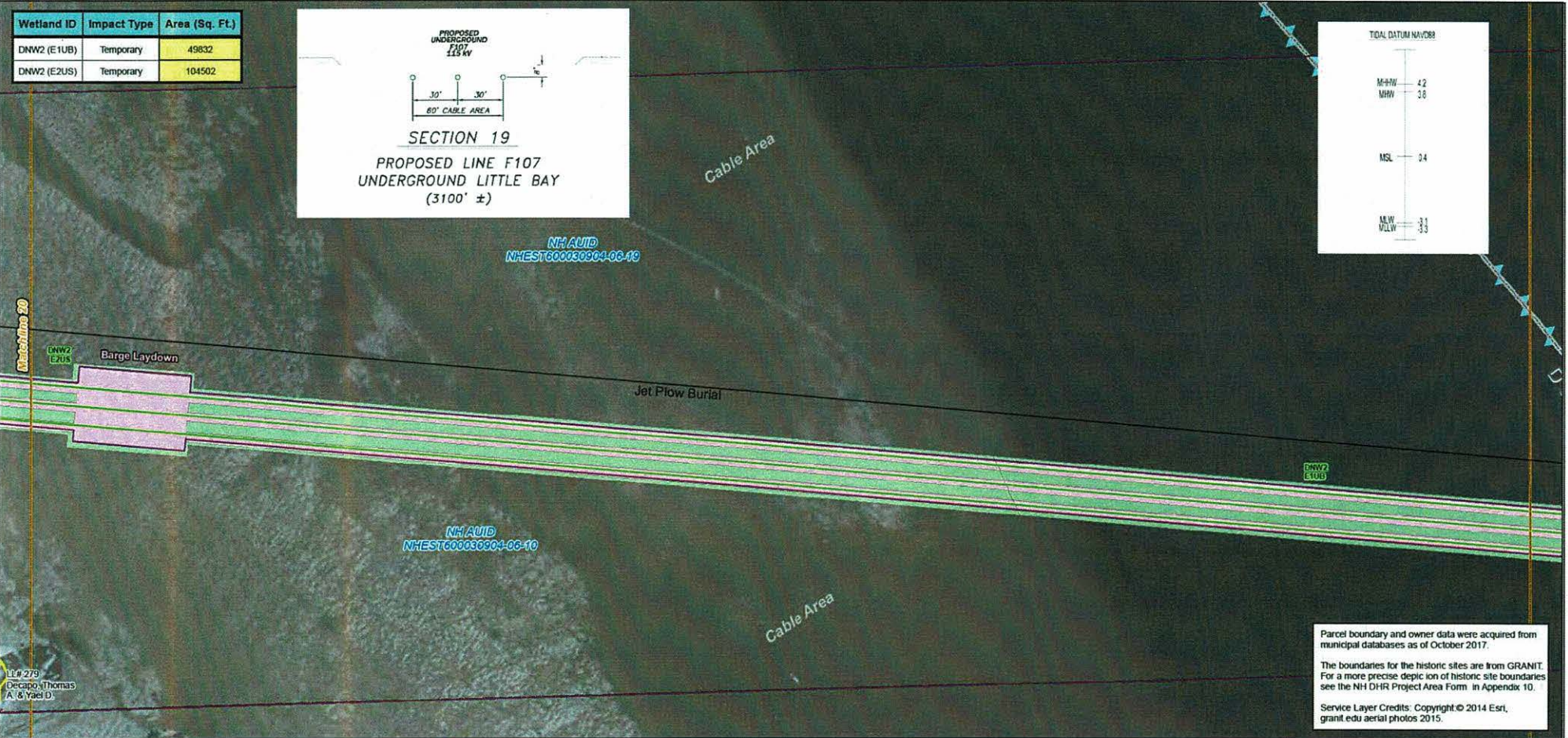
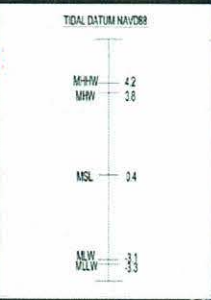
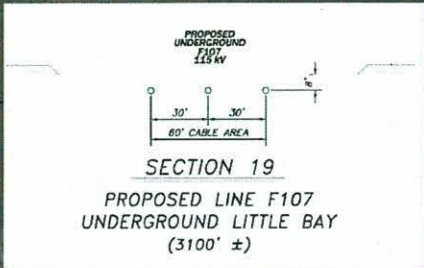
## Seacoast Reliability Project

### Revised Environmental Maps

7/16/18 Map 20 of 31

Path: J:\Projects\PSNH\_F107\MXD\SRP\_MapSet\_Supplement4.mxd

Wetland ID	Impact Type	Area (Sq. Ft.)
DNW2 (E1UB)	Temporary	49832
DNW2 (E2US)	Temporary	104502



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The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

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<p>Drawn By: dpelelier Date: 7/25/2018 Project No: 22960.003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> </ul> </li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>F107-107 Permitting Structure #s</li> <li>F107-107 Construction Structure #s</li> <li>DNW56 Wetland Number &amp; Cover Type</li> <li>PSS1</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> </ul> </li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul>	<div style="text-align: center;"> <p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p> </div>
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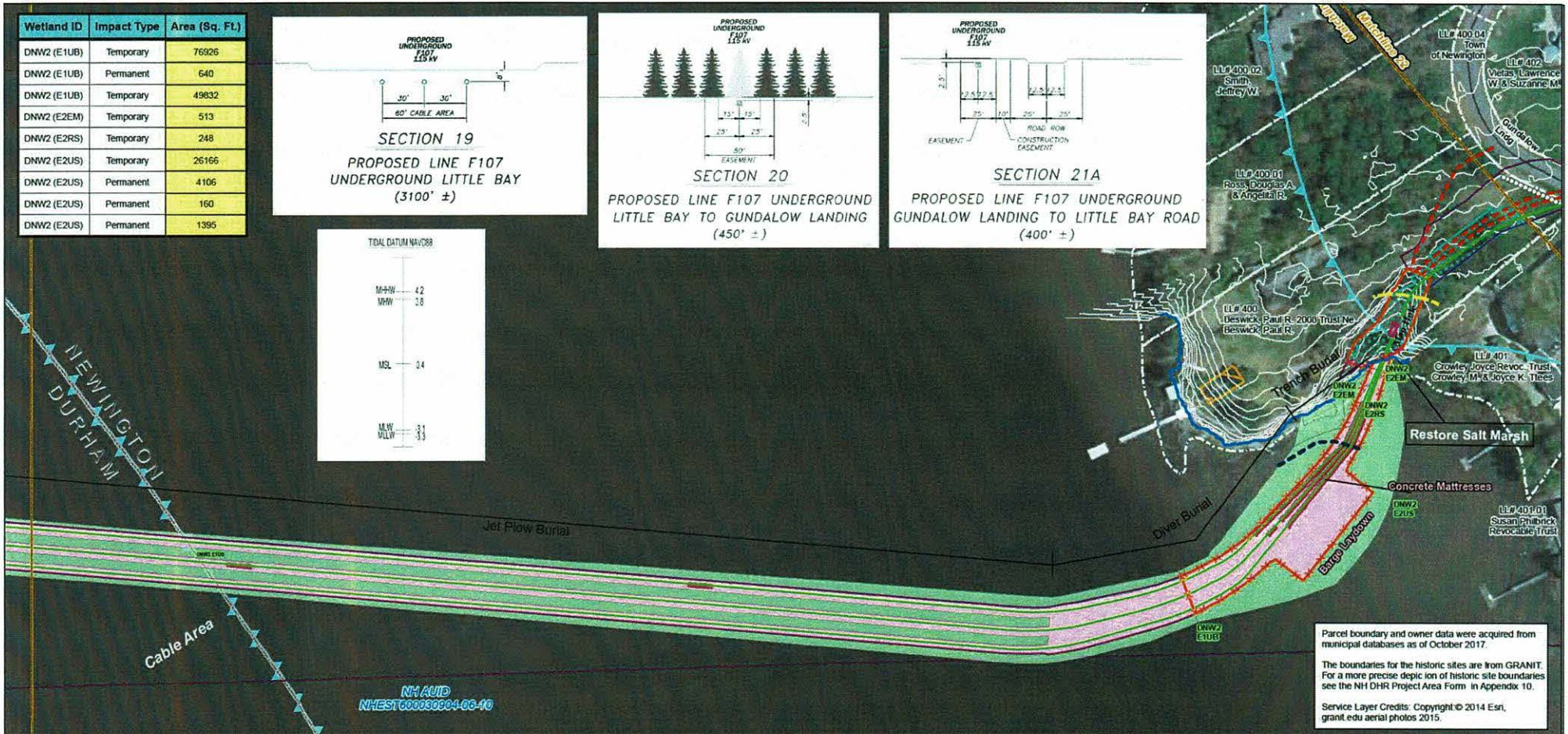
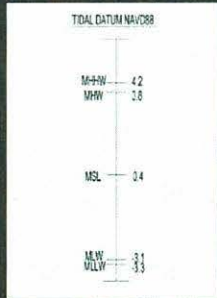
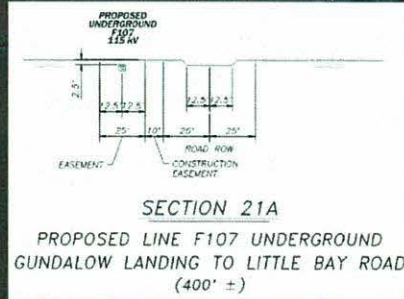
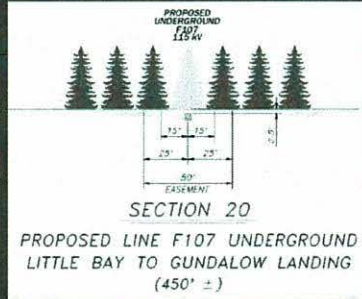
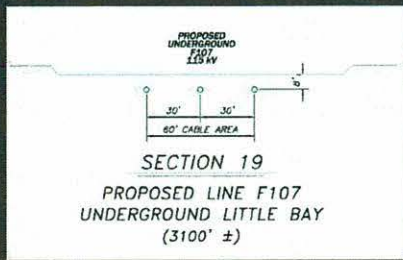
**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Revised Environmental Maps**

Wetland ID	Impact Type	Area (Sq. Ft.)
DNW2 (E1UB)	Temporary	76926
DNW2 (E1UB)	Permanent	640
DNW2 (E1UB)	Temporary	49832
DNW2 (E2EM)	Temporary	513
DNW2 (E2RS)	Temporary	248
DNW2 (E2US)	Temporary	26166
DNW2 (E2US)	Permanent	4106
DNW2 (E2US)	Permanent	160
DNW2 (E2US)	Permanent	1395



Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
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Drawn By: dplattler  
 Date: 7/25/2018  
 Project No: 22980.003

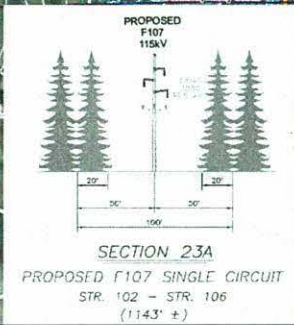
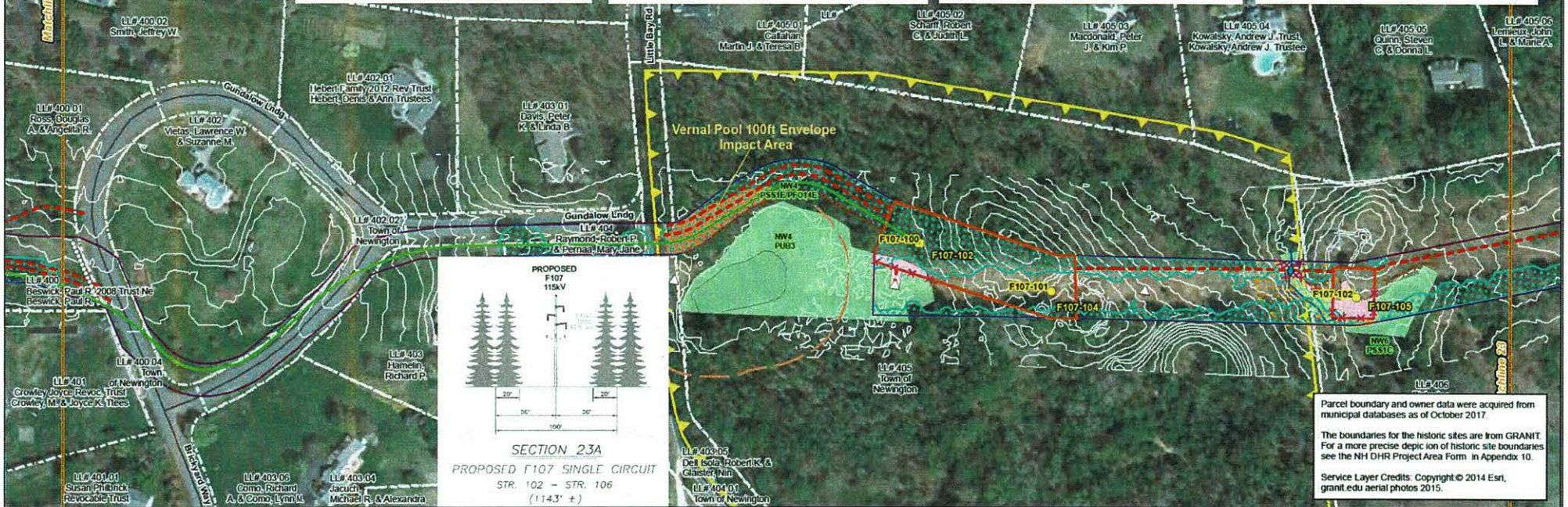
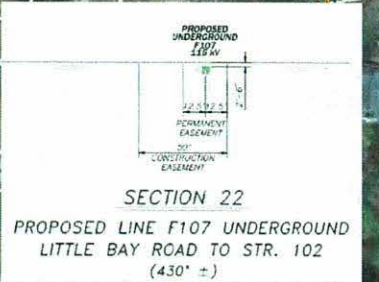
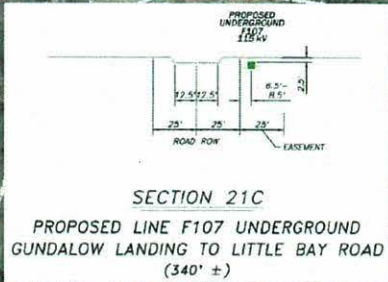
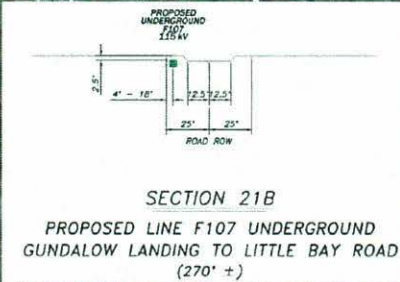
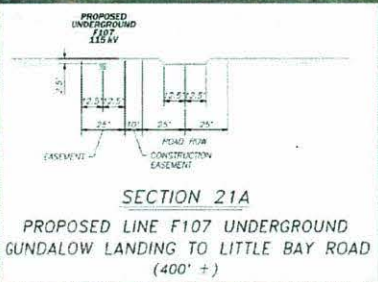
<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s F107-107</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>
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Scale: 1 inch = 150 feet  
 0 75 150 300 Feet

### Seacoast Reliability Project

### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
NS8 (R4S84)	Temporary	84
NW4 (PSS1E/PFO14E)	Temporary	1900
NW6 (PSS1C)	Temporary	2817
NW6 (PSS1C)	Permanent (Str. F107-105)	20
Vernal Pool Envelope	Temporary	7377



Parcel boundary and owner data were acquired from municipal databases as of October 2017.

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<p>Drawn By: <i>epeliter</i></p> <p>Date: 7/25/2018</p> <p>Project No: 22680.003</p>	<p><b>Approximate Parcel Boundary</b></p> <ul style="list-style-type: none"> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> </ul> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures</li> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul>	<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>
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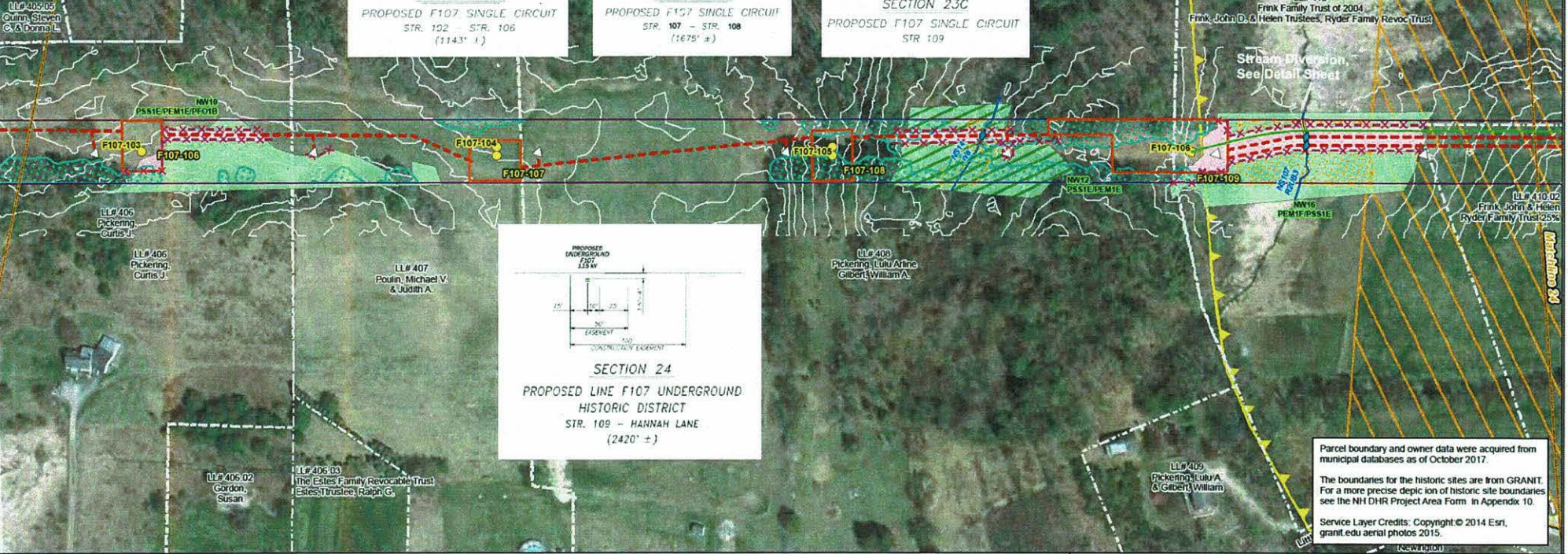
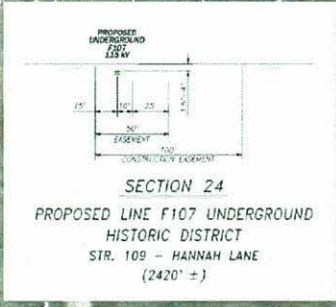
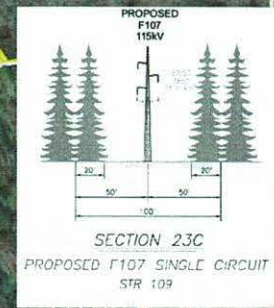
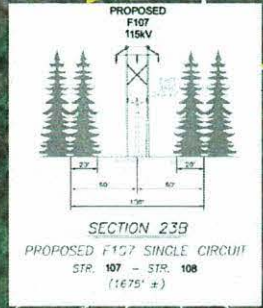
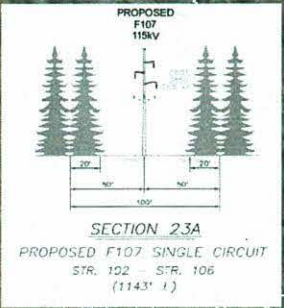
## Seacoast Reliability Project

### Revised Environmental Maps

Environmental Consultants

SARAH D. ALLEN  
No. 093  
SEALED WETLANDS PROJECT

Wetland ID	Impact Type	Area (Sq. Ft.)
NS107 (R2UB3)	Temporary	148
NS14 (Iva)	Temporary	42
NW10 (PSS1E/PEM1E/PFO1B)	Temporary	3507
NW12 (PSS1E/PEM1E)	Temporary	3310
NW16 (PEM1F/PSS1E)	Temporary	16035
NW16 (PEM1F/PSS1E)	Permanent (Str. F107-109)	19



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Drawn By: dpeleier Date: 7/25/2018 Project No: 22890.003

<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>
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Scale: 1 inch = 150 feet

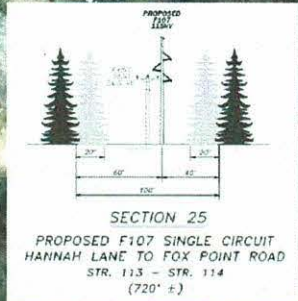
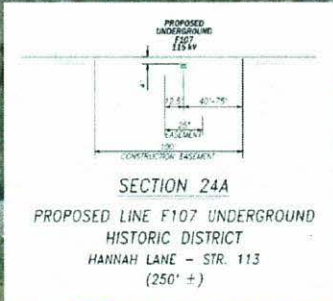
### Seacoast Reliability Project

### Revised Environmental Maps

7/16/18 Map 24 of 31

Path: J:\Projects\PSNH\F107\MXD\SRP\_MapSet\_Supplement4.mxd

Wetland ID	Impact Type	Area (Sq. Ft.)
NW18 (PEM1/PSS1J)	Temporary	2200
NW20 (PEM1J)	Temporary	1658
NW22 (PFO1E/PSS1E)	Temporary	3057
NW24 (PEM1F/PSS1E/PFO1E)	Temporary	5888



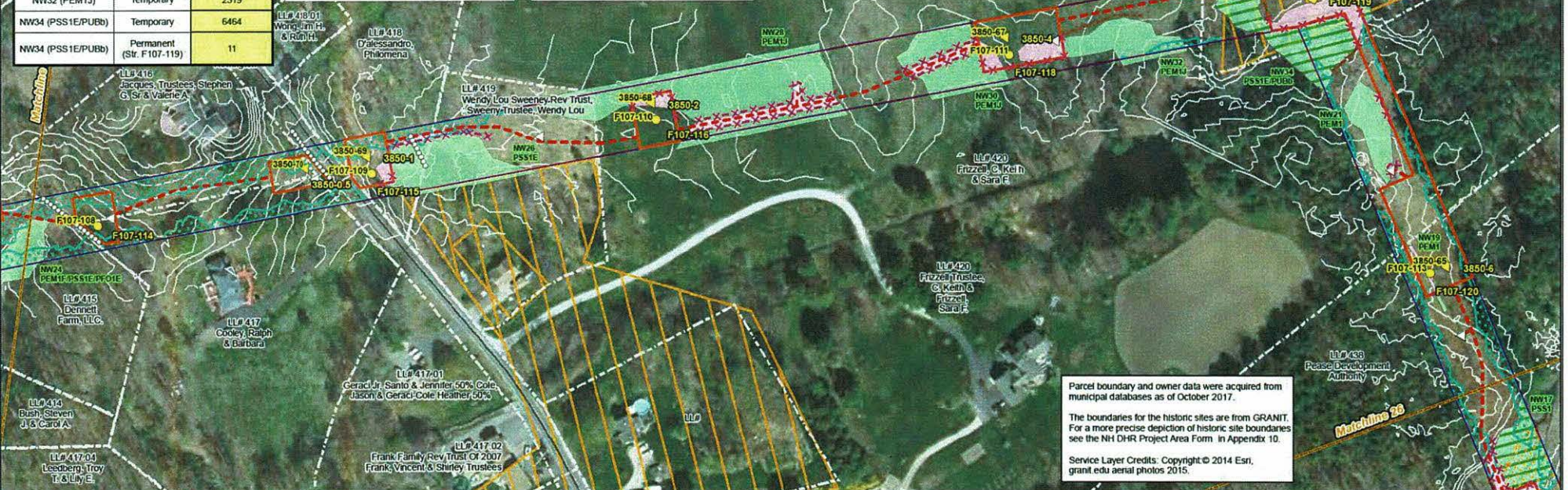
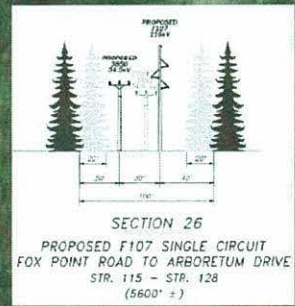
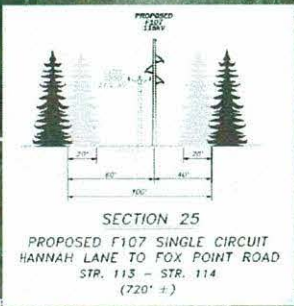
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
Service Layer Credits: Copyright © 2014 Esri, granit.edu aerial photos 2015.

<p>Drawn By: dpeddler Date: 7/29/2018 Project No: 22880_003</p>	<p><b>Approximate Parcel Boundary</b></p> <ul style="list-style-type: none"> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> </ul> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<p><b>Existing Str (Remain)</b></p> <ul style="list-style-type: none"> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<p><b>Stream Centerline</b></p> <ul style="list-style-type: none"> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> </ul>	<p><b>Structures</b></p> <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul>	<p>&lt;&lt; all other values &gt;&gt;</p>
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**Seacoast Reliability Project**

**Revised Environmental Maps**

Wetland ID	Impact Type	Area (Sq. Ft.)
NW17 (PSS1)	Temporary	4507
NW19 (PEM1)	Temporary	388
NW19 (PEM1)	Permanent (Str. F107-120)	0
NW21 (PEM1)	Temporary	252
NW26 (PSS1E)	Temporary	1530
NW28 (PEM1J)	Temporary	5391
NW28 (PEM1J)	Permanent (Str. 3850-2)	20
NW30 (PEM1J)	Temporary	3056
NW32 (PEM1J)	Temporary	2319
NW34 (PSS1E/PUBB)	Temporary	6464
NW34 (PSS1E/PUBB)	Permanent (Str. F107-119)	11



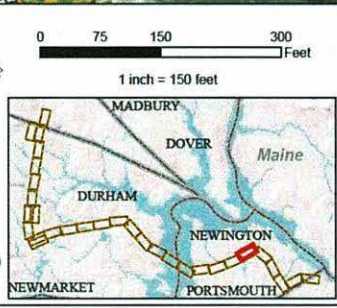
Parcel boundary and owner data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

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Drawn By: Spaldiner  
Date: 7/29/2018  
Project No: 22880-003

<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;&lt;all other values&gt;&gt;</li> <li>Structures <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>
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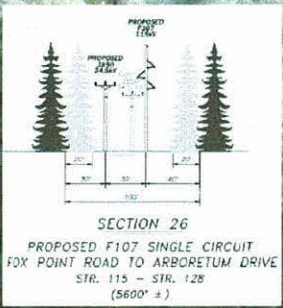
## Seacoast Reliability Project

### Revised Environmental Maps

7/16/18



Wetland ID	Impact Type	Area (Sq. Ft.)
NS50 (R4SB2)	Temporary	327
NW11 (PSS1/PEM1)	Temporary	13147
NW11 (PSS1/PEM1)	Permanent (Str. F107-123)	113
NW11 (PSS1/PEM1)	Permanent (Str. 3850-9)	20
NW13 (PEM1/POW)	Temporary	211
NW17 (PSS1)	Temporary	4507
NW9 (PEM1)	Temporary	12399
NW9 (PEM1)	Permanent (Str. F107-124)	113
NW9 (PEM1)	Permanent (Str. 3850-10)	20



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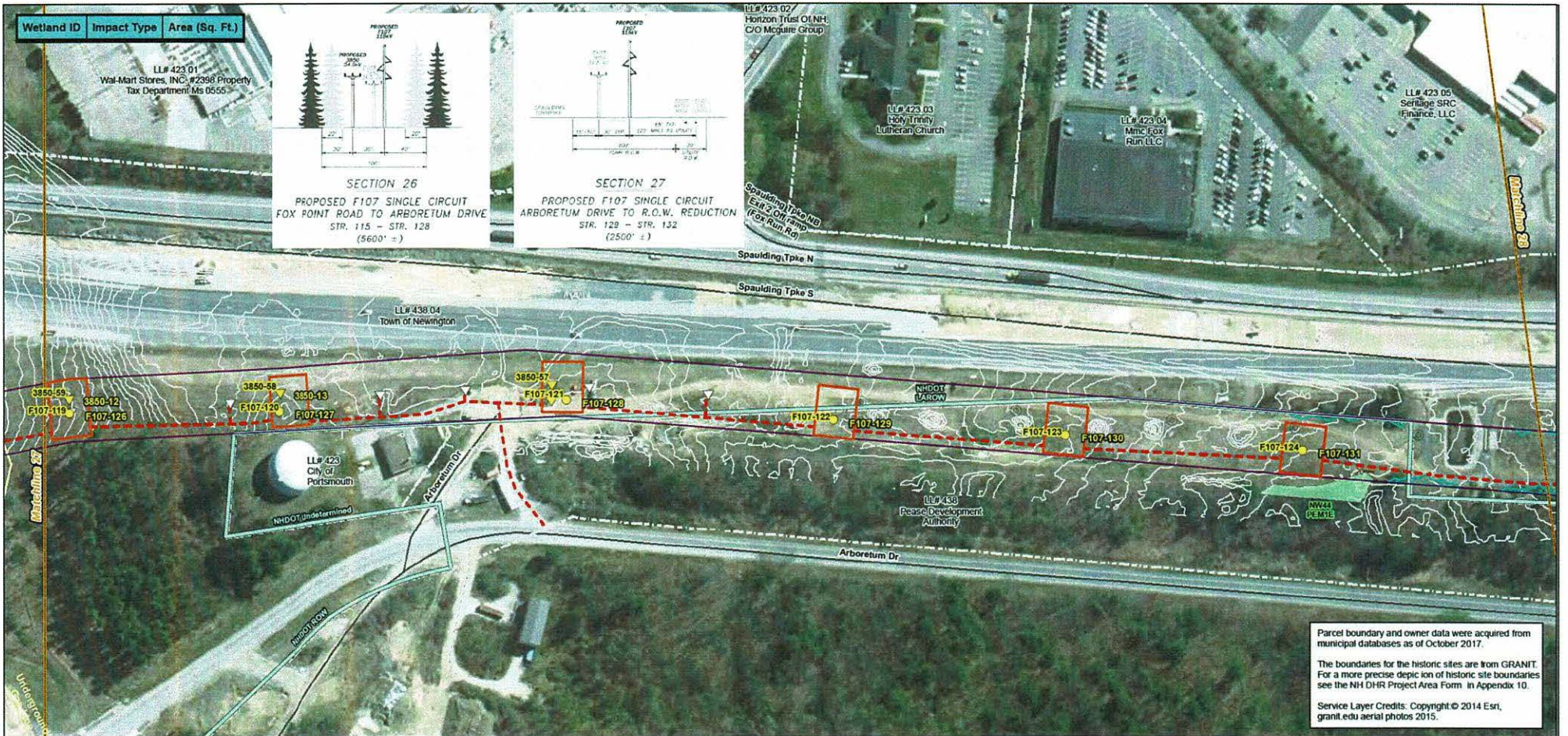
Drawn By: dpelletier  
Date: 7/25/2018  
Project No: 22980.003

<ul style="list-style-type: none"> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Project Corridor</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> <li> Access Road</li> <li> Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Underground Cable</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetland</li> <li> Prime Wetland</li> <li> Wetland Impact (PERM)</li> <li> Wetland Impact (TEMP)</li> <li> Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li> Stream Centerline</li> <li> Stream Top of Bank</li> <li> Temporary Culvert</li> <li> Stonewall alignment</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Historical Sites</li> <li> Designated River Buffer 250'</li> <li> Conservation Lands</li> <li> 100 Year Floodplain</li> <li><b>F107-107 Permitting Structure #s</b></li> <li><b>F107-107 Construction Structure #s</b></li> <li><b>DWS6 PSS1</b> Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li> &lt;all other values&gt;</li> <li><b>Structures</b></li> <li> Direct Embed</li> <li> Drilled Pier</li> <li> Relocated Distribution</li> <li> Tree Clearing</li> <li> Steep Slope BMPs</li> <li> Stream Buffer</li> <li> 2ft Contour</li> <li> Tidal Buffer Zone</li> <li> Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li> Mean Lower Low Water</li> </ul>
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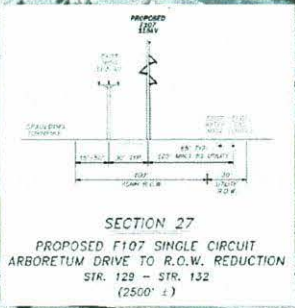
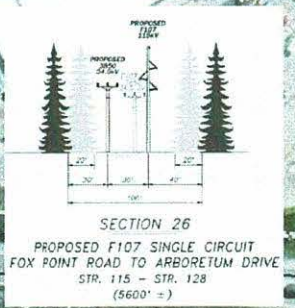
Scale: 1 inch = 150 feet

## Seacoast Reliability Project

### Revised Environmental Maps



Wetland ID	Impact Type	Area (Sq. Ft.)
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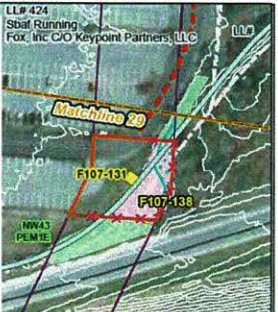
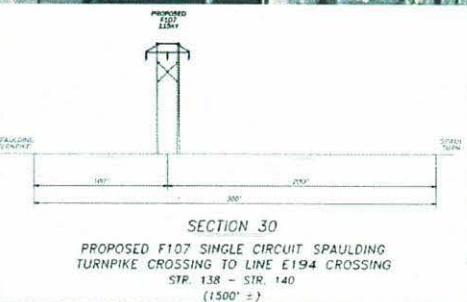
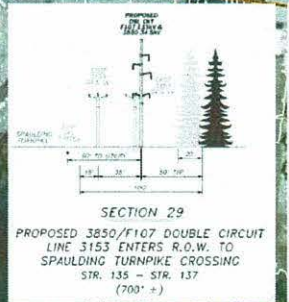
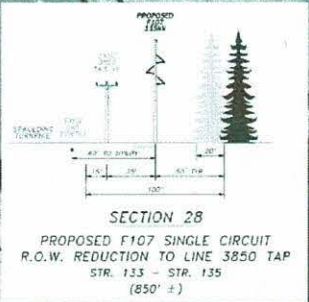
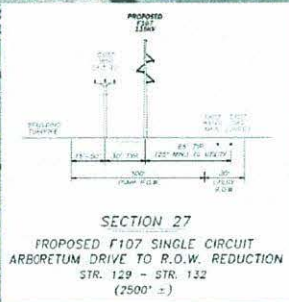
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, granti aerial photos 2015.

<p>Drawn By: dpelelier          Date: 7/25/2018          Project No: 22980.003</p>	<p><b>Approximate Parcel Boundary</b></p> <ul style="list-style-type: none"> <li> PSNH Fee Area</li> <li> Project Corridor</li> <li> Work Pad</li> </ul> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> <li> Access Road</li> <li> Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Underground Cable</li> <li> Temporary Culvert</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetland</li> <li> Prime Wetland</li> <li> Wetland Impact (PERM)</li> <li> Wetland Impact (TEMP)</li> <li> Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li> Stream Centerline</li> <li> Stream Top of Bank</li> <li> Temporary Culvert</li> <li> Stonewall alignment</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Historical Sites</li> <li> Designated River Buffer 250'</li> <li> Conservation Lands</li> <li> 100 Year Floodplain</li> </ul> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Construction Structure #s</b></p> <p><b>DW56 PS51 Wetland Number &amp; Cover Type</b></p>	<p>&lt;all other values&gt;</p> <p><b>Structures</b></p> <ul style="list-style-type: none"> <li> Direct Embed</li> <li> Drilled Pier</li> <li> Relocated Distribution</li> <li> Steep Slope BMPs</li> <li> Tree Clearing</li> <li> Stream Buffer</li> <li> 2ft Contour</li> <li> Tidal Buffer Zone</li> <li> Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li> Mean Lower Low Water</li> </ul>	<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>
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## Seacoast Reliability Project

### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
NW1 (PEM1/SS1)	Permanent (Str. F107-135)	20
NW1 (PEM1/SS1)	Temporary	6583
NW3 (PEM1/SS1)	Temporary	1256
NW3 (PEM1/SS1)	Temporary	4885
NW3 (PEM1/SS1)	Permanent (Str. F107-133)	20
NW43 (PEM1E)	Temporary	4101
NW43 (PEM1E)	Permanent (Str. F107-138)	0
NW45 (PEM1/SS1B)	Temporary	14112



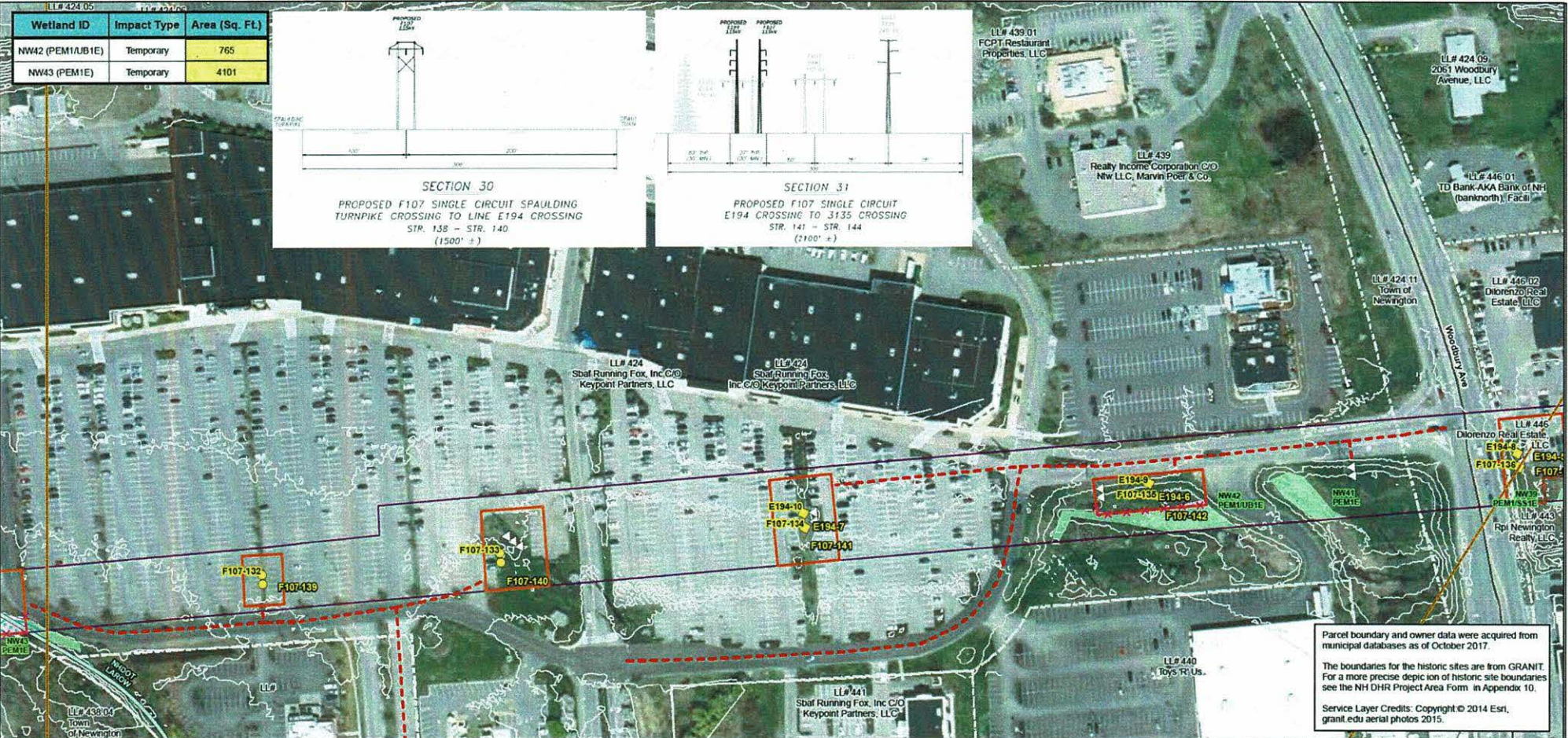
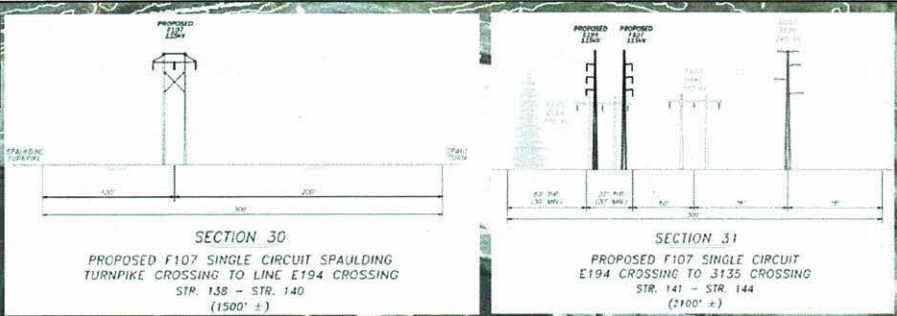
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Drawn By: dpelleiter Date: 7/25/2018 Project No: 22890.003</p>	<p><b>Approximate Parcel Boundary</b></p> <ul style="list-style-type: none"> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> </ul> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>Permitting Structure #s</li> <li>Construction Structure #s</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures</li> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4R Contour)</li> <li>Mean Lower Low Water</li> </ul>	<p>Scale: 1 inch = 150 feet</p> <p>0 75 150 300 Feet</p>
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## Seacoast Reliability Project

### Revised Environmental Maps

Wetland ID	Impact Type	Area (Sq. Ft.)
NW42 (PEM1/UB1E)	Temporary	765
NW43 (PEM1E)	Temporary	4101



Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
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 Service Layer Credits: Copyright © 2014 Esri, granit aerial photos 2015.

<p>Drawn By: dpeteler Date: 7/25/2018 Project No: 22660_003</p>	<ul style="list-style-type: none"> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> <li>Access Road</li> <li>Access Rd. Pending Owner Approval</li> </ul> </li> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Town Boundary</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>F107-107 Permitting Structure #s</li> <li>F107-107 Construction Structure #s</li> <li>DW56 Wetland Number &amp; Cover Type</li> <li>PSS1</li> </ul>	<ul style="list-style-type: none"> <li>&lt;all other values&gt;</li> <li>Structures               <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> </ul> </li> </ul>	<p>Scale: 1 inch = 150 feet</p>
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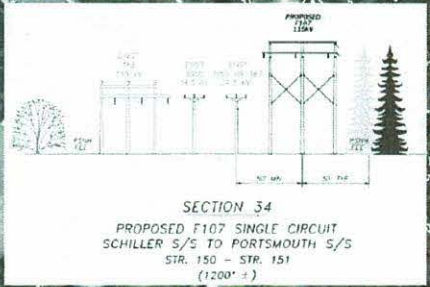
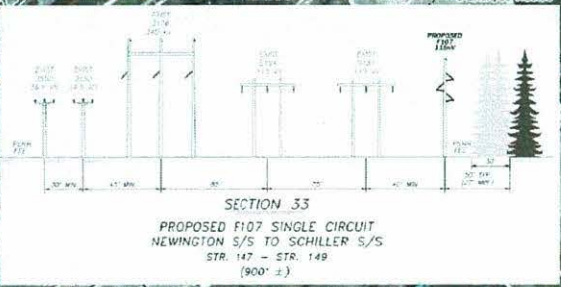
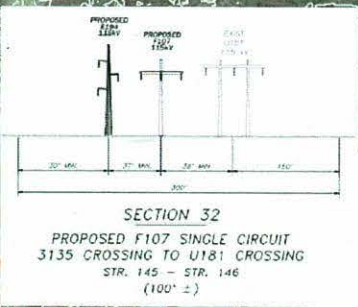
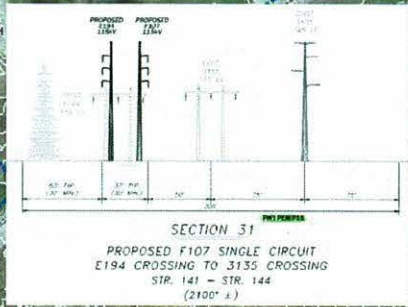
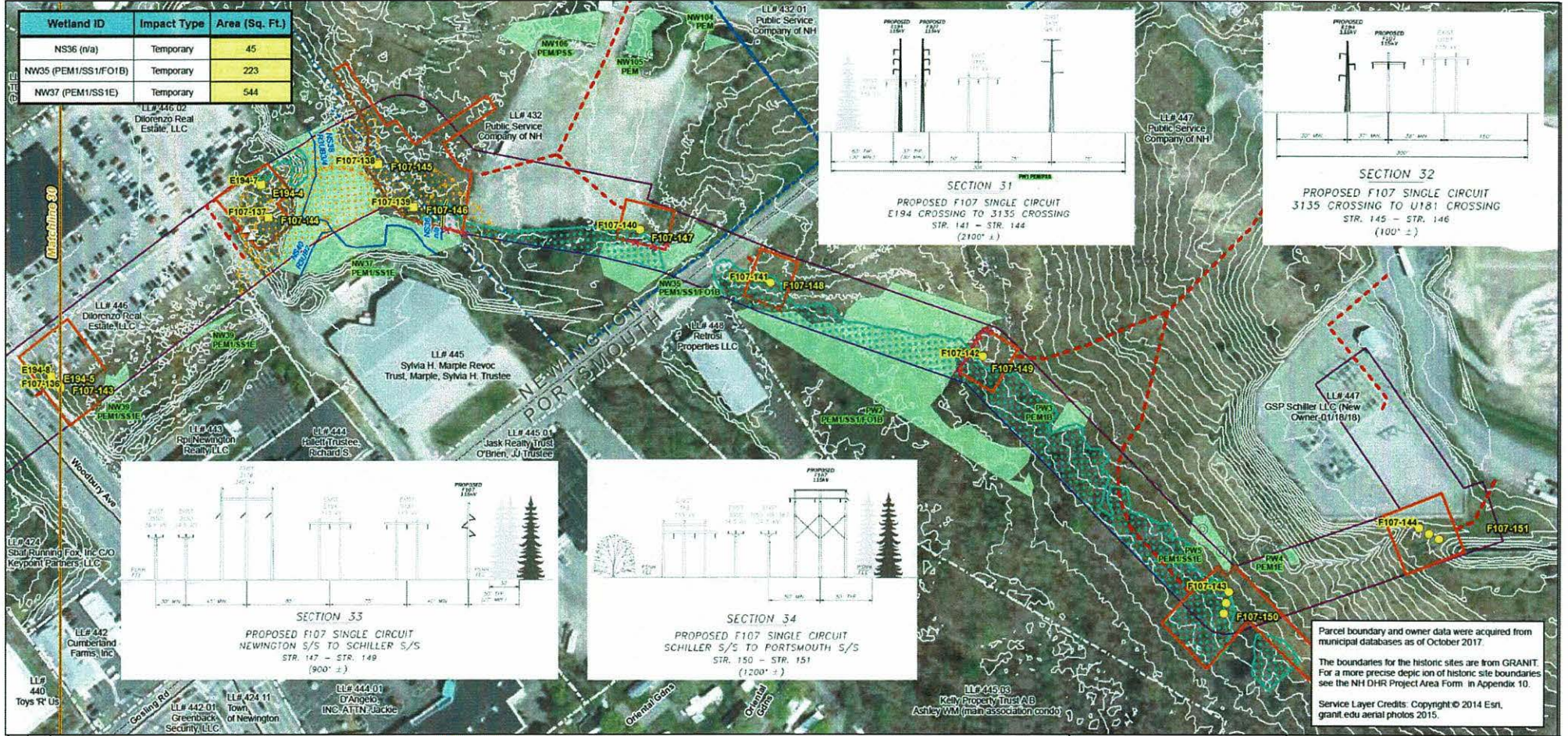
**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Revised Environmental Maps**

Wetland ID	Impact Type	Area (Sq. Ft.)
NS36 (n/a)	Temporary	45
NW35 (PEM1/SS1/FO1B)	Temporary	223
NW37 (PEM1/SS1E)	Temporary	544



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 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<p>Drawn By: dpedalier          Date: 7/25/2018          Project No: 22860_003</p>	<ul style="list-style-type: none"> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Project Corridor</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> <li> Access Road</li> <li> Access Rd. Pending Owner Approval</li> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Underground Cable</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetland</li> <li> Prime Wetland</li> <li> Wetland Impact (PERM)</li> <li> Wetland Impact (TEMP)</li> <li> Town Boundary</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> <li> Temporary Culvert</li> <li> Stonewall alignment</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Historical Sites</li> <li> Designated River Buffer 250'</li> <li> Conservation Lands</li> <li> 100 Year Floodplain</li> <li> F107-107 Permitting Structure #s</li> <li> F107-107 Construction Structure #s</li> <li> Wetland Number &amp; Cover Type</li> <li> &lt;all other values&gt;</li> <li><b>Structures</b></li> <li> Direct Embed</li> <li> Drilled Pier</li> <li> Relocated Distribution</li> <li> Tree Clearing</li> <li> Stream Buffer</li> <li> 2ft Contour</li> <li> Tidal Buffer Zone</li> <li> Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li> Mean Lower Low Water</li> </ul>	<p>Scale: 1 inch = 150 feet</p>
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## Seacoast Reliability Project

### Revised Environmental Maps