



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

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# PUBLIC NOTICE

**Comment Period Begins:** APRIL 23, 2019  
**Comment Period Ends:** MAY 8, 2019  
**File Number:** NAE-2015-00665  
**In Reply Refer To:** Lindsey Lefebvre  
**Phone:** (978) 318-8295  
**E-mail:** Lindsey.E.Lefebvre@usace.army.mil

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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. 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:

- Permit, license or assent from State.
- Permit from local wetland agency or conservation commission.
- 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 the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

CENAE-R  
FILE NO. NAE-2015-00665

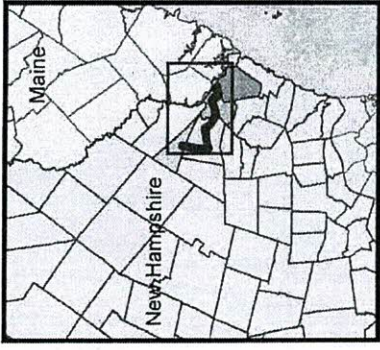
THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



**Frank J. Delgiudice**  
**Deputy Chief**  
**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



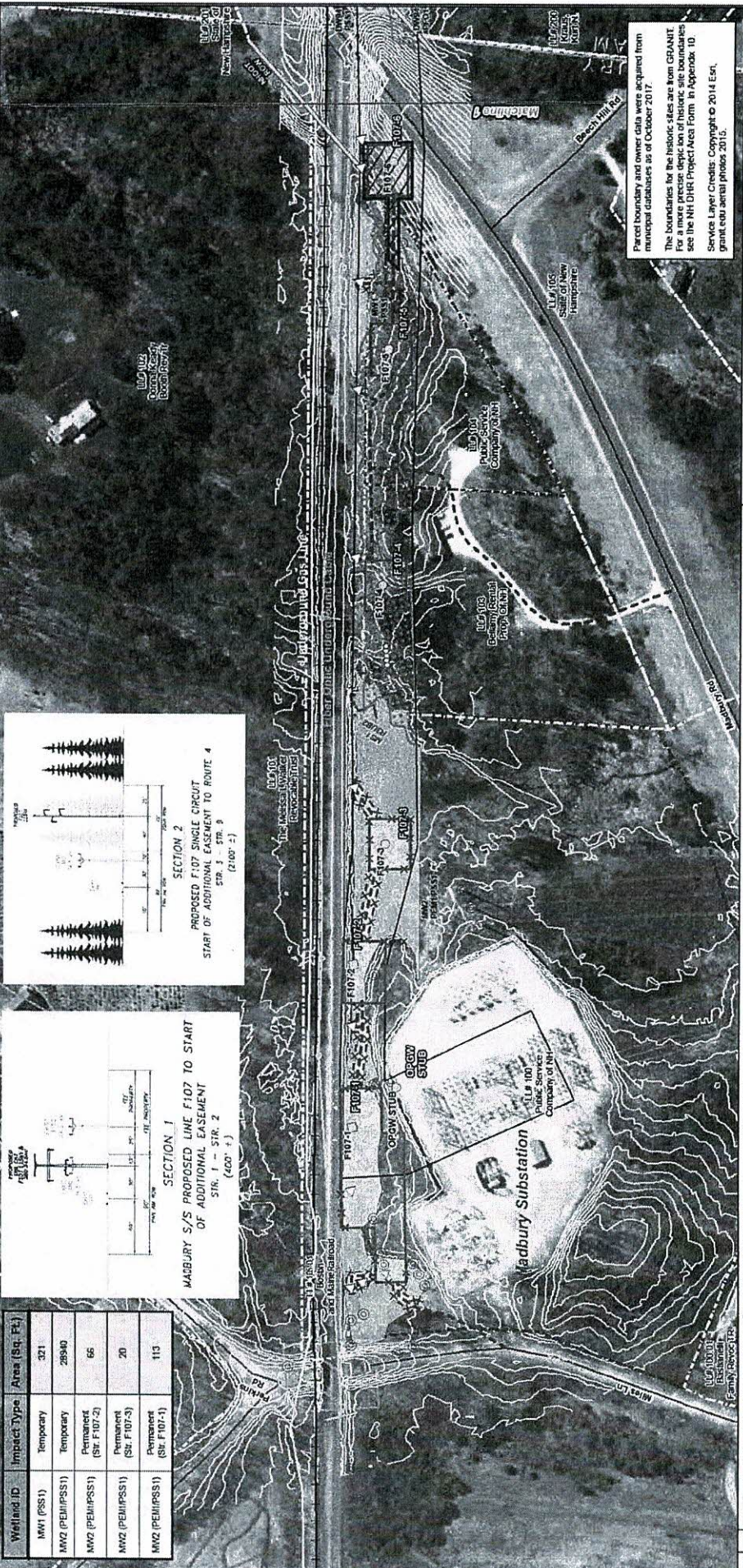
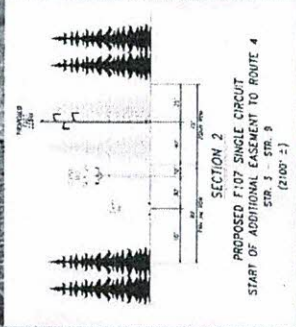
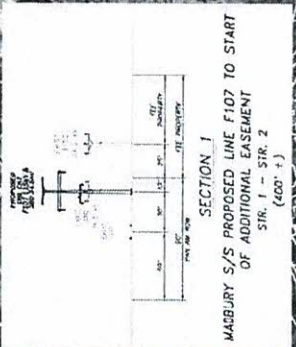
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**EVERSOURCE**  
ENERGY



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Wetland ID	Impact Type	Area (Sq. Ft.)
MW1 (PSS1)	Temporary	321
MW2 (PEN/PPSS1)	Temporary	28940
MW2 (PEN/PPSS1)	Permanent (Str. F107-2)	66
MW2 (PEN/PPSS1)	Permanent (Str. F107-3)	20
MW2 (PEN/PPSS1)	Permanent (Str. F107-1)	113

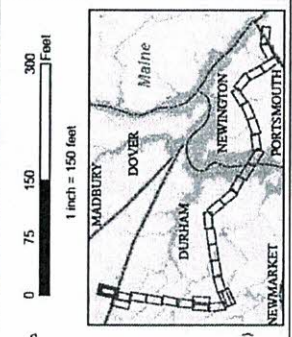


The boundaries for the historic sites are from GRANIT for the historic site boundaries. For more information see the NH DHR Project Area Form # Appendix 1B Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

**Seacoast Reliability Project**  
**Revised Environmental Maps**

**EVERSOURCE ENERGY**

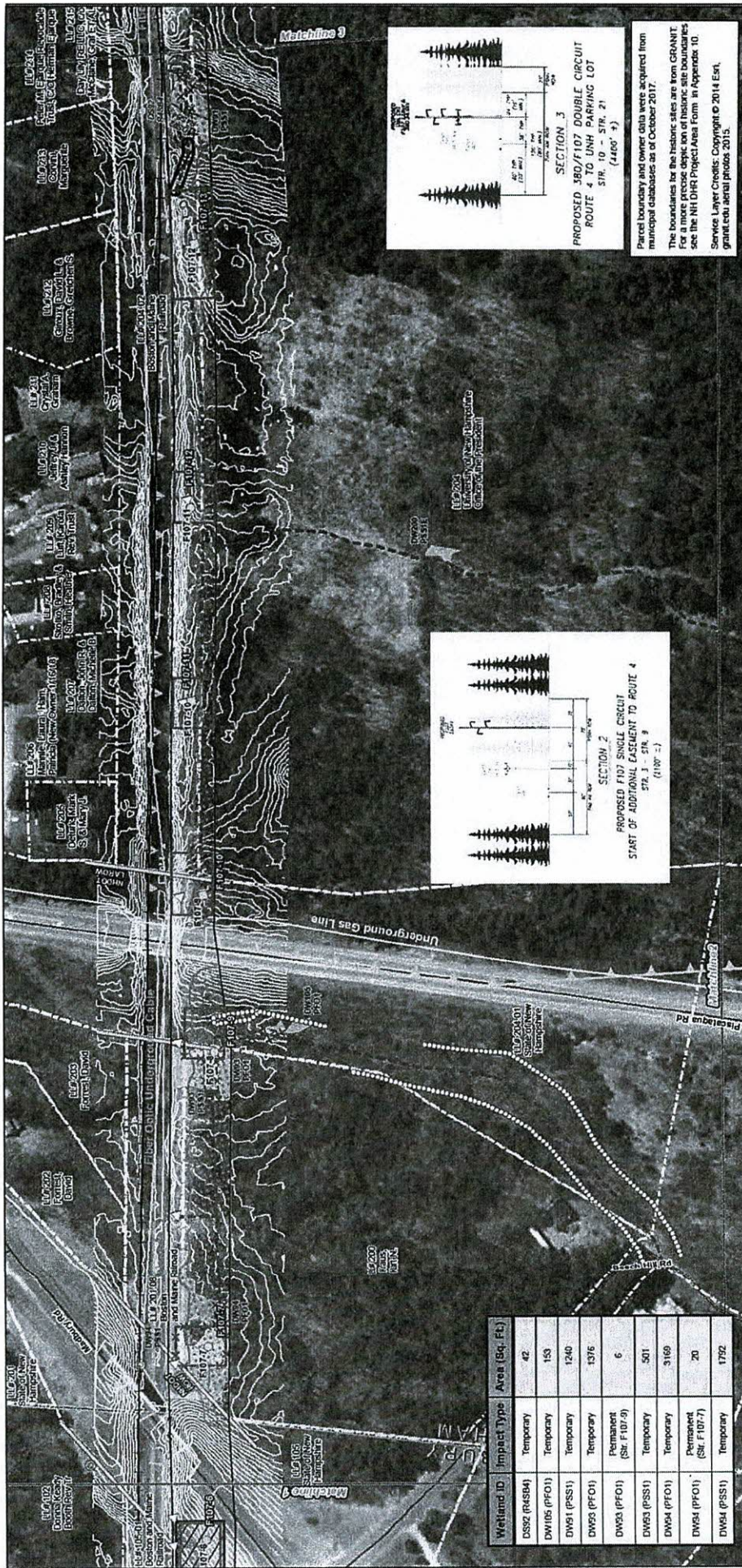
**NORMANDEAU ASSOCIATES**  
 Environmental Consultants



**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
- Hay Bale, Erosion Control Mat Barn
- Straw Wattle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- 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
- Stream Embankment
- Drilled Pier
- Relocated Distribution
- Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Tidal Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water

Drawn By: dpeletier  
 Date: 7/25/2018 Project No: 22680.003



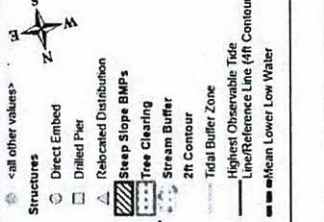
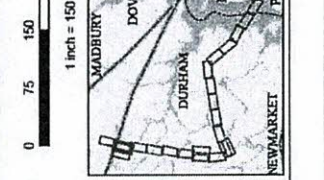
Wetland ID	Impact Type	Area (Sq. Ft.)
DS52 (R4S84)	Temporary	42
DW105 (PFO1)	Temporary	153
DW51 (PSS1)	Temporary	1240
DW55 (PFO1)	Temporary	1376
DW53 (PFO1)	Permanent (SR F107-9)	6
DW53 (PSS1)	Temporary	501
DW54 (PFO1)	Temporary	3169
DW54 (PFO1)	Permanent (SR F107-7)	20
DW54 (PSS1)	Temporary	1732

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.

**Seacoast Reliability Project**  
**Revised Environmental Maps**

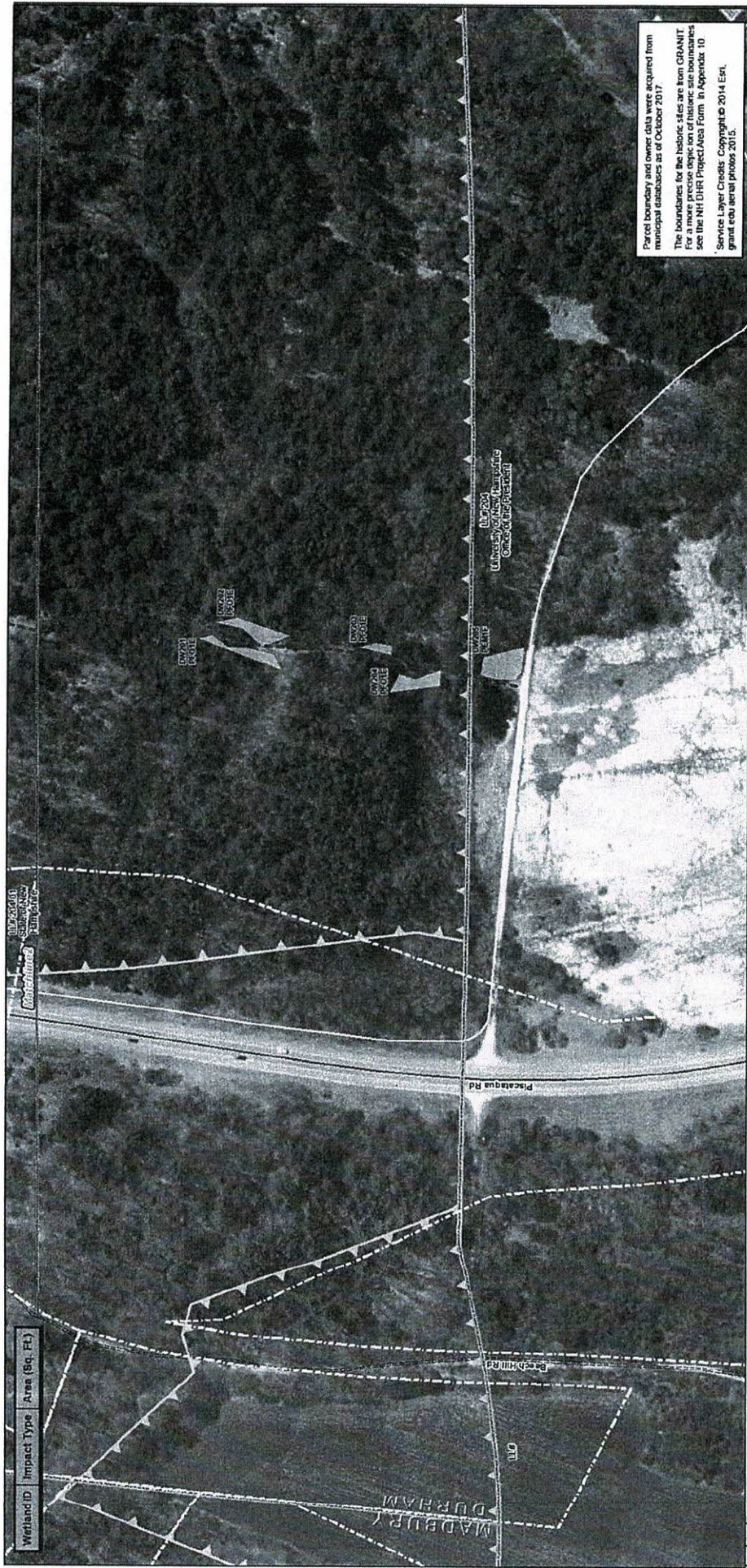
**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
 Environmental Consultants



**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- State
- Railroad
- Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- X-X Straw Wattle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Tom Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Access/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
- PSNH Wetland Number & Cover Type
- Structures
- Direct Embed
- Drilled Pier
- Relocated Pier
- Steep Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Tidal Buffer Zone
- Highest Observable Tide
- Line/Reference Line (4ft Contour)
- Mean Lower Low Water
- Underground Gas Line
- Matchline 1
- Matchline 2
- Underground Gas Line
- Matchline 3
- Matchline 4
- Matchline 5
- Matchline 6
- Matchline 7
- Matchline 8
- Matchline 9
- Matchline 10
- Matchline 11
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- Matchline 50



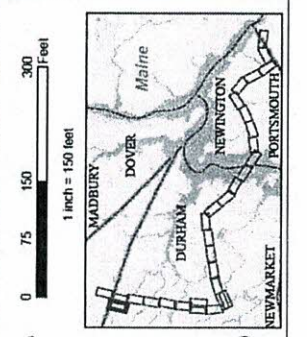
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 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

**Seacoast Reliability Project**  
**Revised Environmental Maps**

SARAH D. ALLEN  
 No. 088  
 GEORGETOWN, N.H.

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
 Environmental Consultants



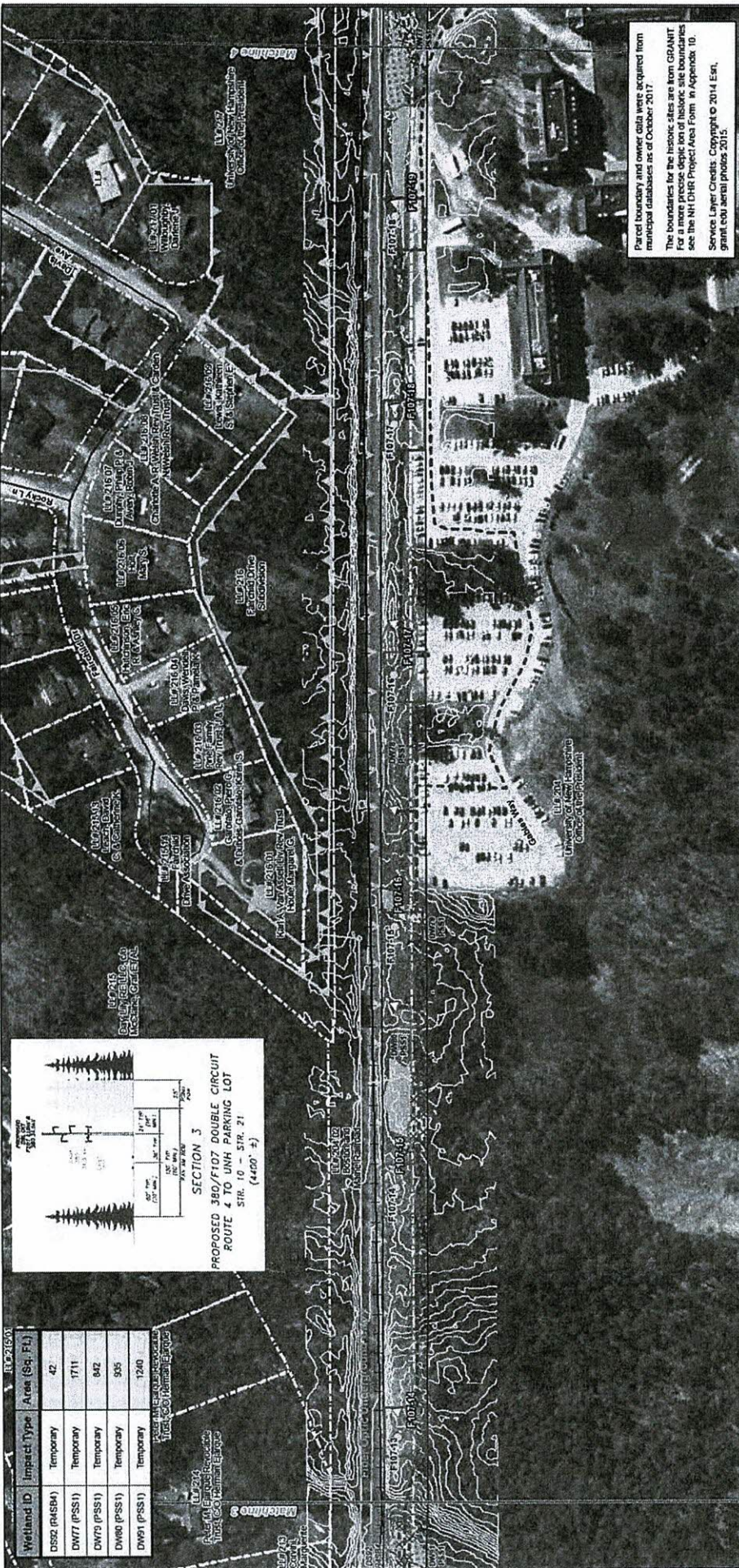
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- Wetland/D Impact Type Area (Sq. Ft.)**
- Approximate Parcel Boundary**
- PSNH Fee Area**
- Project Corridor**
- Work Pad**
- Roads**
- Local**
- Not Maintained**
- Private**
- State**
- Railroad**
- Access Road**
- Approval**
- Existing Str (Remain)**
- Existing Str (Removed/Modified)**
- Underground Cable**
- Silt-Cerain**
- Silt Fence, Hay Bale, Erosion Control Mix Berm**
- Straw Waste**
- Wetland**
- Prime Wetland**
- Wetland Impact (PERM)**
- Wetland Impact (TEMP)**
- Town Boundary**
- Stream Centerline**
- Stream Top of Bank**
- Temporary Culvert**
- Stonewall alignment**
- Temporary Max 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**
- Dilled Pier**
- Rehabilitated Distribution**
- Steep Slope BMP's**
- Tree Clearing**
- Stream Buffer**
- 2ft Contour**
- Tidal Buffer Zone**
- Highest Observable Tide Line (4ft Contour)**
- Mean Lower Low Water**

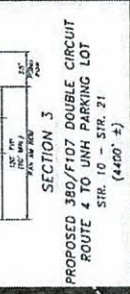
Drawn By: dpelletier  
 Date: 7/25/2018  
 Project No: 22860.003







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

Wetland ID	Impact Type	Area (Sq. Ft.)
D552 (RASB4)	Temporary	42
DW77 (PSS1)	Temporary	1711
DW70 (PSS1)	Temporary	842
DW80 (PSS1)	Temporary	935
DW91 (PSS1)	Temporary	1240



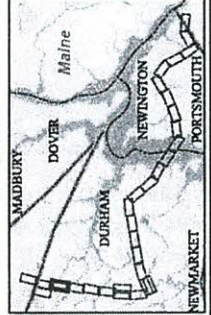
## Seacoast Reliability Project

### Revised Environmental Maps

Scale: 1 inch = 150 feet

0 75 150 300 Feet



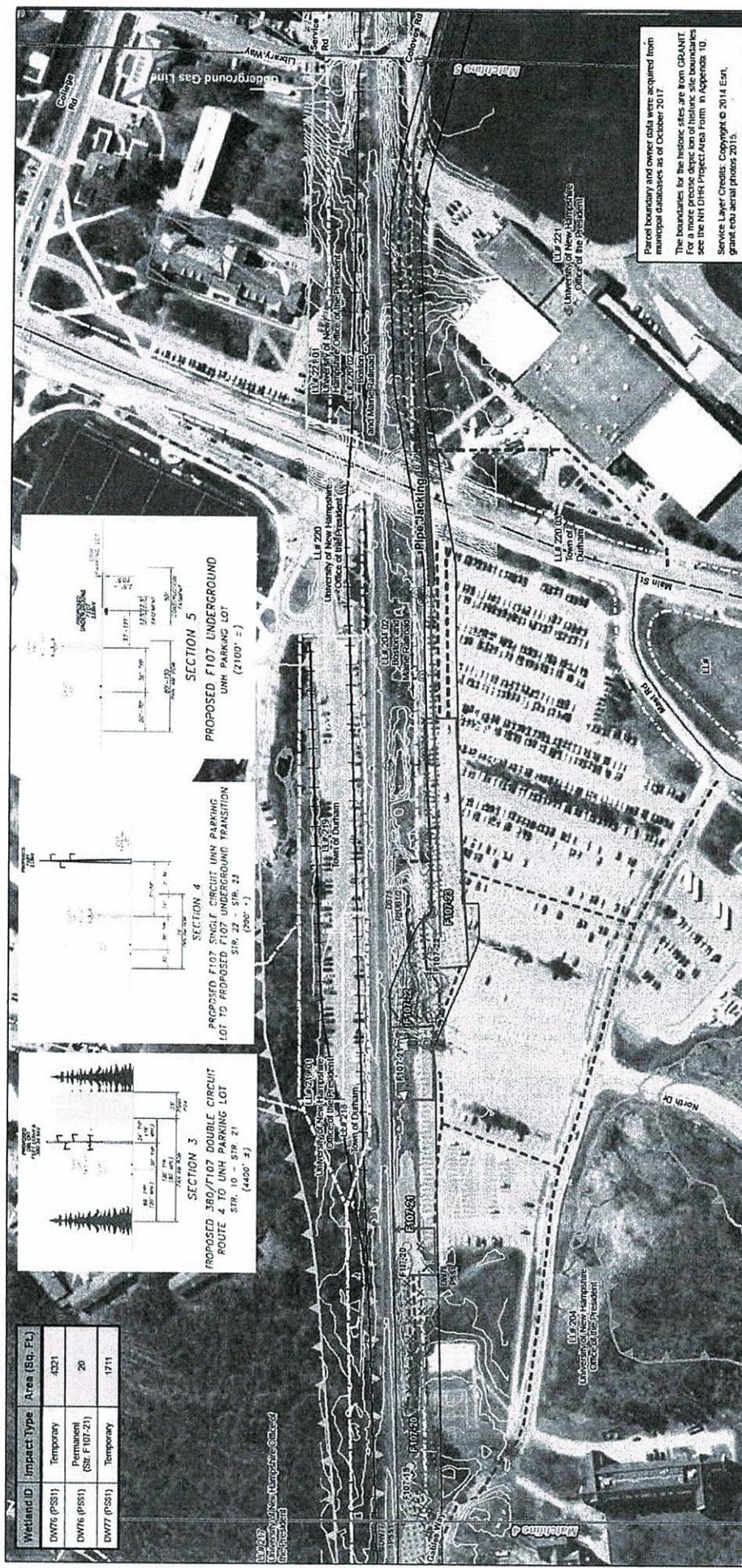
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- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Private
- Not Maintained
- State
- Railroad
- Access Road
- Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Free, 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
- Stone/Retaining Wall
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Designated River Buffer 250'
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- F-107-107 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 (4ft Contour)
- Mean Lower Low Water

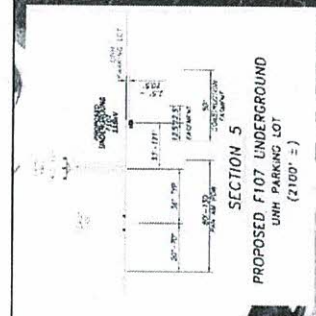
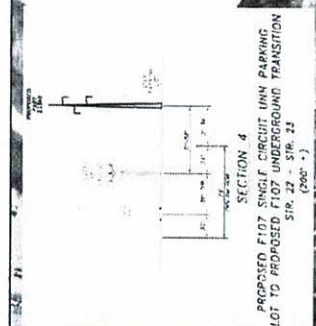
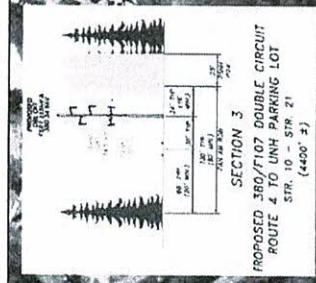
Drawn By: dpelletier

Date: 7/25/2018 Project No: 22860.003

7/16/18



Wetland ID	Impact Type	Area (Sq. Ft.)
DW76 (PSS1)	Temporary	421
DW76 (PSS1)	Permanent (SF F107-21)	20
DW77 (PSS1)	Temporary	171



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 sites, see the NH DHR Project Area Form in Appendix 10. Service Layer Credits: Copyright © 2014 Esri, Garmin, GeoEye, AeroMap, etc.

# Seacoast Reliability Project

## Revised Environmental Maps

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

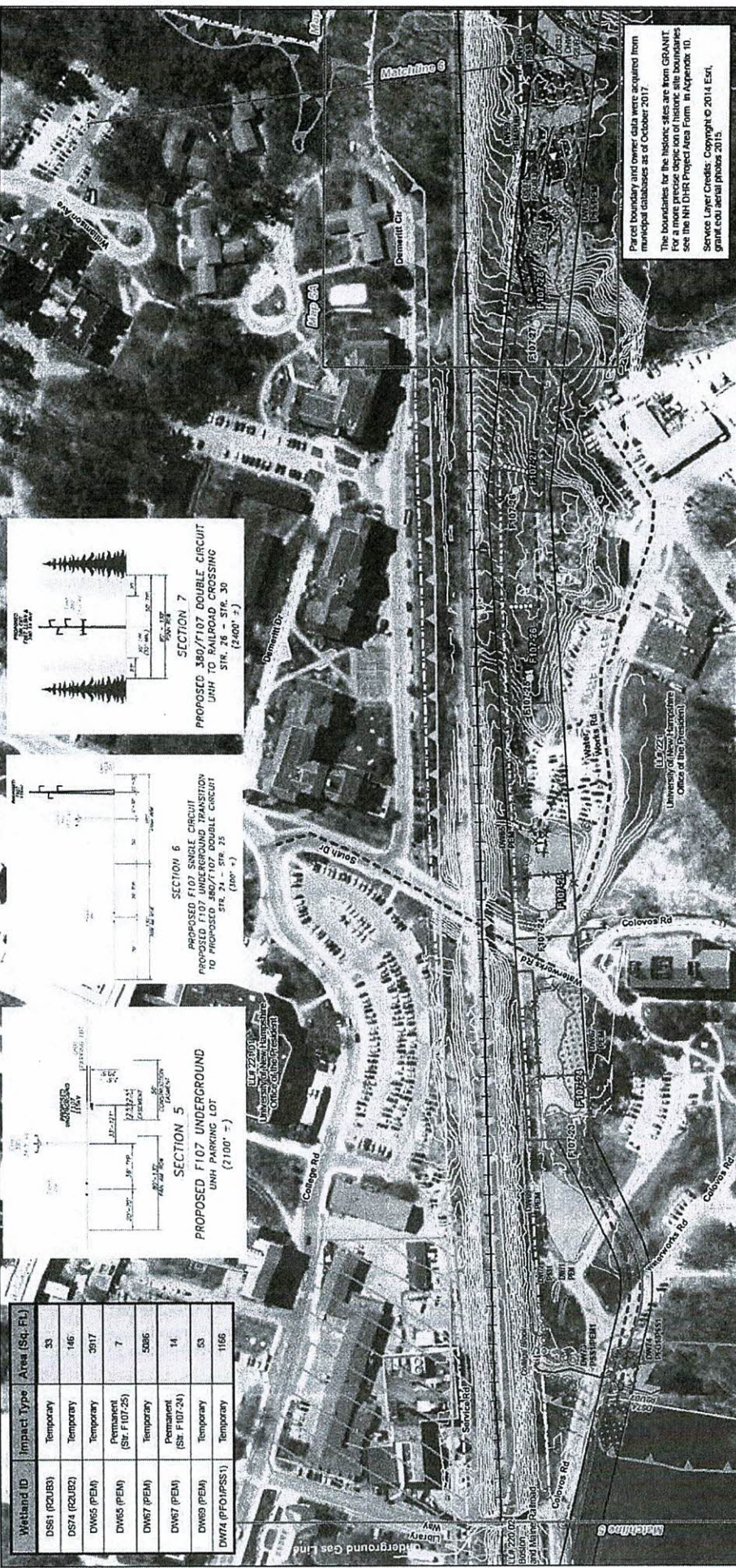
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**Legend:**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads: Local, Not Maintained, Private, State
- Access Road
- Approval
- Edging 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
- Stream/Stone Wall Alignment
- Temporary Mat Bridge
- NH DOT Right-of-Way
- Historical Sites
- Designated River Buffer 250'
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- Permitting Structure #s F107-107
- Wetland Number & PSS1 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 (ft Contour)
- Mean Lower Low Water

Drawn By: dpelleter  
Date: 7/25/2018 Project No: 22860.003

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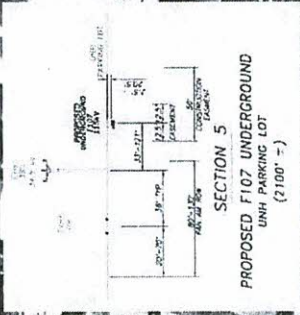
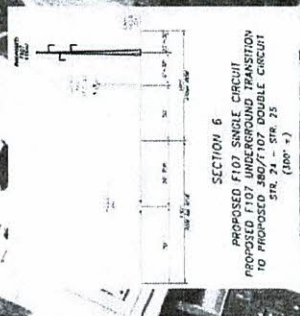
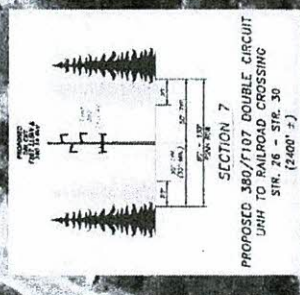


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Service Layer Credits: Copyright © 2014 Esri, granite.com aerial photos 2015

Wetland ID	Impact Type	Area (Sq. Ft.)
DS81 (POLUB3)	Temporary	33
DS74 (COLUB2)	Temporary	146
DW65 (PEM)	Temporary	3917
DW65 (PEM)	Permanent (Str. F 107-25)	7
DW67 (PEM)	Temporary	5086
DW67 (PEM)	Permanent (Str. F 107-24)	14
DW69 (PEM)	Temporary	53
DW74 (FOU/ISS1)	Temporary	1166



## Seacoast Reliability Project

### Revised Environmental Maps

SARAH D. ALLEN  
GOVERNOR  
NO. 0083

# EVERSOURCE ENERGY

7/16/15

Map 6 of 31

**Legend**

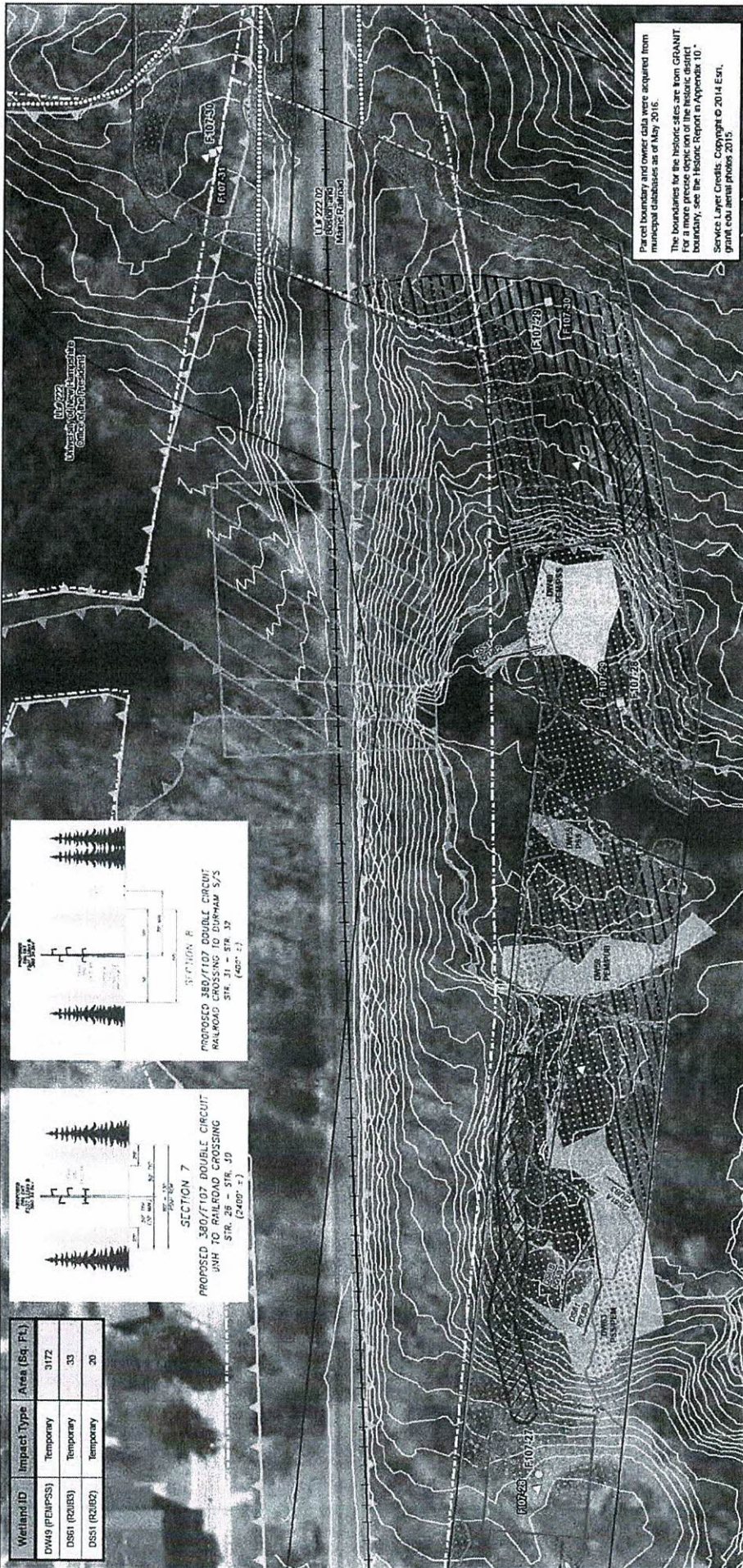
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- Silt Fence, Hay Bale, Erosion Control Mix Berm
- Wet-bed
- Prime Wetland
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- Relocated Distribution
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- 2ft Contour
- Tidal Buffer Zone
- Highest Observable Tide
- Line/Reference Line (all Contour)
- Mean Lower Low Water

Drawn By: dpelleter

Date: 7/25/2018

Project No: 22860.003


Path: J:\Projects\SHI\_F107\MapDocs\_Map06\_Supplemental.mxd



Wetland ID	Impact Type	Area (Sq. Ft.)
DW49 (PENPSS)	Temporary	3172
DS61 (R2UBS)	Temporary	33
DSS1 (R2UB2)	Temporary	20


**Seacoast Reliability Project**


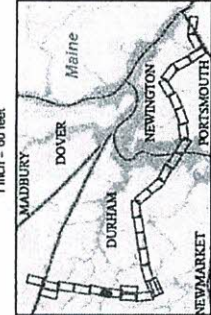
**Revised Environmental Maps**



Map 6A of 31  
7/16/18

**EVERSOURCE ENERGY**



**Structures**

- Direct Embed
- Drilled Pier
- △ Relocated Distribution
- ▨ 100 Year Floodplain
- ▨ Steep Slope BMPs
- ▨ Tree Clearing
- ▨ Stream Buffer
- ▨ 2ft Contour
- ▨ Highest Observable Tide Line/Reference Line (4ft Contour)

**Stream Centerline**

- Stream Top of Bank
- Temporary Culvert
- Stone Wall
- Temporary Mat Bridge
- NH DOT Right-of-Way
- Historical Sites
- Designated River Buffer 250'
- Conservation Lands
- F107-107 Permitting Structure #s
- F107-107 Construction Structure #s

**Other Features**

- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control/Mix Berm
- Straw Wattle
- Welland
- Prime Welland
- Welland Impact (TEMP)
- Town Boundary

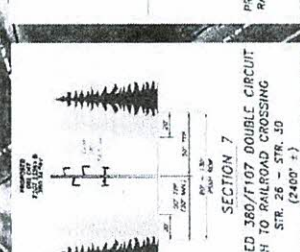
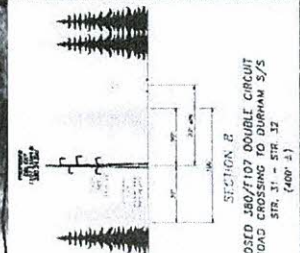
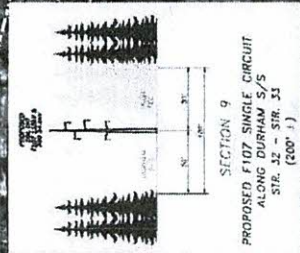
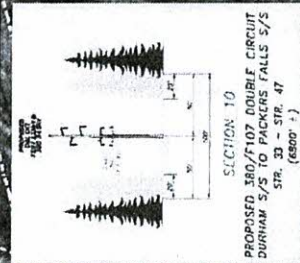
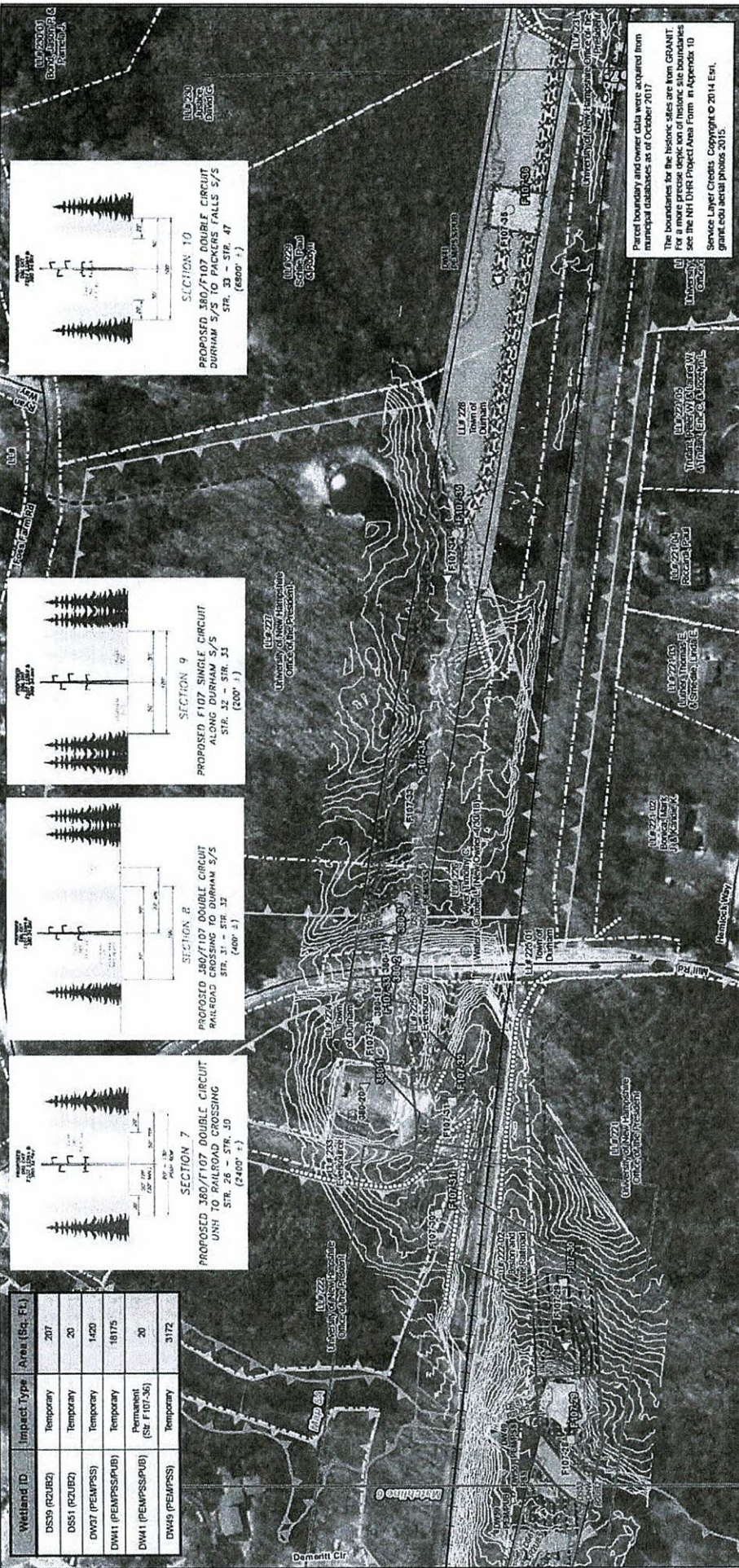
**Other Features**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- State
- Railroad
- Workpad/Access
- Access Pending Owner Approval

**DWS: Wetland Number & Cover Type**

Drawn By: dpelleier  
Date: 7/17/2018  
Project No: 22860.003

Part: J:\Project\PSNH\_F107\XD\SRP\_Map\SR\_Supplemental\_004A.mxd



Wetland ID	Impact Type	Area (Sq. Ft.)
DS39 (R2UBZ)	Temporary	207
DS51 (R2UBZ)	Temporary	20
DW97 (PEMPSS)	Temporary	1420
DW41 (PEMPSS/AUB)	Temporary	1875
DW41 (PEMPSS/AUB)	Permanent (Str F 107-36)	20
DW49 (PEMPSS)	Temporary	3172

Parcel boundary and owner data were gathered from the boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DNR Project Area Form in Appendix 10 Service Layer Credits Copyright © 2014 Esri, grant.edu aerial photos 2015.

## Seacoast Reliability Project

### Revised Environmental Maps

SARAH D. ALLEN  
No. 063  
SEAL

Environmental Consultants

Scale: 1 inch = 150 feet

0 75 150 300 Feet

**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Private
- State
- Railroad
- Access Road
- Approval

- Stream Centreline
- Stream Top of Bank
- Temporary Culvert
- Stonewall alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- Construction Structure #s
- Wetland Number & Cover Type

- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- Straw Waste
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary

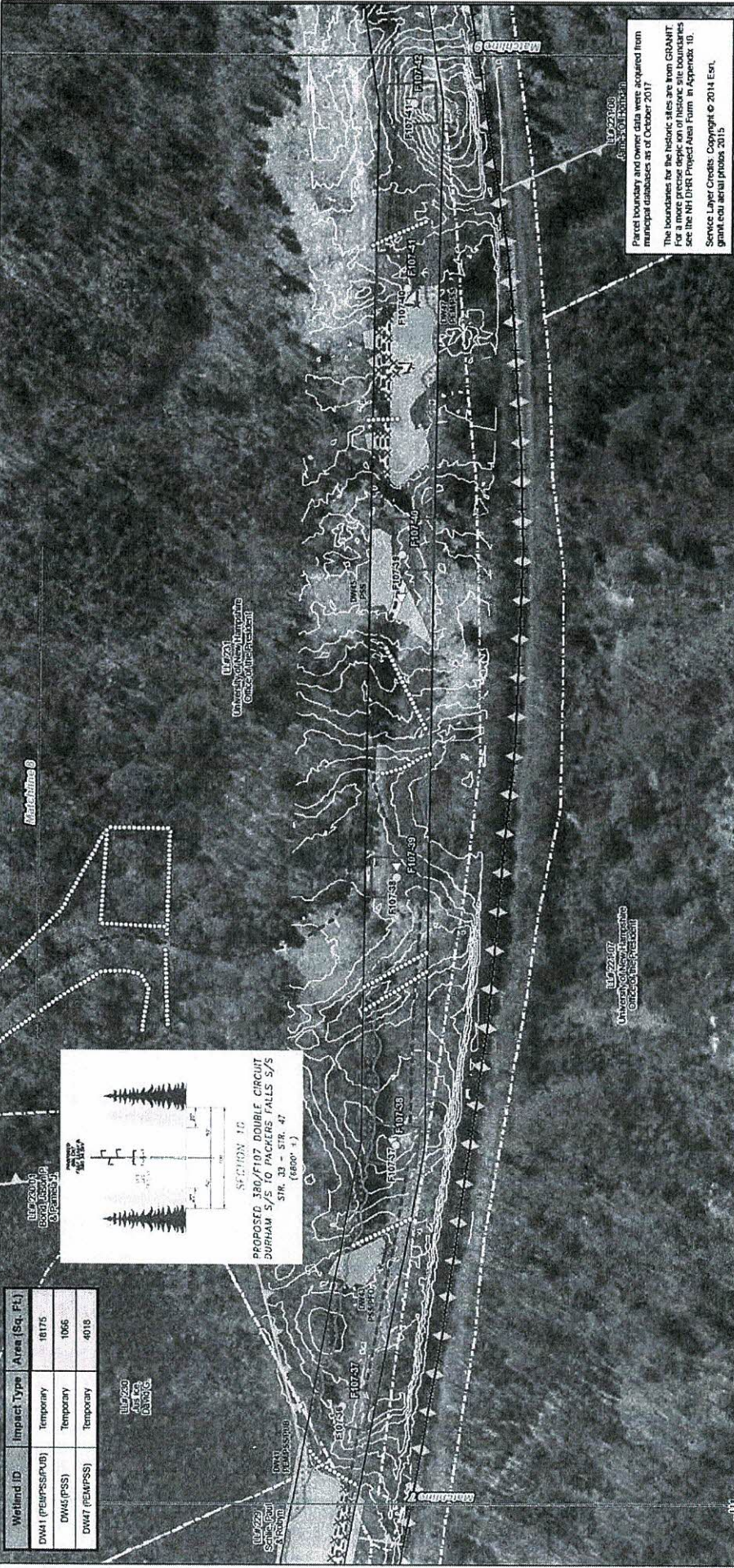
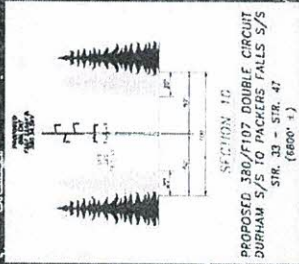
- Structures
- Direct Embed
- Drilled Pier
- Relocated Distribution
- Steep Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide
- Line/Reference Line (4ft Contour)
- Mean Lower Low Water

Drawn By: dpelletier

Date: 7/25/2018      Project No: 22860.003

Path: J:\Projects\PSNH\_F107\MD-GSR\_MapSet\_Support\work.mxd

Welland ID	Impact Type	Area (Sq. Ft.)
DW41 (PEMPSPUB)	Temporary	18175
DW45 (PSS)	Temporary	1066
DW47 (PEMPSS)	Temporary	4018



The boundaries for the historic sites are from GRANIT for the University of New Hampshire. For more information see the NH DHR Project Area Form at Appendix 10. Service Layer Credits. Copyright © 2014 Esri, grant.edu aerial photos 2015

**Seacoast Reliability Project**  
**Revised Environmental Maps**

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
 Environmental Consultants

SARAH D. ALLEN  
 LICENSED PROFESSIONAL ENGINEER  
 No. 063

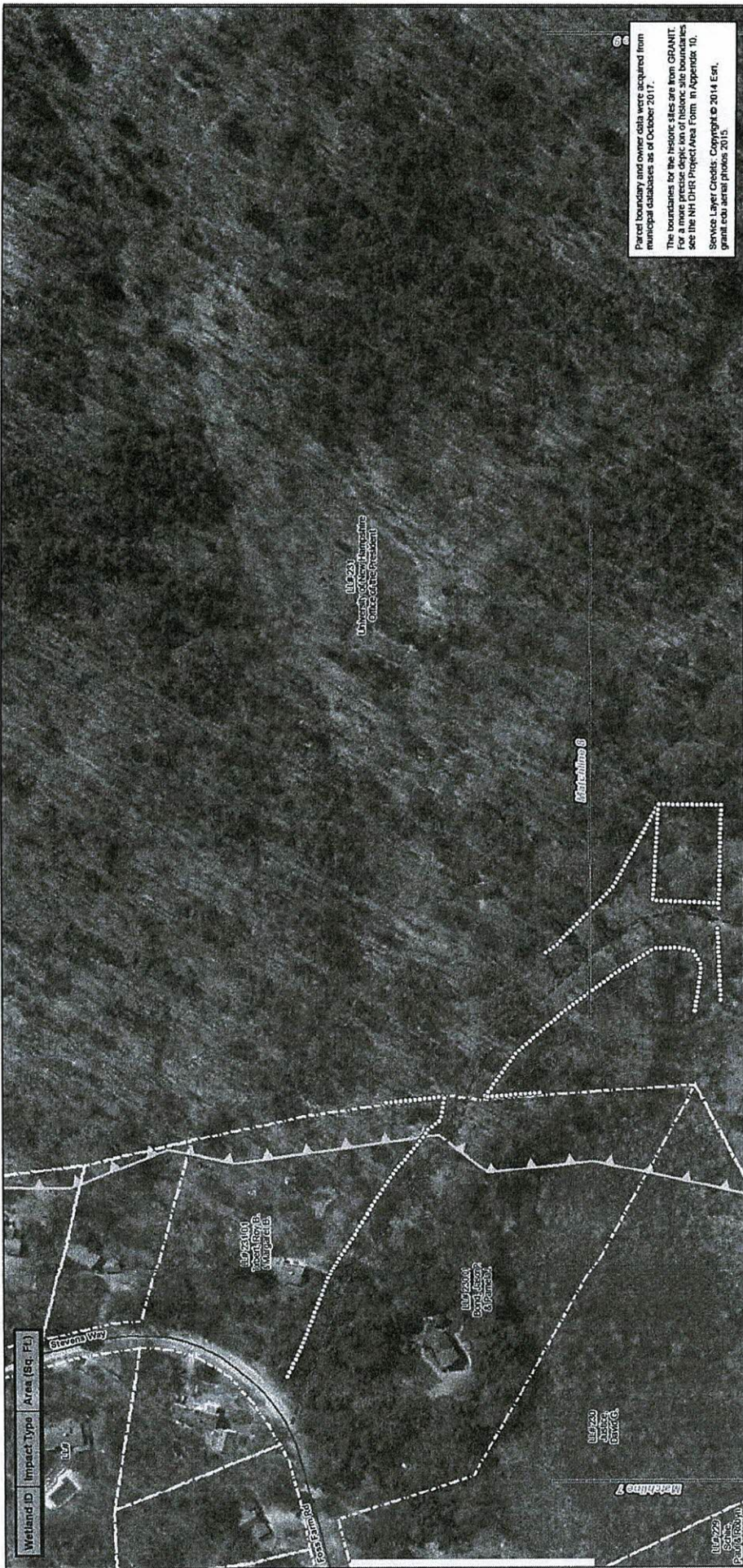
Scale: 1 inch = 150 feet

0 75 150 300 feet

**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads: Local, Not Maintained, Private, State, Railroad
- Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Fence, Hay Bale, Erosion Control, Mix Berm
- Wetland: Prime Wetland, Wetland Impact (PERM), Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Temporary Slonewall alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Designated River Buffer 200'
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- Construction Structure #s
- Wetland Number & Cover Type
- Structures: Direct Embed, Dotted Pier, Relocated Distribution
- Sleep Slope BMP's
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Tidal Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water

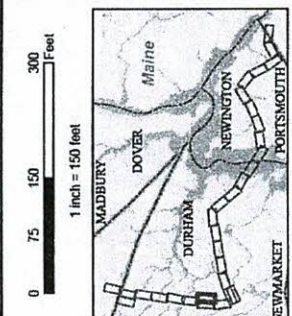
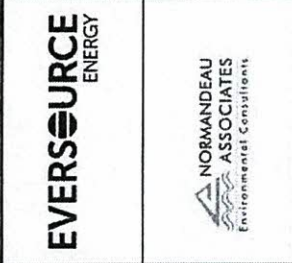
Drawn By: dpoletier  
 Date: 7/25/2018  
 Project No: 22860.003



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 SHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

# Seacoast Reliability Project

## Revised Environmental Maps



Scale: 1 inch = 150 feet

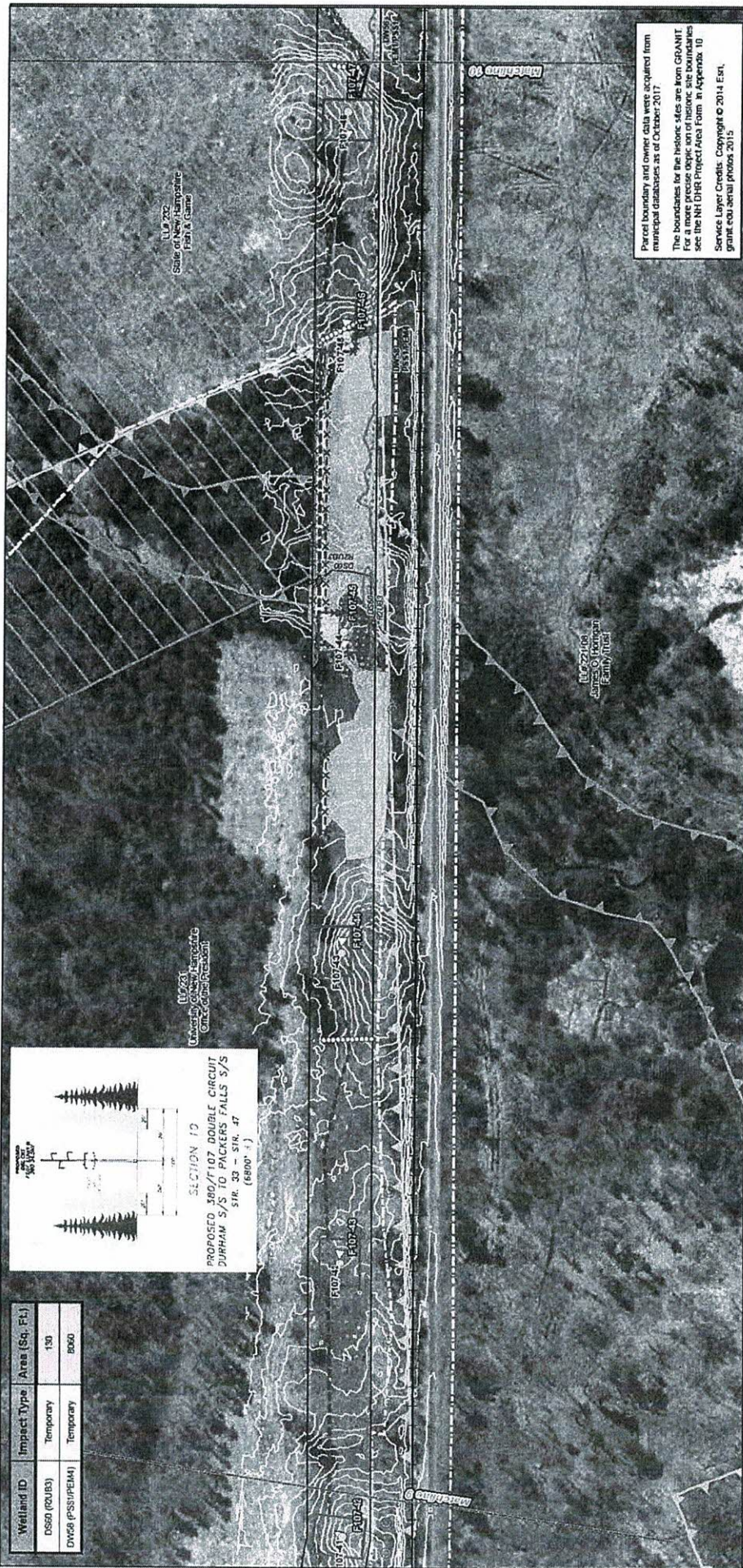
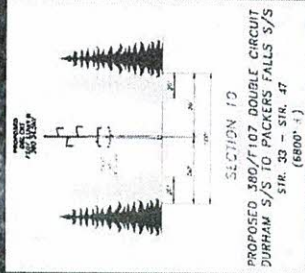
Legend:

- Approximate Parcel Boundary
- PSNR Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- State
- Railroad
- Access Rd. Pending Owner Approval
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stone/Concrete alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Designated River Buffer 200'
- Conservation Lands
- 100 Year Floodplain
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Existing Sit (Remain)
- Existing Sit (Removed/Modified)
- Underground Cable
- Silt Curbin
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- X=X Star Wattle
- Wetbed
- Prime Wetland
- Wetbed Impact (PERM)
- Wetbed Impact (TEMP)
- 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

Wetland Cover Type

Drawn By: dpelletier  
 Date: 7/25/2018  
 Project No: 22860 003

Wetland ID	Impact Type	Area (Sq. Ft.)
D560 (ROUB3)	Temporary	130
DW59 (PSSUPEM4)	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 or the appropriate version of historic site boundaries see the NH DHR Project-Aerial Form at Appendix 10

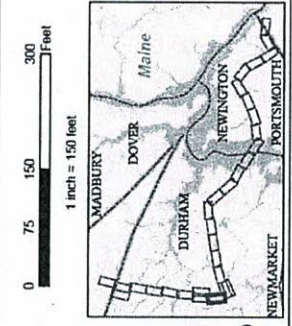
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**Seacoast Reliability Project**

**Revised Environmental Maps**

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**NORMANDEAU ASSOCIATES**  
Environmental Consultants



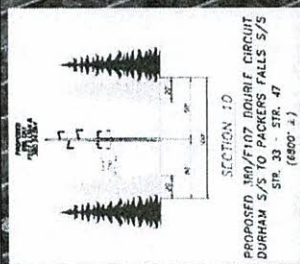
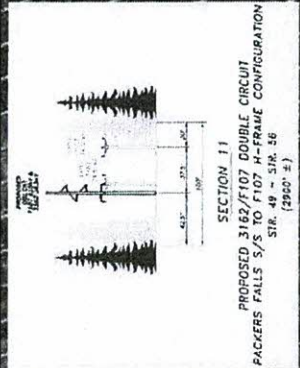
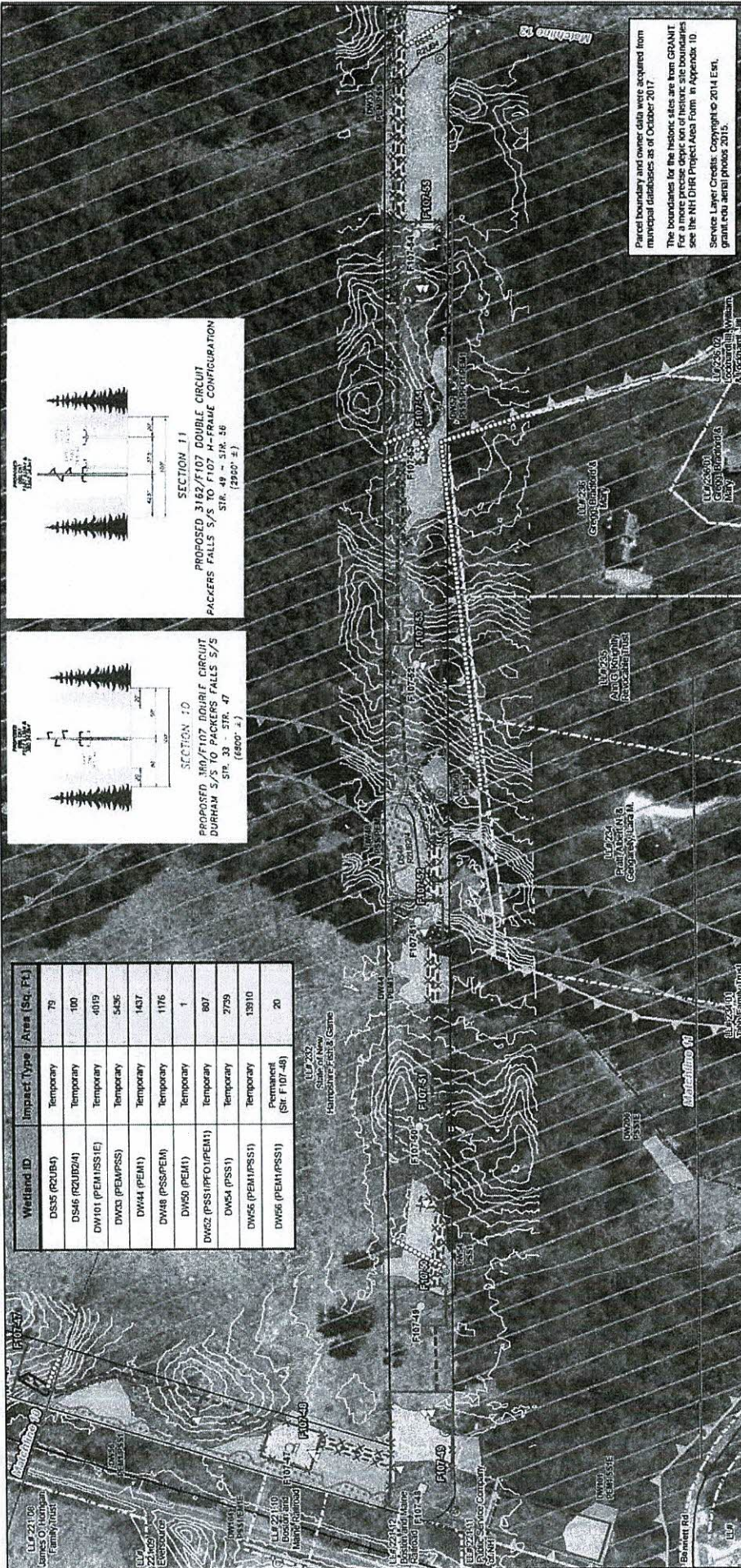
**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads: Local, Not Maintained, Private, State, Railroad
- Access Road
- Access Rd. Pending Owner Approval
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stone/Retaining Wall alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Designated River Buffer 280'
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- Construction Structure #s
- Wetland Number & Cover Type
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- X: Straw Wattle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Steep Slope BMPs
- Direct Embankment
- Drilled Pier
- Relocated Distribution
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Tidal Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water

Scale: 1 inch = 150 feet

North Arrow






Wetland ID	Impact Type	Area (Sq. Ft.)
DS35 (R2UB4)	Temporary	79
DS46 (R2UB2/4)	Temporary	100
DW101 (PEM1/SS1E)	Temporary	4019
DW303 (PEM1/SS)	Temporary	5436
DW44 (PEM1)	Temporary	1437
DW48 (PSS/PEM)	Temporary	1176
DW50 (PEM1)	Temporary	1
DW52 (PSS1/PEM1)	Temporary	867
DW54 (PSS1)	Temporary	2739
DW56 (PEM1/PEM1)	Temporary	13910
DW56 (PEM1/PEM1)	Permanent (Str. F 107-48)	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 Aerial Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant you aerial photos 2015.


## Seacoast Reliability Project

### Revised Environmental Maps

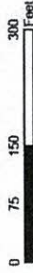



7/16/18

## EVERSOURCE ENERGY



Scale: 1 inch = 150 feet





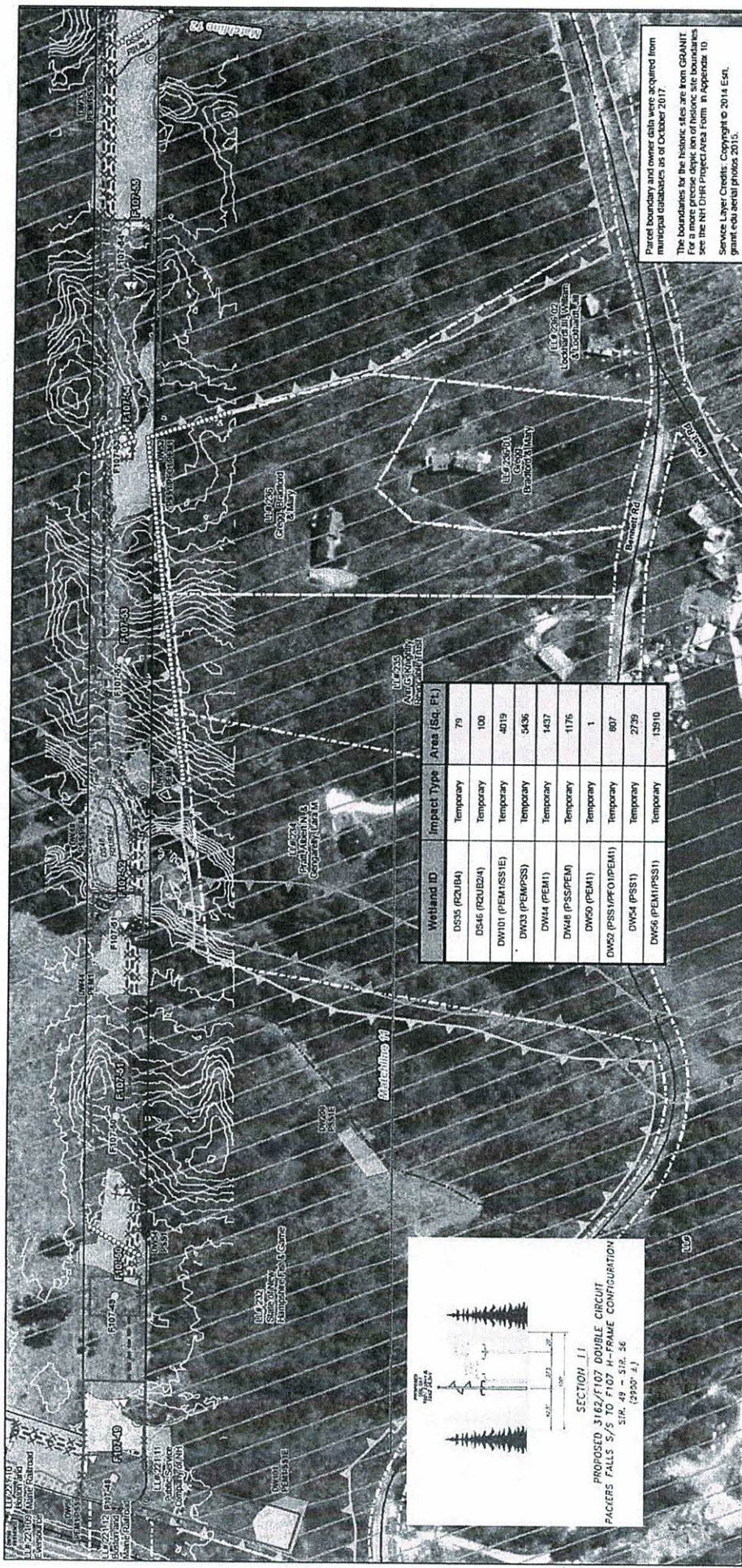
**Legend**

- Approximate Parcel Boundary
- PSHH 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 Fence, Hay Bale, Erosion Control Mat Berm
- X = X Straw Waste
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stone/Concrete alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Designated River Buffer 250'
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- F-107-107 Construction Structure #s
- Wetland Number & Cover Type
- Structures
- Direct Embed
- Drilled Pier
- Reallocated 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

Drawn By: dpeleler

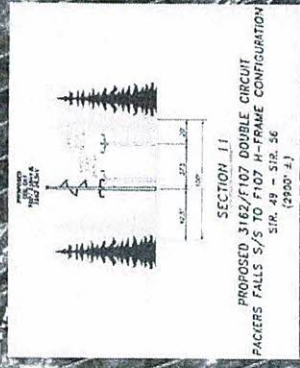
Date: 7/25/2018 Project No: 22860.003

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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 complete list of historic sites, see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri.  
 grant.edu aerial photos 2015.

Wetland ID	Impact Type	Area (sq. Ft.)
DW535 (R2UB4)	Temporary	79
DW546 (R2UB2/4)	Temporary	100
DW101 (PEM1/SS1E)	Temporary	4019
DW03 (PEM/SS)	Temporary	5436
DW44 (PEM1)	Temporary	1437
DW46 (P/SS/PEM)	Temporary	1176
DW50 (PEM1)	Temporary	1
DW52 (P/SS/PEM/PEM1)	Temporary	807
DW54 (P/SS1)	Temporary	2739
DW56 (PEM1/P/SS1)	Temporary	13910

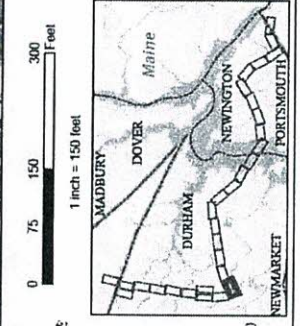


# Seacoast Reliability Project

## Revised Environmental Maps

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants



Scale: 1 inch = 150 feet

North Arrow

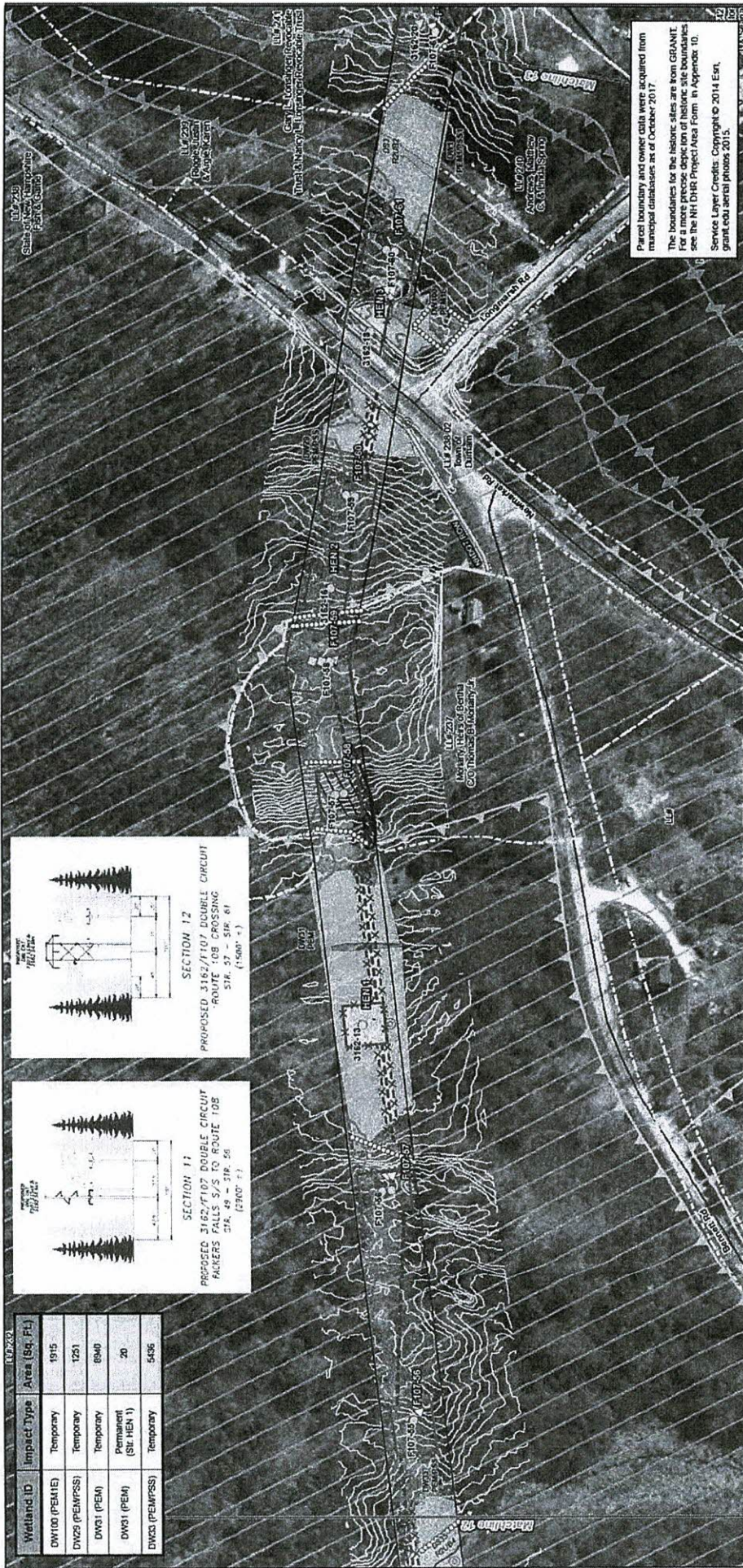
**Legend:**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- Slate
- 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 Waste
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stone/Retaining Wall
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- 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
- Stream Buffer
- 2ft Contour
- Tidal Buffer Zone
- Highest Observable Tide Line/Reference Line (ft Contour)
- Mean Lower Low Water

all other values

Drawn By: dpeleier  
 Date: 7/25/2018  
 Project No: 22860.003

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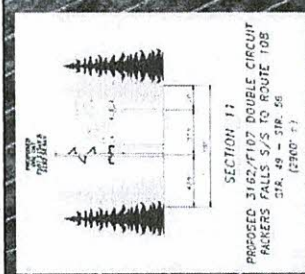
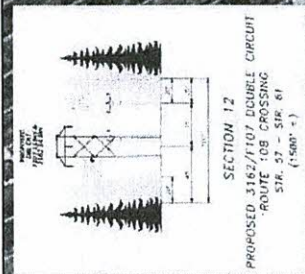


Parcel boundary and cover data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANITE. For a more precise depiction of historic site boundaries see the NH DNR Project/Act Form in Appendix 10.

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

Wetland ID	Impact Type	Area (Sq. Ft.)
DW100 (PEA1E)	Temporary	1915
DW029 (PEMPSS)	Temporary	1251
DW031 (PEA)	Temporary	8940
DW031 (PEA)	Permanent (Site HEN 1)	20
DW025 (PEMPSS)	Temporary	5406



## Seacoast Reliability Project

### Revised Environmental Maps

**Legend**

- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Streamline alignment
- NH DOT Right-of-way
- Historical Sites
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- Construction Structure #s
- Wetland Number & Cover Type

- Existing Str (Remain)
- Excess 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

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Local Roads
- Not Maintained
- Private
- State
- Railroad
- Access Rd.
- Pending Owner Approval

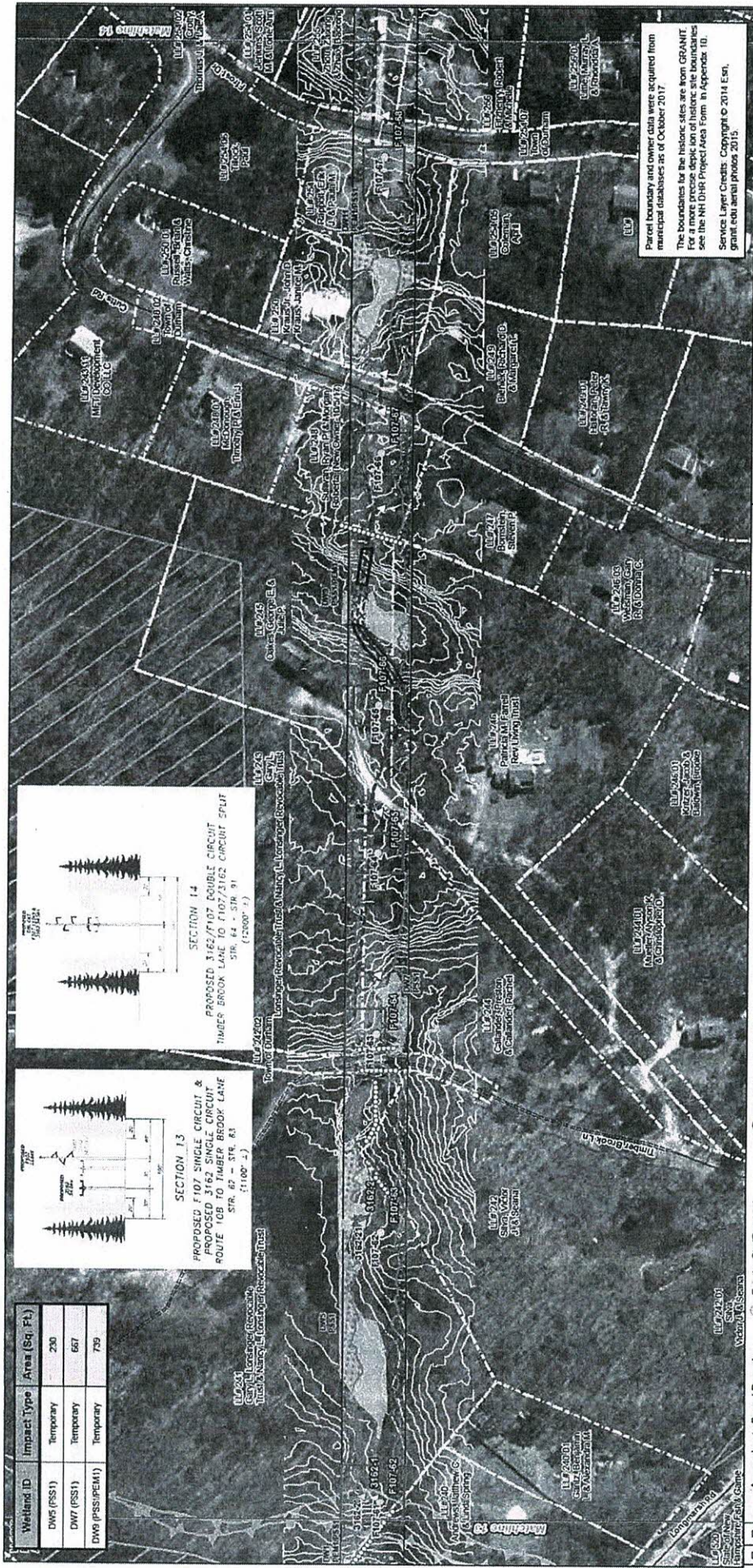
- Structures
- Direct Embed
- Drilled Pier
- Relocated Distribution
- Steep Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water

Drawn By: dpelloier

Date: 7/25/2018

Project No: 22980.003

Path: J:\Projects\PSNH\_F107MD\SIP\_MapSet\_Supplement.mxd

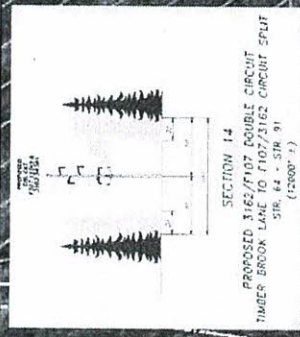
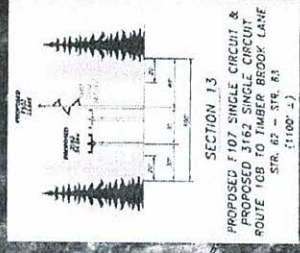


Parcel boundary and owner data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANIT for timber project depiction of historic site boundaries see the NH 0181 Project Area Form in Appendix 10.

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Wetland ID	Impact Type	Area (Sq. Ft.)
DWS (PSS1)	Temporary	230
DW7 (PSS1)	Temporary	667
DW8 (PSS/SPEC1M)	Temporary	739

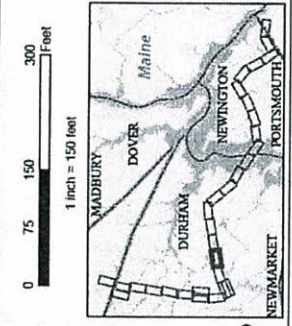


# Seacoast Reliability Project

## Revised Environmental Maps

**EVERSOURCE ENERGY**

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**Legend**

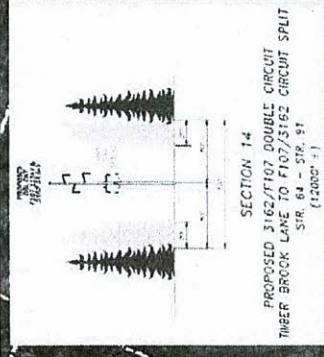
- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Private
- Slate
- Railroad
- Access Road
- Approval
- Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Existing Str (Removal/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- Straw Waste
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Temporary Stone Wall 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 Embankment
- Drilled Pier
- Relocated Distribution
- Steep Slope BMP's
- Tree Clearing
- Stream Buffer
- 2H Contour
- Tidal Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water

Drawn By: dpelletier  
 Date: 7/25/2018  
 Project No: 22960 003



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.

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

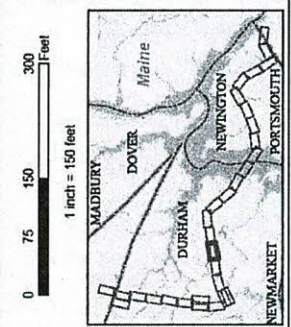


# Seacoast Reliability Project

## Revised Environmental Maps

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
 Environmental Consultants



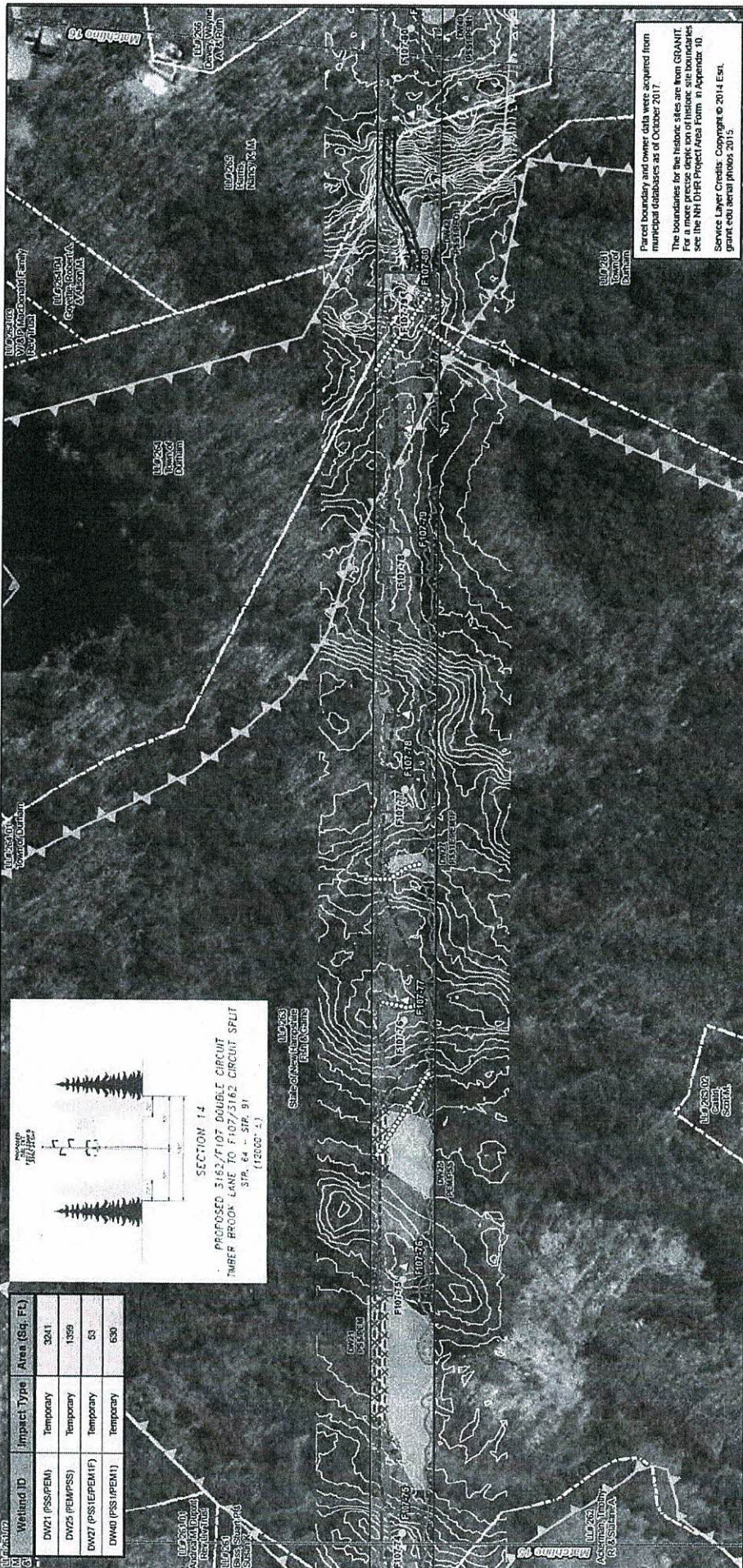
Scale: 1 inch = 150 feet

North Arrow

Legend:

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- State
- Railroad
- Access Rd.
- Pending Owner Approval
- Existing Str (Remain)
- Excess 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
- Stone/Retainment alignment
- NH DOT Right-of-way
- Historical Sites
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- Construction Structure #s
- Wetland Number & Cover Type
- Structures
- Direct Embed
- Unfilled 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

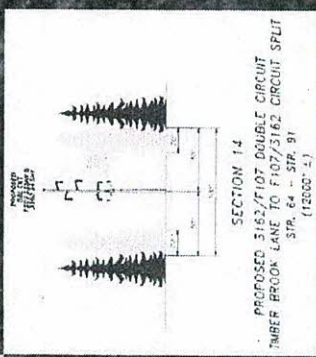
Drawn By: dpelleter  
 Date: 7/25/2018  
 Project No: 22860.003



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

The boundaries for the historic sites are from GRANIT. The boundaries for the historic sites are from GRANIT. The boundaries for the historic sites are from GRANIT. See the NH DHP Project Fee Form 4 Appendix 10.

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



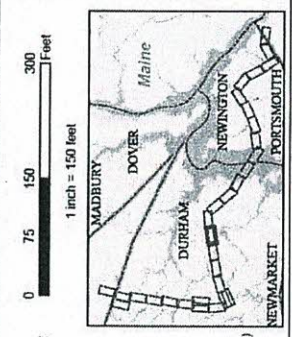
Wetland ID	Impact Type	Area (Sq. Ft.)
DW21 (PSS/PEM)	Temporary	3241
DW25 (PEM/PSS)	Temporary	1359
DW27 (PSS/PEM/IF)	Temporary	53
DW40 (PSS/PEM/1)	Temporary	630

# Seacoast Reliability Project

## Revised Environmental Maps

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants



Scale: 1 inch = 150 feet

North Arrow

**Structures**

- Direct Embankment
- Unfilled Pier
- Relocated Distribution
- Steep Slope BMPs
- Stream Buffer
- Tree Clearing
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft. Contour)
- Mean Lower Low Water

**Stream Centerline**

- Stream Top of Bank
- Temporary Culvert
- Stone/Stone/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

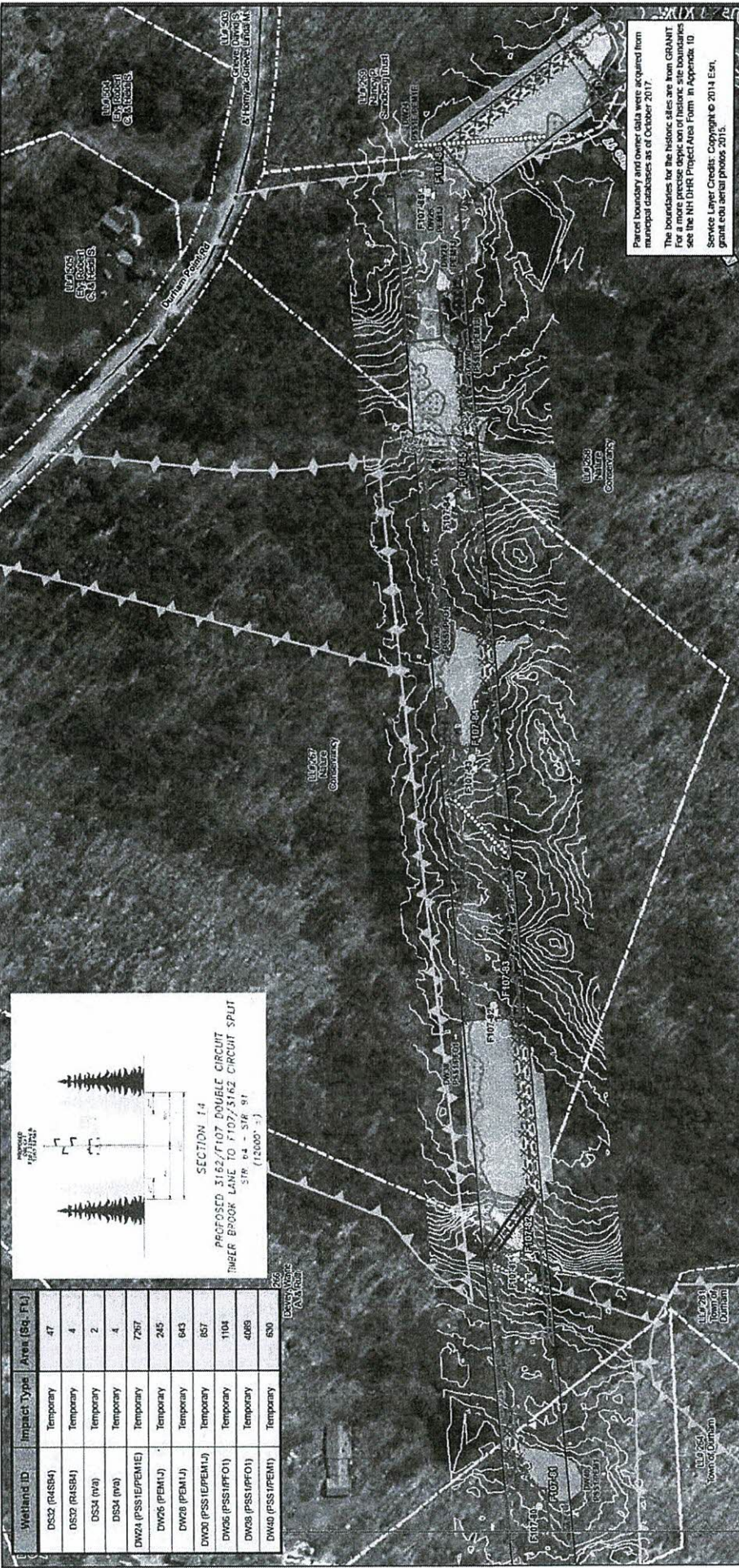
**Other Features**

- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- Straw Waste
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary

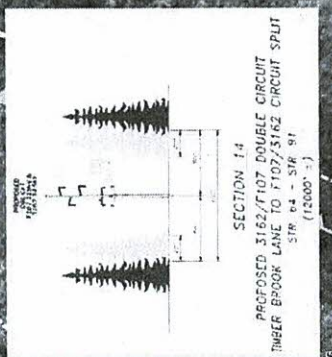
**Other Symbols**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads: Local, Not Maintained, Private, State, Railroad
- Access Road
- Access Rd. Pending Owner Approval

Drawn By: dpelletier  
Date: 7/25/2018  
Project No: 22860.003




Project 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 you aerial photos 2015.



Wetland ID	Impact Type	Area (Sq. Ft.)
DS32 (P4SBA)	Temporary	47
DS32 (P4SBA)	Temporary	4
DS34 (P4)	Temporary	2
DS34 (P4)	Temporary	4
DW24 (PSS1E/PEM1E)	Temporary	7267
DW26 (PEM1U)	Temporary	245
DW28 (PEM1U)	Temporary	643
DW30 (PSS1E/PEM1U)	Temporary	867
DW36 (PSS1E/PEM1U)	Temporary	1104
DW38 (PSS1E/PEM1U)	Temporary	4089
DW40 (PSS1E/PEM1U)	Temporary	630



## Seacoast Reliability Project



### Revised Environmental Maps



7/16/18

Map 17 of 31

**Legend**

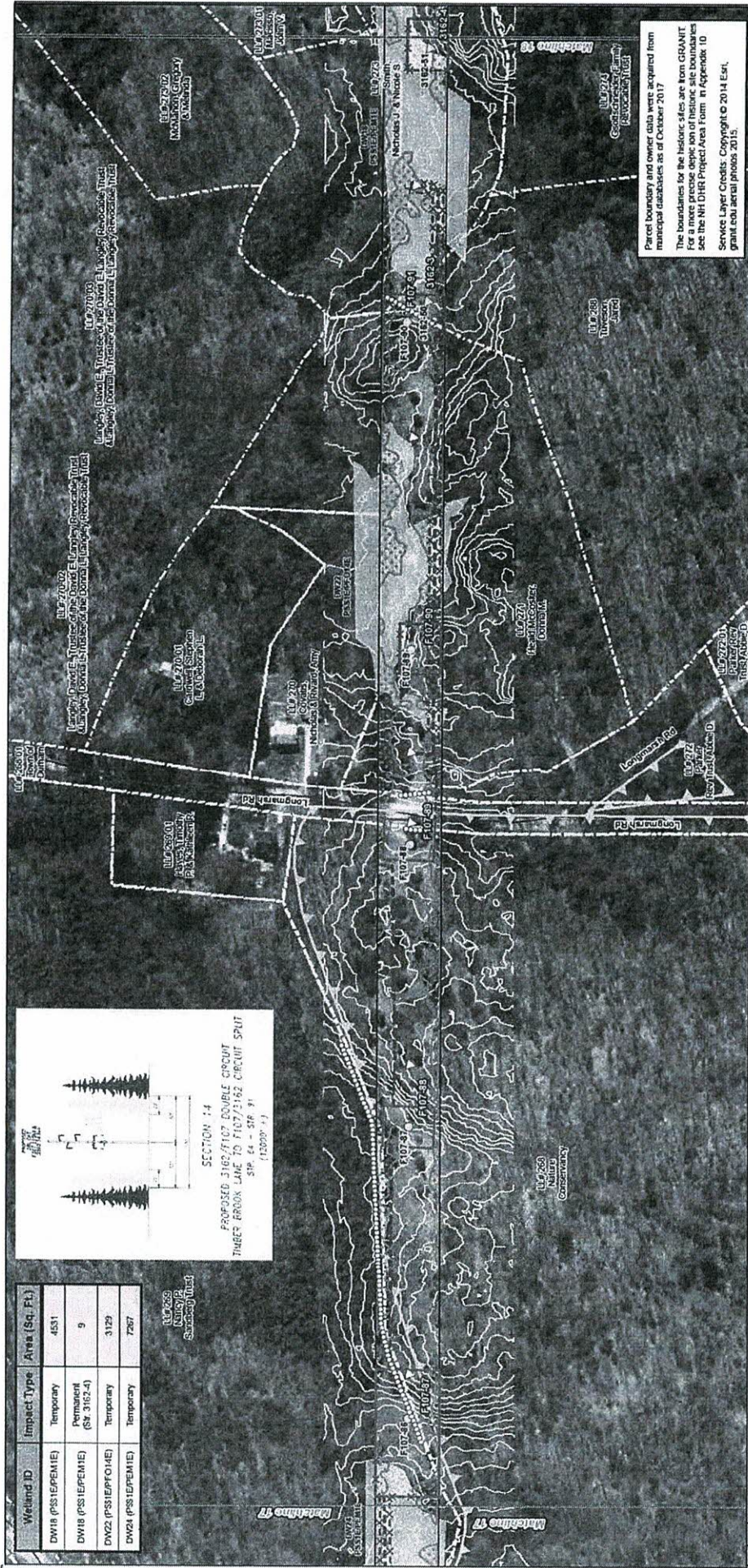
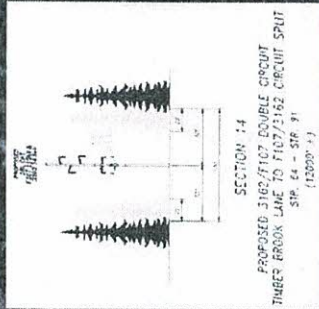
- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- State
- Railroad
- Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- Star Kettle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centrifuge
- Stream Top of Bank
- Temporary Culvert
- Streamwall 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 (4ft Contour)
- Mean Lower Low Water

Drawn By: dpelelier

Date: 7/25/2018 Project No: 22680.003

Path: J:\Projects\SRH\_F17\WDRSRP\_Map17\_Supplement.mxd

Wetland ID	Impact Type	Area (Sq. Ft.)
DW18 (PSS1EPEM1E)	Temporary	4531
DW18 (PSS1EPEM1E)	Permanent (SR 3162.4)	9
DW22 (PSS1EPP01E)	Temporary	3129
DW24 (PSS1EPEM1E)	Temporary	7267



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

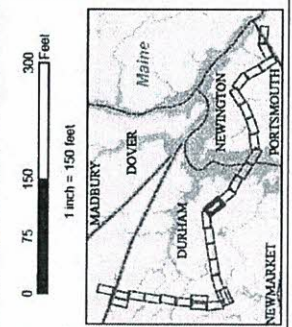
The boundaries for the historic sites are from GRANIT for the 1930s and the 1950s. For more information see the NH DHR Project Area Form in Appendix 10 Service Layer Credits. Copyright © 2014 Esri.

**Seacoast Reliability Project**

**Revised Environmental Maps**

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

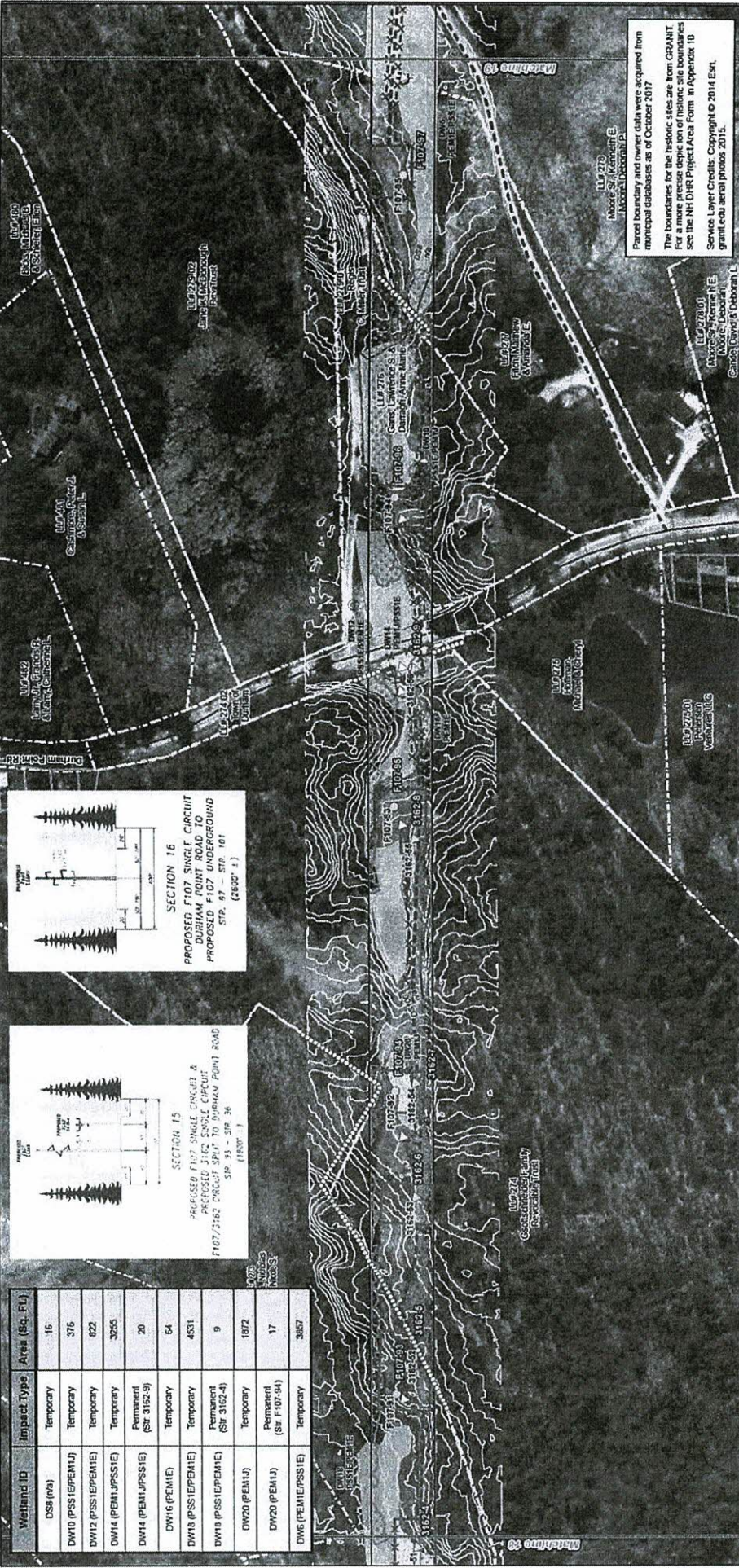


Scale: 1 inch = 150 feet

Legend:

- Approximate Parcel Boundary
- PSSNH Fee Area
- Project Corridor
- Work Pad
- Roads: Local, Not Maintained, Private, State, Railroad
- Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Excising Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- 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, Ditched Pier, Recycled Distribution
- Steep Slope BMPs
- Stream Buffer
- 2ft Contour
- Tidal Buffer Zone
- Highest Observable Tide Line/Reference Line (dit Contour)
- Mean Lower Low Water



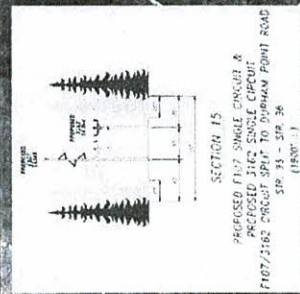
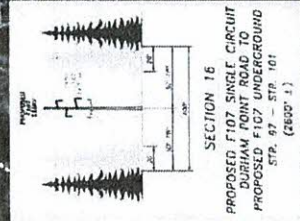


Parcel boundary and owner data were acquired from Esri's Parcel Data and Survey Information (PDSI) municipal databases as of October 2017.

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


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Wetland ID	Impact Type	Area (Sq. Ft.)
DSR (NA)	Temporary	16
DW10 (PSS1E/PEM1J)	Temporary	376
DW12 (PSS1E/PEM1E)	Temporary	822
DW14 (PEM1J/PSS1E)	Temporary	3205
DW14 (PEM1J/PSS1E)	Permanent (SR 3162-3)	20
DW16 (PEM1E)	Temporary	64
DW18 (PSS1E/PEM1E)	Temporary	4531
DW18 (PSS1E/PEM1E)	Permanent (SR 3162-4)	9
DW20 (PEM1J)	Temporary	1872
DW20 (PEM1J)	Permanent (SR F 107-94)	17
DW6 (PEM1E/PSS1E)	Temporary	3657





## Seacoast Reliability Project

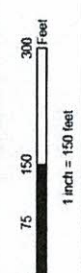


### Revised Environmental Maps



7/16/18

Map 19 of 31

**Legend**

- Stream Centeline
- Stream Top of Bank
- Temporary Culvert
- Relocated Distribution
- Steep Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide
- Line/Reference Line (4ft Contour)
- Mean Lower Low Water

**Structures**

- Direct Embed
- Drilled Pier
- Relocated Distribution
- Steep Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide
- Line/Reference Line (4ft Contour)
- Mean Lower Low Water

**Stream Centeline**

- Stream Top of Bank
- Temporary Culvert
- Relocated Distribution
- Steep Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide
- Line/Reference Line (4ft Contour)
- Mean Lower Low Water

**Other Features**

- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Hay Bale, Erosion Control Mix Berm
- Straw Wattle
- Wetbed
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary

**Other Features**

- Approximate Parcel Boundary
- SPNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- State
- Railroad
- Access Road
- Pending Owner Approval

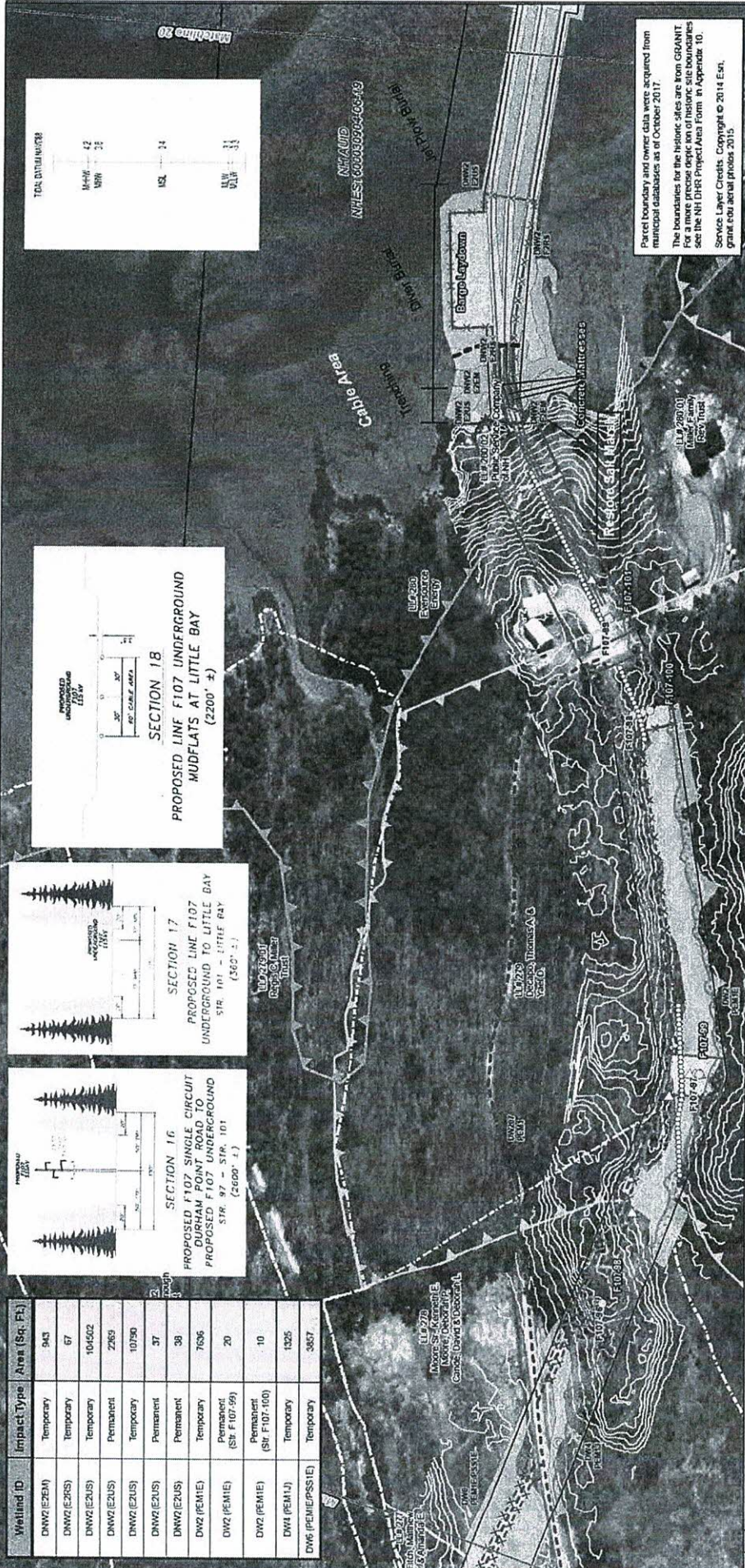
**PROJ 007** Permitting Structure #s  
F107-107 Construction Structure #s

Wetland Number & Cover Type

Drawn By: dpelletier

Date: 7/25/2018

Project No: 22860.003



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

The boundaries for the historic sites are from GRANIT. For more information on the historic sites, please see the NH DHR Project Area Form in Appendix 10.

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## Seacoast Reliability Project

### Revised Environmental Maps

SARAH D. ALLEN  
GOVERNOR  
NOV. 08, 2013

# EVERSOURCE ENERGY

Welland ID	Impact Type	Area (Sq. Ft.)
DNW2 (E2EM)	Temporary	943
DNW2 (E2RS)	Temporary	67
DNW2 (E2US)	Temporary	104,622
DNW2 (E2US)	Permanent	2,263
DNW2 (E2US)	Temporary	10,790
DNW2 (E2US)	Permanent	37
DNW2 (E2US)	Permanent	38
DW2 (PEM1E)	Temporary	7696
DW2 (PEM1E)	Permanent (SR F107-99)	20
DW4 (PEM1U)	Temporary	1325
DW6 (PEM1PSS1E)	Temporary	3,857

**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- Slate
- Railroad
- Access Road
- Approval

**Legend**

- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Temporary Stone Wall 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 Embod
- Unfilled Pier
- Relocated Distribution
- Steep Slope BMP's
- Tree Clearing
- Stream Buffer
- 2ft Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water

**Scale:** 1 inch = 150 feet

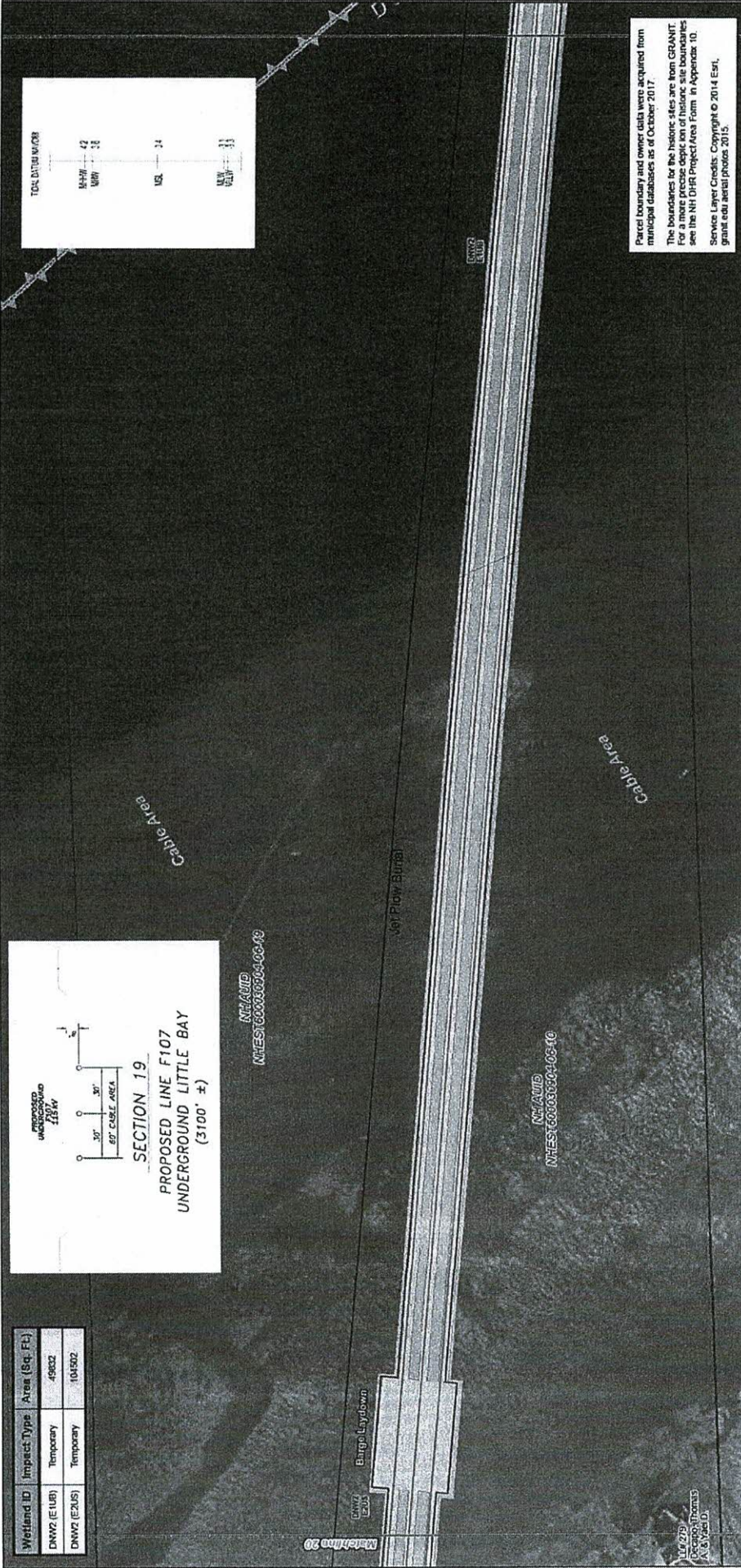
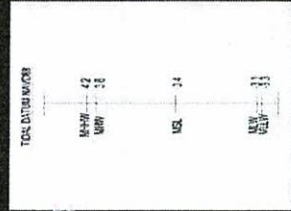
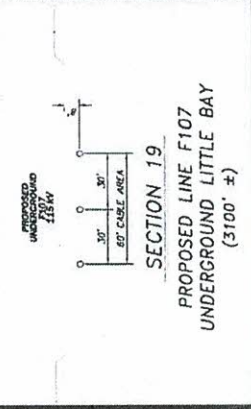
**Map:** Shows location relative to Dover, Durham, Newmarket, Portsmouth, and Madbury.

**Drawn By:** dpe/le/er




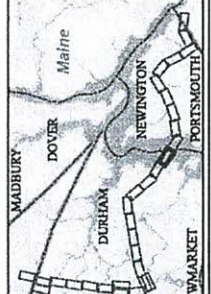
**Date:** 7/25/2018      **Project No:** 22860.003

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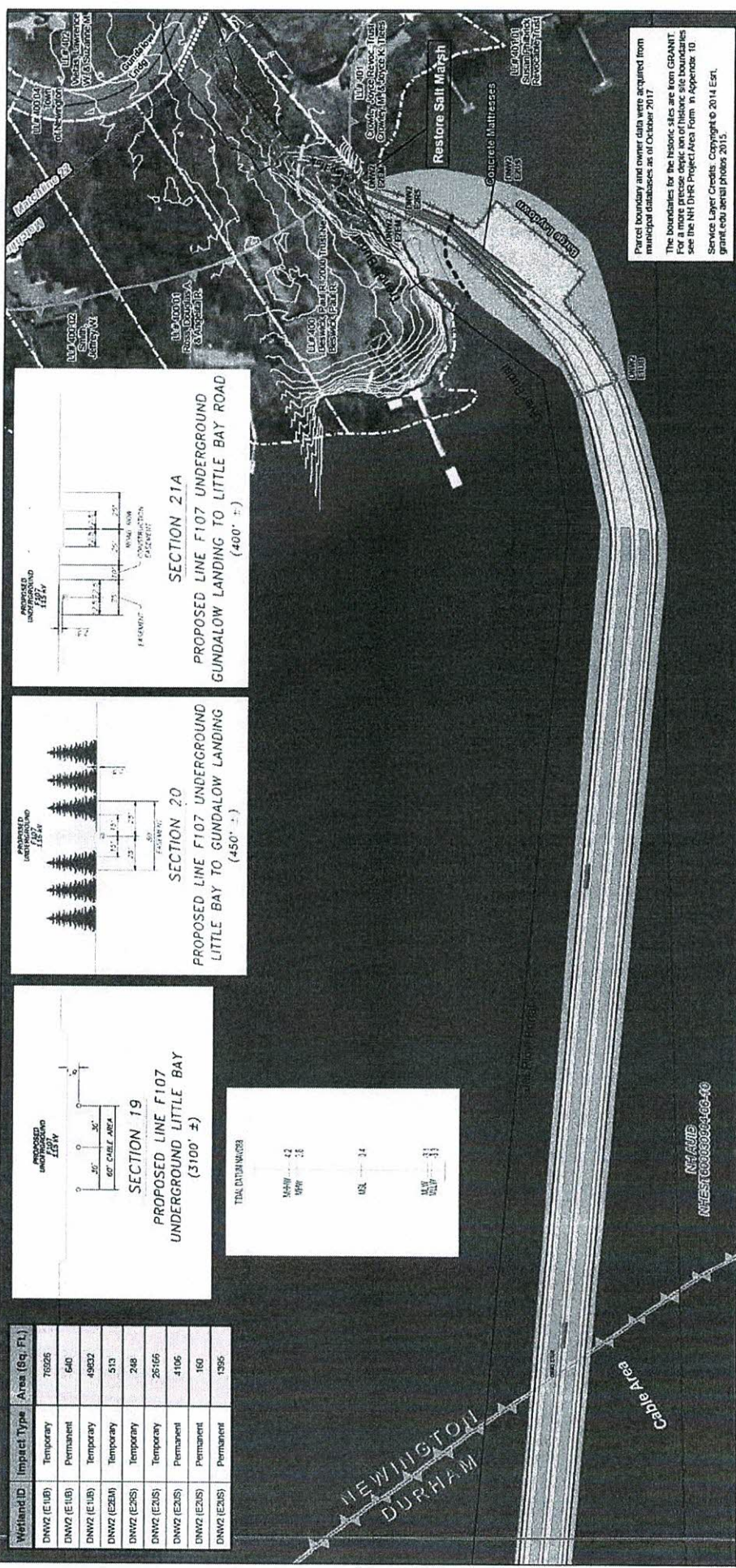
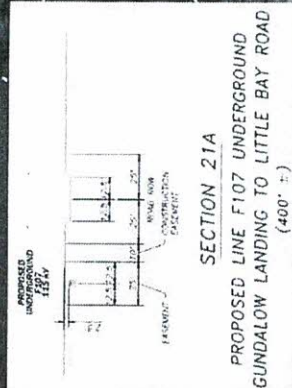
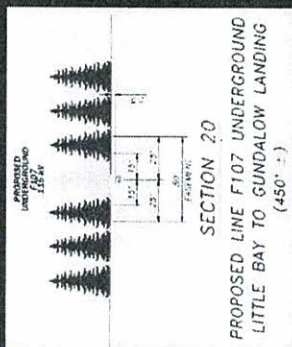
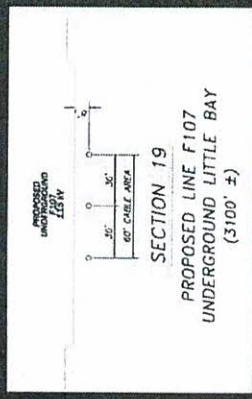
Wetland ID	Impact Type	Area (Sq. Ft.)
DNW2 (E1UB)	Temporary	49632
DNW2 (E2UB)	Temporary	104502



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 DPR Project/Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.

<b>EVERSOURCE</b> ENERGY	<b>Seacoast Reliability Project</b> Revised Environmental Maps							
	 NORMANDEAU ASSOCIATES Environmental Consultants							
<p><b>Legend</b></p> <table border="0" style="width: 100%; font-size: small;"> <tr> <td style="width: 33%;"> <b>Approximate Parcel Boundary</b>            PSHH Fee Area            Project Corridor            Work Pad            Roads            Local            Private            State            Railroad            Access Rd. Pending Owner Approval         </td> <td style="width: 33%;"> <b>Existing Str (Remain)</b>            Existing Str (Removal/Modified)            Underground Cable            Silt Certain            Silt Frms. Hay Bale, Erosion Control Mix Berm            X-X Straw Wattle            Weibnd            Prime Wetland            Weibnd Impact (PERM)            Weibnd Impact (TEMP)            Town Boundary         </td> <td style="width: 33%;"> <b>Stream Centerline</b>            Stream Top of Bank            Temporary Culvert            Stone/Retaining Wall 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 &amp; Cover Type         </td> </tr> <tr> <td> <b>Structures</b>            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         </td> <td colspan="2"> <b>&lt;all other values&gt;</b> </td> </tr> </table>			<b>Approximate Parcel Boundary</b> PSHH Fee Area Project Corridor Work Pad Roads Local Private State Railroad Access Rd. Pending Owner Approval	<b>Existing Str (Remain)</b> Existing Str (Removal/Modified) Underground Cable Silt Certain Silt Frms. Hay Bale, Erosion Control Mix Berm X-X Straw Wattle Weibnd Prime Wetland Weibnd Impact (PERM) Weibnd Impact (TEMP) Town Boundary	<b>Stream Centerline</b> Stream Top of Bank Temporary Culvert Stone/Retaining Wall 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	<b>Structures</b> 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	<b>&lt;all other values&gt;</b>	
<b>Approximate Parcel Boundary</b> PSHH Fee Area Project Corridor Work Pad Roads Local Private State Railroad Access Rd. Pending Owner Approval	<b>Existing Str (Remain)</b> Existing Str (Removal/Modified) Underground Cable Silt Certain Silt Frms. Hay Bale, Erosion Control Mix Berm X-X Straw Wattle Weibnd Prime Wetland Weibnd Impact (PERM) Weibnd Impact (TEMP) Town Boundary	<b>Stream Centerline</b> Stream Top of Bank Temporary Culvert Stone/Retaining Wall 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						
<b>Structures</b> 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	<b>&lt;all other values&gt;</b>							
<p>Drawn By: d.pelletier          Date: 7/25/2018          Project No: 22860.003          Pub: J:\Project\PSHH_F107\Map\SRP_MapSet_Supp\envmnt.mxd</p>								

Wetland ID	Impacted Type	Area (Sq. Ft.)
DNW2 (E1UB)	Temporary	76226
DNW2 (E1UB)	Permanent	640
DNW2 (E1UB)	Temporary	49822
DNW2 (E2SM)	Temporary	513
DNW2 (E2SM)	Temporary	248
DNW2 (E2S)	Temporary	26166
DNW2 (E2S)	Permanent	4106
DNW2 (E2S)	Permanent	160
DNW2 (E2S)	Permanent	1395



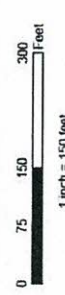
Parcel boundary and owner data were acquired from municipal databases as of October 2017.

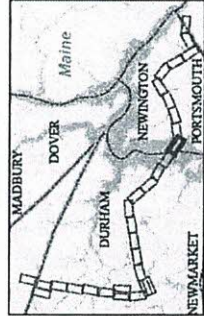
The boundaries for the historic sites are from GRANT for the historic sites. For a complete list of historic site boundaries see the NH DHR Project Area Form #1 Appendix 10 Service Layer Credits. Copyright © 2014 Esri. grant.edu aerial photos 2015.

## Seacoast Reliability Project

### Revised Environmental Maps





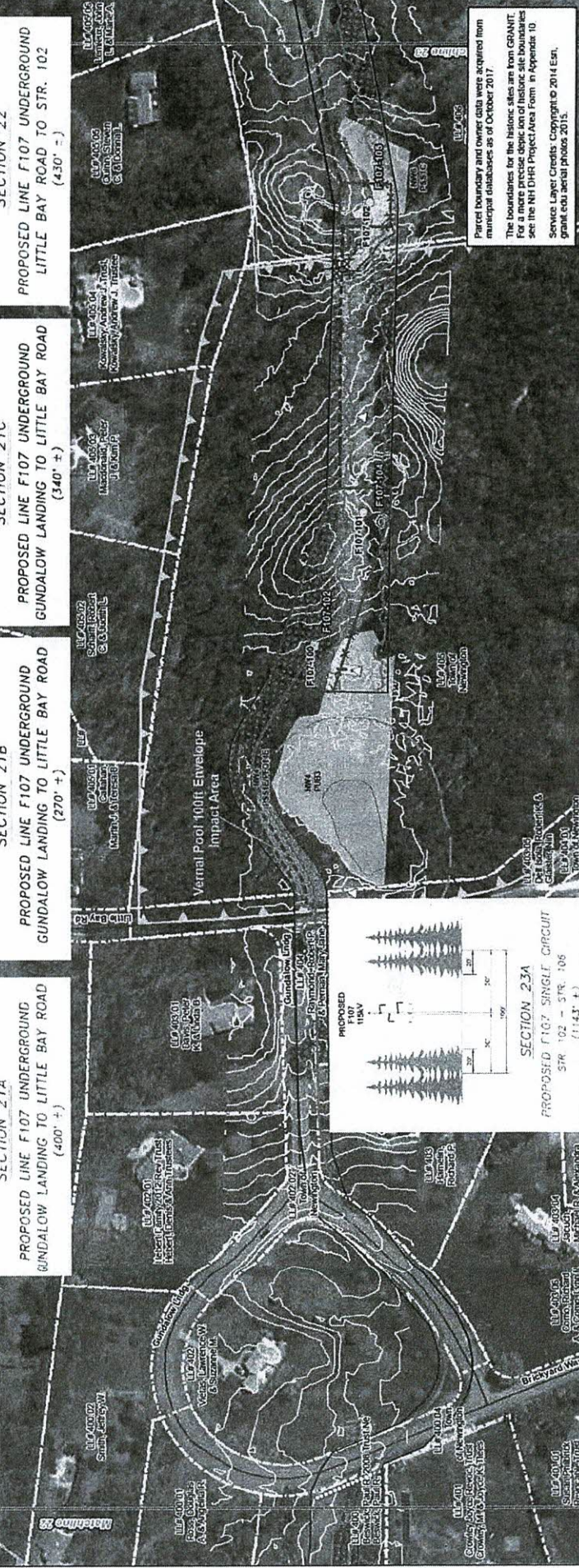
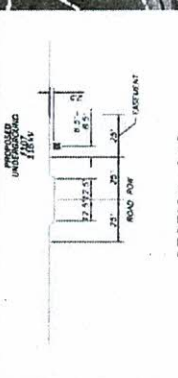
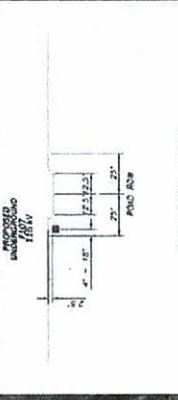
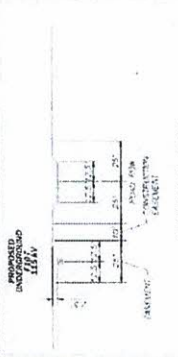
**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads: Local, Not Maintained, Private, State
- Railroad
- Access Road
- Approval
- Existing Slr (Remain)
- Existing Slr (Removed/Modified)
- Underground Cable
- Slr Carain
- Slr Fence, Hwy Sale, Erosion Control Mix Berm
- X = X: Straw Wattle
- Wetland: Prime Wetland, Wetland Impact (PERM), Wetland Impact (TEMP)
- Town Boundary
- 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
- Permitting Structure #s
- F107-107 Construction Structure #s
- Wetland Number & Cover Type
- Structures: Direct Embed, Drilled Pier, Relocated Distribution
- Step Slope BMP's
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water

**Legend**

- 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
- Permitting Structure #s
- F107-107 Construction Structure #s
- Wetland Number & Cover Type
- Structures: Direct Embed, Drilled Pier, Relocated Distribution
- Step Slope BMP's
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water

Wetland ID	Impact Type	Area (Sq. Ft.)
NSS (RAS6A)	Temporary	84
NM4 (PSS1EPTF0HE)	Temporary	1900
NW6 (PSS1C)	Temporary	2817
NW6 (PSS1C) (Str. F107-105)	Permanent	20
Vernal Pool Envelope	Temporary	7377

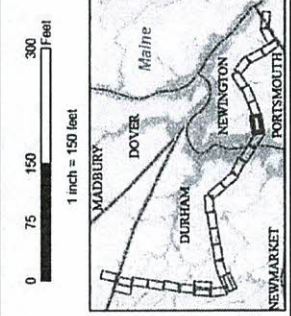


Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
 The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri,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

**Seacoast Reliability Project**  
**Revised Environmental Maps**

**EVERSOURCE ENERGY**

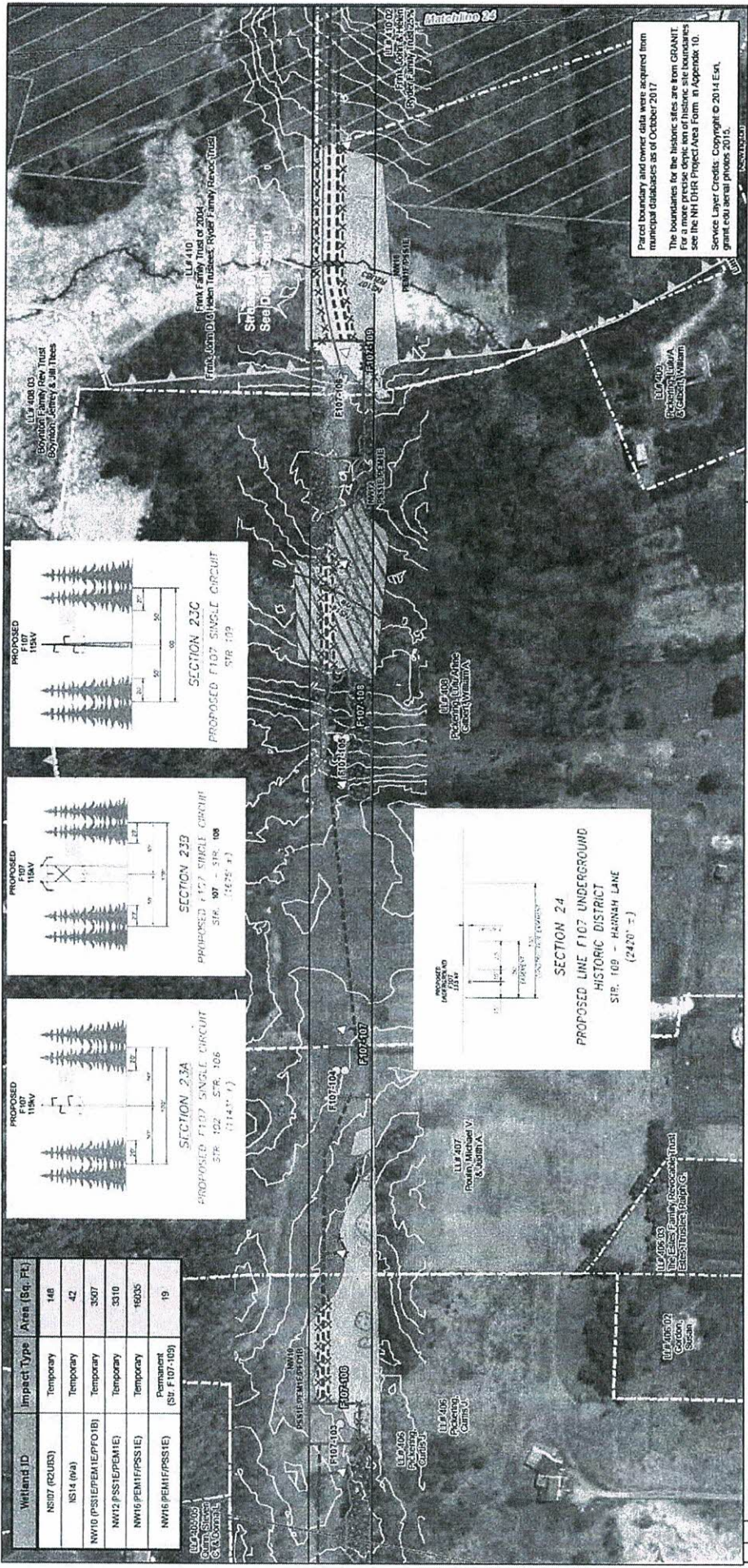
**NORMANDEAU ASSOCIATES**  
 Environmental Consultants



**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 Mat
- Straw Wattle
- Wetland
- Prim Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Tom 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
- Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide
- Line Reference Line (ft Contour)
- Mean Lower Low Water

Drawn By: dpeletier  
 Date: 7/25/2018  
 Project No: 22860.003



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

# Seacoast Reliability Project

## Revised Environmental Maps

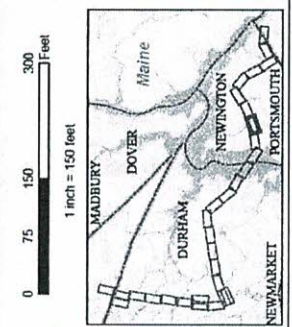





**EVERSOURCE**  
ENERGY



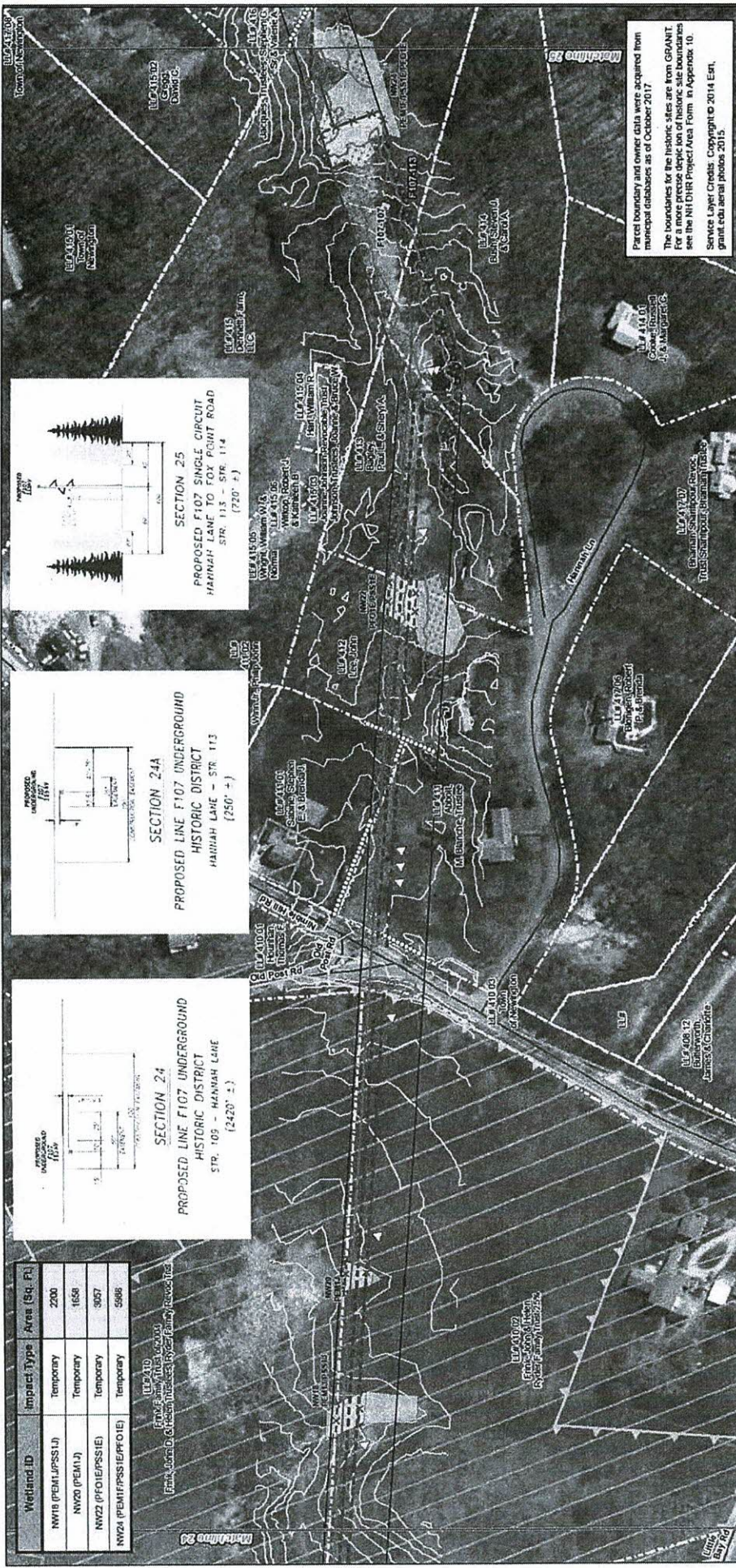
**NORMANDEAU ASSOCIATES**  
Environmental Consultants



**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 Slr (Remain)
- Existing Slr (Removed/Modified)
- Underground Cable
- Slr Fence, Hay Bale, Erosion Control, Milk Barn
- Wetland
- Prims Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stone/alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Designated River Buffer 250'
- Conservation Lands
- 100 Year Floodplain
- Permitting Structure #s
- F107-107 Construction Structure #s
- Wetland Number & Cover Type
- Structures
- Direct Embankment
- 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

*\*all other values\**



Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
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Wetland ID	Impact Type	Area (Sq. Ft.)
NW18 (PEM1/UPSS/L)	Temporary	2200
NW20 (PEM1/L)	Temporary	1658
NW22 (PFO1E/PSS/E)	Temporary	3057
NW24 (PEM1/PSS1E/PFO1E)	Temporary	5586

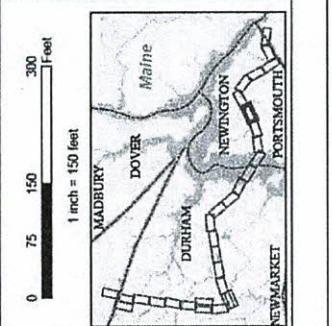
LU 419.01  
 Frank, Dennis D. & Susan M. Frank  
 Frank Family Trust

**Seacoast Reliability Project**  
**Revised Environmental Maps**

7/16/18  
 Map 25 of 31

**EVERSOURCE ENERGY**

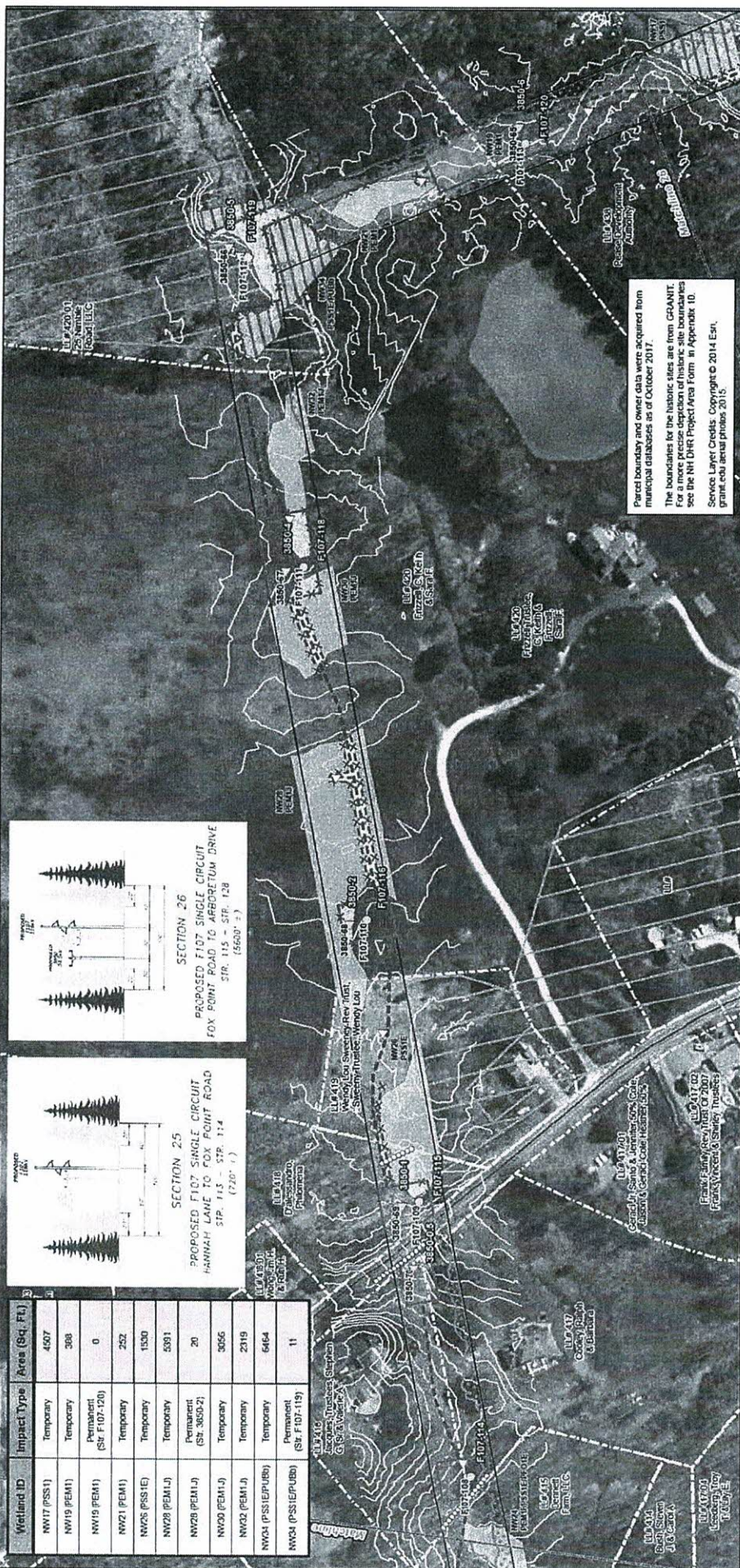
**NORMANDEAU ASSOCIATES**  
 Environmental Consultants



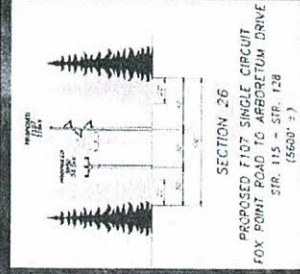
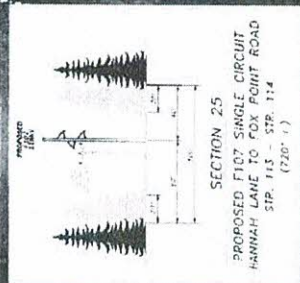
**Legend**

- Approximate Parcel Boundary
- SNH Fee Area
- Project Corridor
- Work Pad
- Roads
  - Local
  - Not Maintained
  - Private
  - State
  - Railroad
  - Access Rd.
  - Access Rd. Pending Owner Approval
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mat, 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
  - 2R Contour
  - Total Buffer Zone
  - Highest Observable Tide
  - Line/Reference Line (Ht) Contour
  - Mean Lower Low Water

DRW: J.Pelletier  
 Date: 7/25/2018  
 Project No: 22860.003



Wetland ID	Impact Type	Area (Sq. Ft.)
NW17 (PSS1)	Temporary	4507
NW19 (PEM1)	Temporary	368
NW19 (PEM1)	Permanent (SF F107-1B0)	0
NW21 (PEM1)	Temporary	252
NW28 (PSS1-E)	Temporary	1330
NW28 (PEM1-J)	Temporary	5391
NW28 (PEM1-J)	Permanent (SF 3050-2)	20
NW30 (PEM1-J)	Temporary	3056
NW32 (PEM1-J)	Temporary	2319
NW34 (PSS1-EPUB0)	Temporary	6164
NW34 (PSS1-EPUB0)	Permanent (SF F107-115)	11



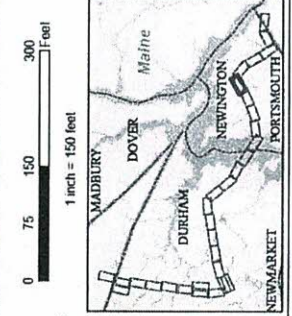
Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
The boundaries for the historic sites are from GRANITE. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.  
Service Layer Credits: Copyright © 2014 Esri, grant.com and other photos 2010.

# Seacoast Reliability Project

## Revised Environmental Maps

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants



Scale: 1 inch = 150 feet

0 75 150 300 Feet

North Arrow

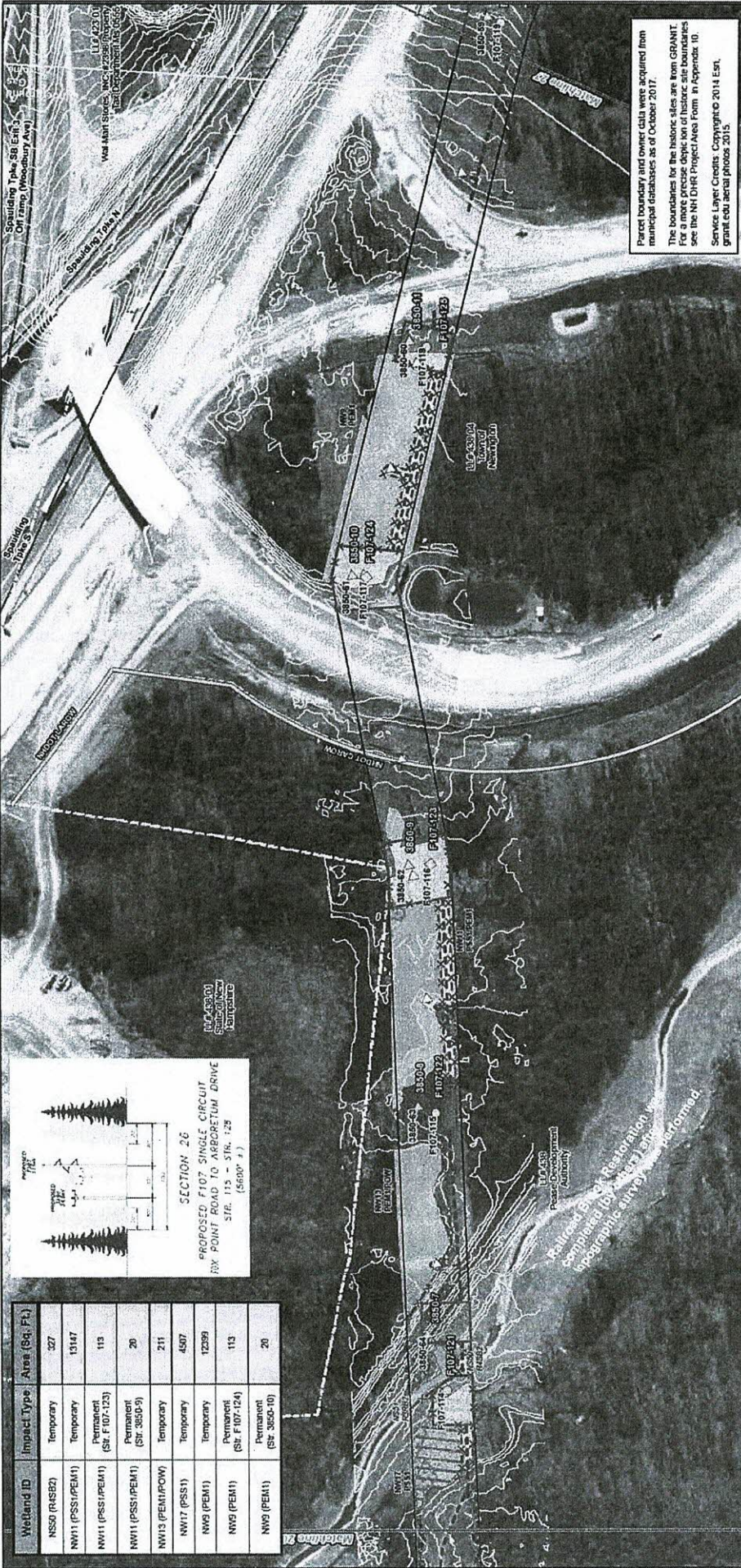
**Legend**

- Approximate Parent Boundary**
  - IPSNH Fee Area
  - Project Corridor
  - Work Pad
  - Roads
  - Local
  - Not Maintained
  - Private
  - State
  - Railroad
  - Access Rd. Pending Owner Approval
- Structures**
  - Existing Str (Remain)
  - Existing Str (Removed/Modified)
  - Underground Cable
  - Silt Curtain
  - Silt Fence, Hay Bale, Erosion Control Mat Barm
  - Straw Wattle
  - Wetland
  - Prime Wetland
  - Wetland Impact (PERM)
  - Wetland Impact (TEMP)
  - Town Boundary
- Stream Centerline**
  - Stream Top of Bank
  - Temporary Culvert
  - Stream/Sewerwall 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
- Other Values**
  - Direct Embed
  - Drilled Pier
  - Relocated Distribution
  - Steep Slope BMPs
  - Tree Clearing
  - Stream Buffer
  - 2ft Contour
  - Total Buffer Zone
  - Highest Observable Tide Line/Reference Line (4ft Contour)
  - Mean Lower Low Water

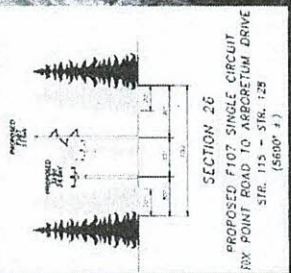
Drawn By: dpelletier  
Date: 7/25/2018 Project No: 22860.003

Path: J:\Projects\SNH\_110\MAPS\SP\_Maps\4\_Supplement.mxd





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 NHDHR Project Area Form in Appendix 10.  
 Service Layer Credits: Copyright © 2014 Esri, grant.edu aerial photos 2015.



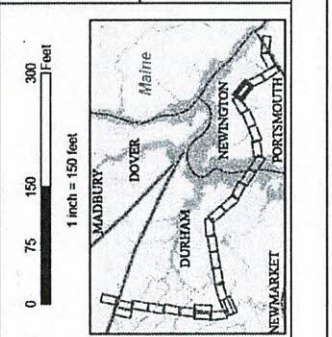
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NSS0 (RASB2)	Temporary	327
NW11 (PSS1/PEM1)	Temporary	13147
NW11 (PSS1/PEM1)	Permanent (Str. F107-123)	113
NW11 (PSS1/PEM1)	Permanent (Str. 3650-9)	20
NW13 (PEM1/POW)	Temporary	211
NW17 (PSS1)	Temporary	4507
NW9 (PEM1)	Temporary	12899
NW9 (PEM1)	Permanent (Str. F107-124)	113
NW9 (PEM1)	Permanent (Str. 3650-10)	20

# Seacoast Reliability Project

## Revised Environmental Maps

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

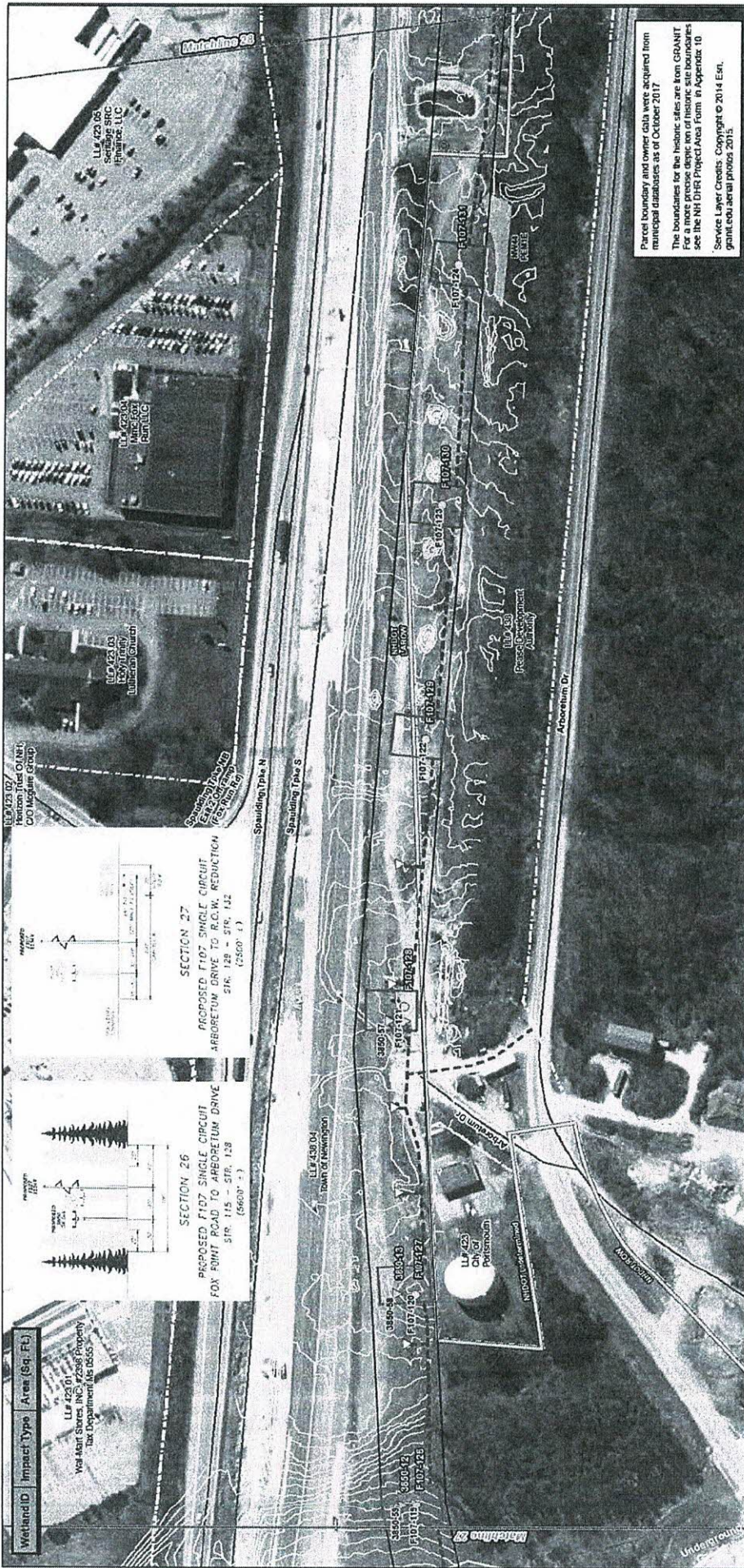


**Legend**

- Approximate Parcel Boundary**
- PSNH Fee Area**
- Project Corridor**
- Work Pad**
- Roads**
- Local**
- Not Maintained**
- Private**
- State**
- Railroad**
- Access Rd. Pending Owner Approval**
- Stream Centerline**
- Stream Top of Bank**
- Temporary Covert**
- Shoreline alignment**
- NH DOT Right-of-way**
- Historical Sites**
- Designated River Buffer 260'**
- Conservation Lands**
- 100 Year Floodplain**
- Permitting Structure #s**
- F107-107 Construction Structure #s**
- Wetland Number & Cover Type**
- Existing Str (Remain)**
- Existing Str (Removal/Modified)**
- Underground Cable**
- Silt Curtain**
- Silt fence, Hay Bale, Erosion Control Mix Berm**
- Str Wattle**
- Wetland**
- Prim Wetland**
- Wetland Impact (PERM)**
- Wetland Impact (TEMP)**
- Town Boundary**
- Steep Slope BMPs**
- Tree Clearing**
- Stream Buffer**
- 2ft Contour**
- Tidal Buffer Zone**
- Highest Observable Tide Line/Reference Line (ft Contour)**
- Mean Lower Low Water**
- Structures**
- Direct Embankment**
- Drilled Pier**
- Relocated Distribution**
- Steep Slope BMPs**
- Tree Clearing**
- Stream Buffer**
- 2ft Contour**
- Tidal Buffer Zone**
- Highest Observable Tide Line/Reference Line (ft Contour)**
- Mean Lower Low Water**

**Notes:**  
 - Rail Road EOP of Restoration was completed by the Maine Department of Transportation (DOT) in 2017.  
 - Wetland survey was performed.

Drawn By: dpelletier  
 Date: 7/25/2018  
 Project No: 22660,003



**Seacoast Reliability Project**

**Revised Environmental Maps**

SARAH D. ALLEN  
NO. 003  
GOVERNOR

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

7/16/18

Map 28 of 31

1 inch = 150 feet

0 75 150 300 Feet

**Structures**

- Direct Embed
- Diked Pier
- △ Relocated Distribution
- ▨ Steep Slope BMPs
- ▨ Stream Buffer
- ▨ 2ft Contour
- ▨ Total Buffer Zone
- ▨ Highest Observable Tide Line/Reference Line (4ft Contour)
- ▨ Mean Lower Low Water

**Stream Centerline**

- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stone/Retaining 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 & Cover Type

**Approximate Parcel Boundary**

- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mat Berm
- Straw Wattle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary

**Roads**

- Local
- Not Maintained
- Private
- State
- Railroad
- Access Road
- Access Rd. Pending Owner Approval

**Wetland ID** | **Impact Type** | **Area (Sq. Ft.)**

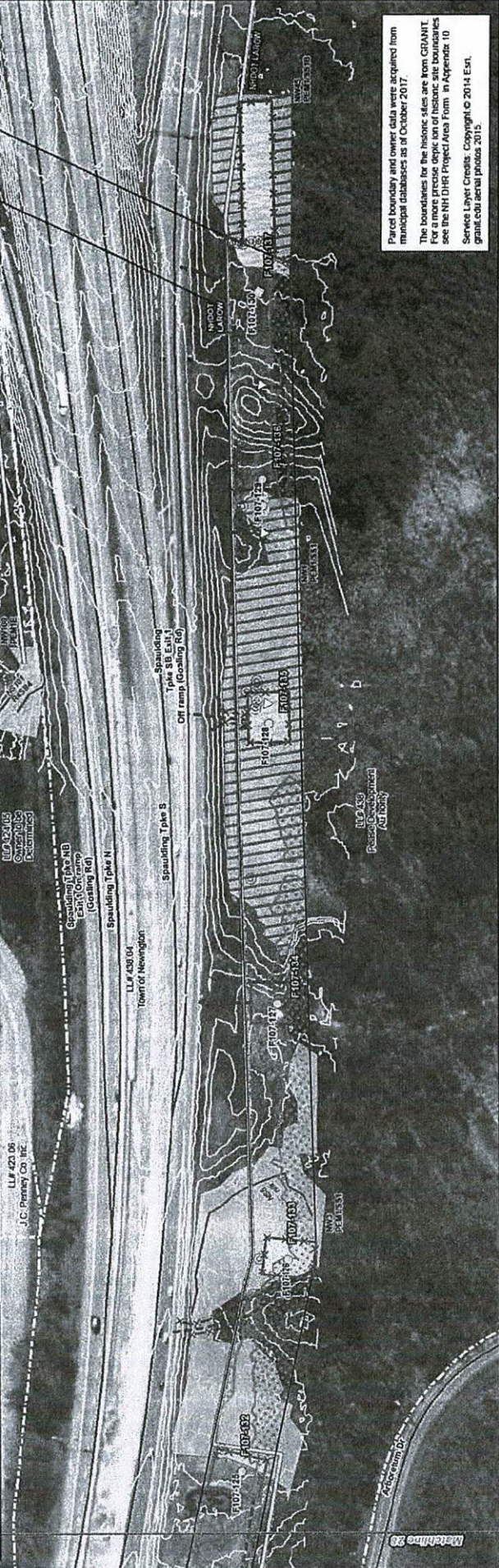
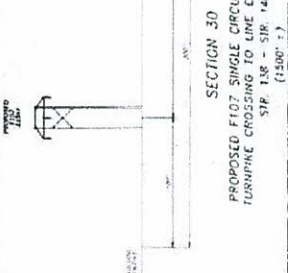
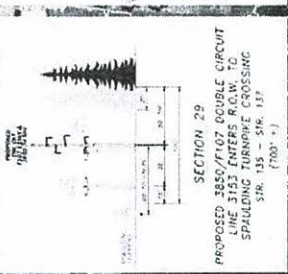
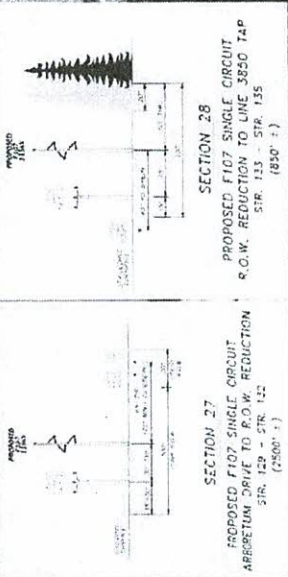
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Drawn By: dpelletier

Date: 7/25/2018 Project No: 22860.003

Pub: J:\Project\SNH\_F107\MSRP\_MeSet\_Supplements.mxd

Wetland ID	Impact Type	Area (Sq. Ft.)
NW1 (PEM/ISS1)	Permanent (SF F107-132)	20
NW1 (PEM/ISS1)	Temporary	6093
NW3 (PEM/ISS1)	Temporary	1256
NW3 (PEM/ISS1)	Temporary	4685
NW3 (PEM/ISS1)	Permanent (SF F107-133)	20
NW3 (PEM/ISS1)	Temporary	4101
NW4 (PEM/ISS1)	Permanent (SF F107-135)	0
NW4 (PEM/ISS1)	Temporary	14112



Parcel boundary and owner data were acquired from municipal databases as of October 2017.  
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**Seacoast Reliability Project**

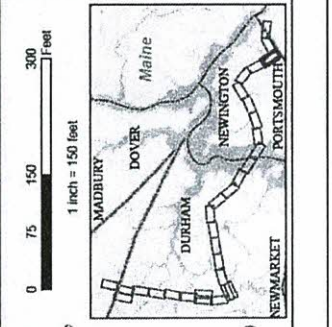
**Revised Environmental Maps**

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants



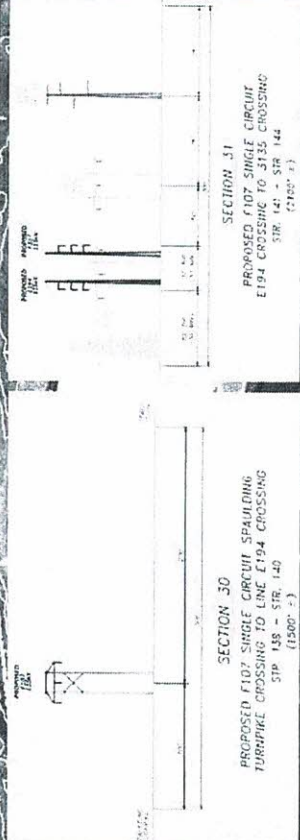
**Legend**

- 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 Fence, Hay Bale, Erosion Control Mat
- Straw Wattle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Temporary Stone Wall 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
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Total Buffer Zone
- Highest Observable Tide
- Line Reference Line (ft Contour)
- Mean Lower Low Water
- all other values >

Drawn By: dpolelter  
Date: 7/25/2016  
Project No: 22860 003



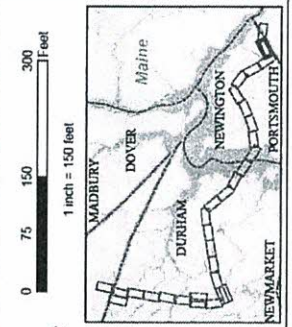
Wetland ID	Wetland Type	Area (Sq. Ft.)
NW42 (PERM/ABIE)	Temporary	765
NW43 (PERM/IE)	Temporary	4101



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## Seacoast Reliability Project

### Revised Environmental Maps



Scale: 1 inch = 150 feet

0 75 150 300 Feet

North Arrow

**Legend**

- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- State
- Railroad
- Access Road
- Approval
- Pending Owner

**Legend**

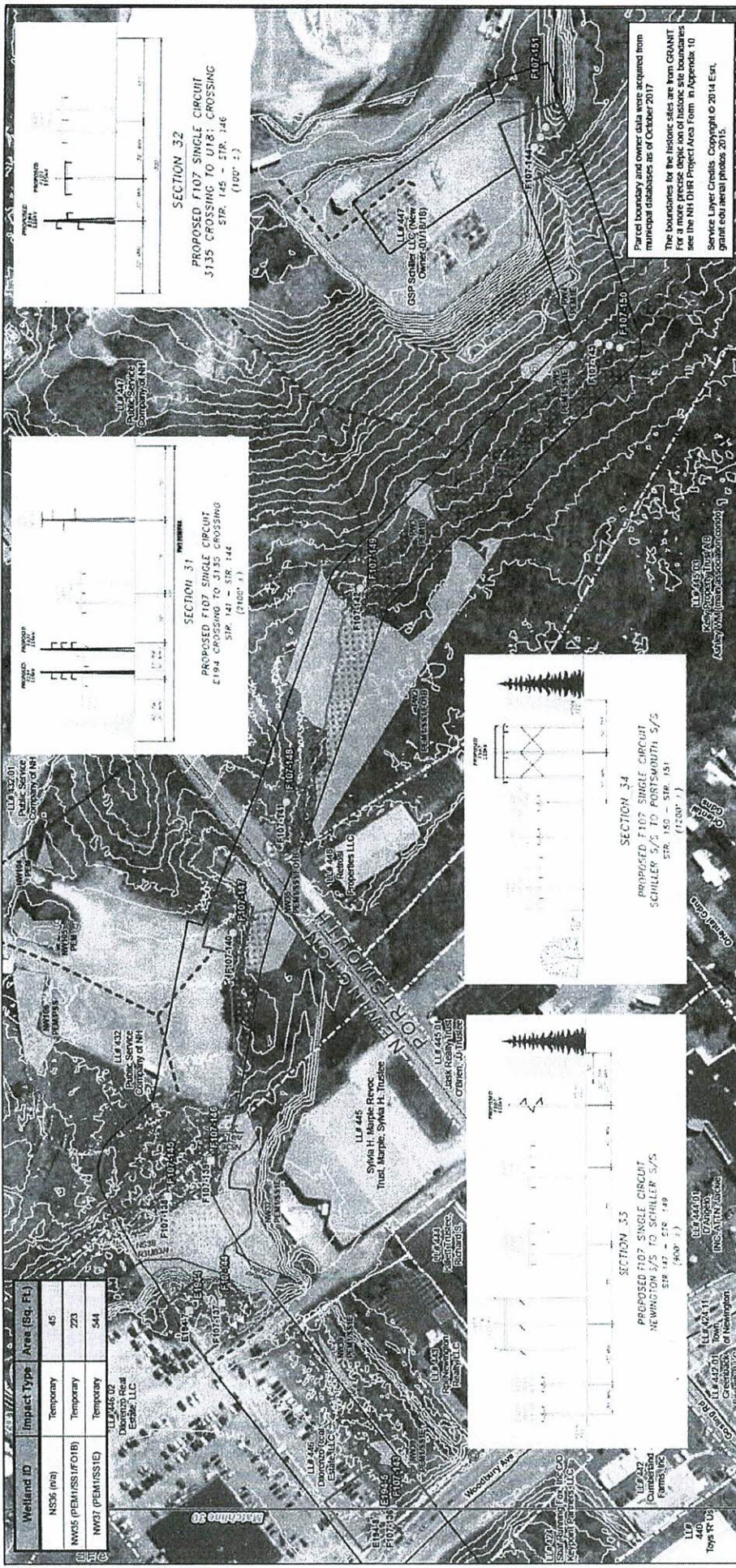
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control, Mix Berm
- Straw Wattle
- Wetland
- Prims Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Town Boundary

**Legend**

- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- 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

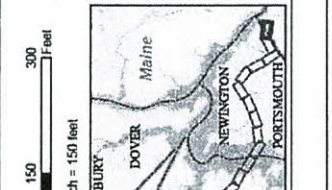
**Legend**

- all other values >
- Structures
- Direct Embed
- Drilled Pier
- Relocated Distribution
- Steep Slope BMPs
- Tree Clearing
- Stream Buffer
- 2R Contour
- Tidal Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water



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 DHP Project Area Form in Appendix 10 Services Layer Credits. Copyright © 2014 Esri, great oblique aerial photos 2015.

**Seacoast Reliability Project**  
**Revised Environmental Maps**



Legend for symbols:

- Approximate Parcel Boundary
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Underground Cable
- Project Corridor
- Work Pad
- Roads
- Local
- Not Maintained
- Private
- State
- Railroad
- Access Rd. Pending Owner Approval
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stonewall alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Designated River Buffer 250'
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- Wetland Impact (TEMP)
- Tow Boundary
- Structures
- Direct Embed
- Drilled Pier
- Relocated Distribution
- Tree Clearing
- Stream Buffer
- 2R Contour
- Tidal Buffer Zone
- Highest Observable Tide
- Lowest Observable Tide (ft Contour)
- Mean Lower Low Water

Drawn By: dpelleter  
 Date: 7/25/2018  
 Project No: 22880.003