



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

PUBLIC NOTICE

Comment Period Begins: February 21, 2012
Comment Period Ends: March 21, 2012
File Number: 2010-1484
In Reply Refer To: Ted Lento
Phone: (978) 318-8863
E-mail: ted.lento@us.army.mil

The District Engineer has received a permit application from the applicant below to conduct work in waters of the United States as described below.

APPLICANT NSTAR Electric Company
One NSTAR Way, NE250
Westwood, MA 02090-9230

ACTIVITY NSTAR is proposing to place fill material within wetlands and waterways in conjunction with improvements to its transmission system in Southeastern Massachusetts. The proposed improvements include 18 miles of new 345 kV overhead transmission line on existing NSTAR rights of way ("ROW") and separation of an existing double circuit 345 kV transmission line crossing of the Cape Cod Canal onto separate sets of structures. The new transmission line will run from an existing NSTAR substation in Carver within existing ROW in the towns of Carver, Plymouth and Bourne, to the vicinity of NSTAR's existing Bourne Switching Station located on the east side of the Cape Cod Canal within the Massachusetts Military Reservation. The existing ROWs range in width from 300 to 400 feet and presently accommodate two 345 kV lines on separate towers. The new 345 kV line will be constructed within an approximately 75 ft wide work zone located on one side of the ROW. A detailed description and plans of the activity are attached.

WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed within wetlands and waterways located in the NSTAR right of way that crosses the Towns of Carver, Plymouth and Bourne, Massachusetts.

Westernmost point: 70° 47' 21.119' W 41° 53' 53.104" N

Easternmost point: 70° 21' 0.71" W 41° 41' 14.3" N

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 Corps of Engineers 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. Any comments received will be considered by the Corps of Engineers 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.

SECTION 106 COORDINATION

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. Additional review and consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

ENDANGERED SPECIES CONSULTATION

The New England District, Army Corps of Engineers has reviewed the list of species protected under the Endangered Species Act of 1973, as amended, which might occur at the project site. 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 any Federally listed endangered or threatened species or their designated critical habitat. By this Public Notice, we are requesting that the appropriate Federal Agency concur with our determination.

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.

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 Ted Lento at (978) 318-8863, (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

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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.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Karen Kirk Adams
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at 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: _____

PROPOSED WORK AND PURPOSE

The proposed improvements include 18 miles of new 345 kV overhead transmission line on existing NSTAR rights of way ("ROW") and the separation of an existing double circuit 345 kV transmission line crossing of the Cape Cod Canal onto separate sets of structures that will require the placement of seven transmission line structures in wetlands (out of a proposed total of 109 structures), the temporary placement of swamp mats in 1.13 acres of wetland during construction and the conversion of approximately 4.6 acres of forested wetlands to scrub-shrub wetlands. A temporary workspace of approximately 50 feet by 70 feet will be established at each of the structure locations for foundation work and structure assembly. Approximately 196 square feet of wetlands will be permanently filled for seven steel monopole tower foundations that will consist of reinforced concrete caissons.

The aerial crossing of the Cape Cod Canal requires authorization under Section 10 of the Rivers and Harbors Act. The proposed Cape Cod Canal crossing will be located within existing NSTAR easements. No in-water work or discharges of dredged or fill material into waters of the U.S. including any related secondary effects are proposed at the Cape Cod Canal crossing. Line clearances over the Canal (approximately 165 ft above Mean High Water) for both the new line and the separated lines will match the existing 345 kV transmission line clearance and are based on the low point of the lines under conditions that produce the greatest sag.

The work is described on the enclosed plans entitled "PROPOSED NEW TRANSMISSION LINE LOWER SEMA – LINE 399 PROJECT" on 15 sheets, and dated October 2011.

The project purpose is to increase the reliability and efficiency of the regional electric transmission system serving Southeastern Massachusetts by alleviating existing and projected transmission-capacity overloads.

MITIGATION –

Structures to support the transmission line were located to avoid wetlands and waterways to the maximum extent practicable.

Efforts to minimize impacts to the aquatic habitat include the following:

- ◆ Using public access roads to gain access onto the ROW wherever practicable
- ◆ Once construction vehicles are on the ROW they will rely upon the existing maintenance access roads which run nearly the full length of ROW;
- ◆ Limiting or restricting construction vehicle access in sensitive areas (e.g., wetlands, rare species habitat, archaeological resources and vernal pools); using protective temporary fencing or other barriers where appropriate;
- ◆ Using erosion control and Best Management Practices during construction;
- ◆ Developing site-specific erosion control measures at wetland crossings;
- ◆ Stabilizing and re-vegetating disturbed areas as soon as practicable;
- ◆ Locating transmission structures outside of wetlands wherever practicable;
- ◆ Felled trees from vegetation clearing work will not be uprooted in wetlands to prevent disruption to the soil

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structure; and

- ◆ Using swamp mats to provide access to new transmission structures and associated work zone in wetlands.

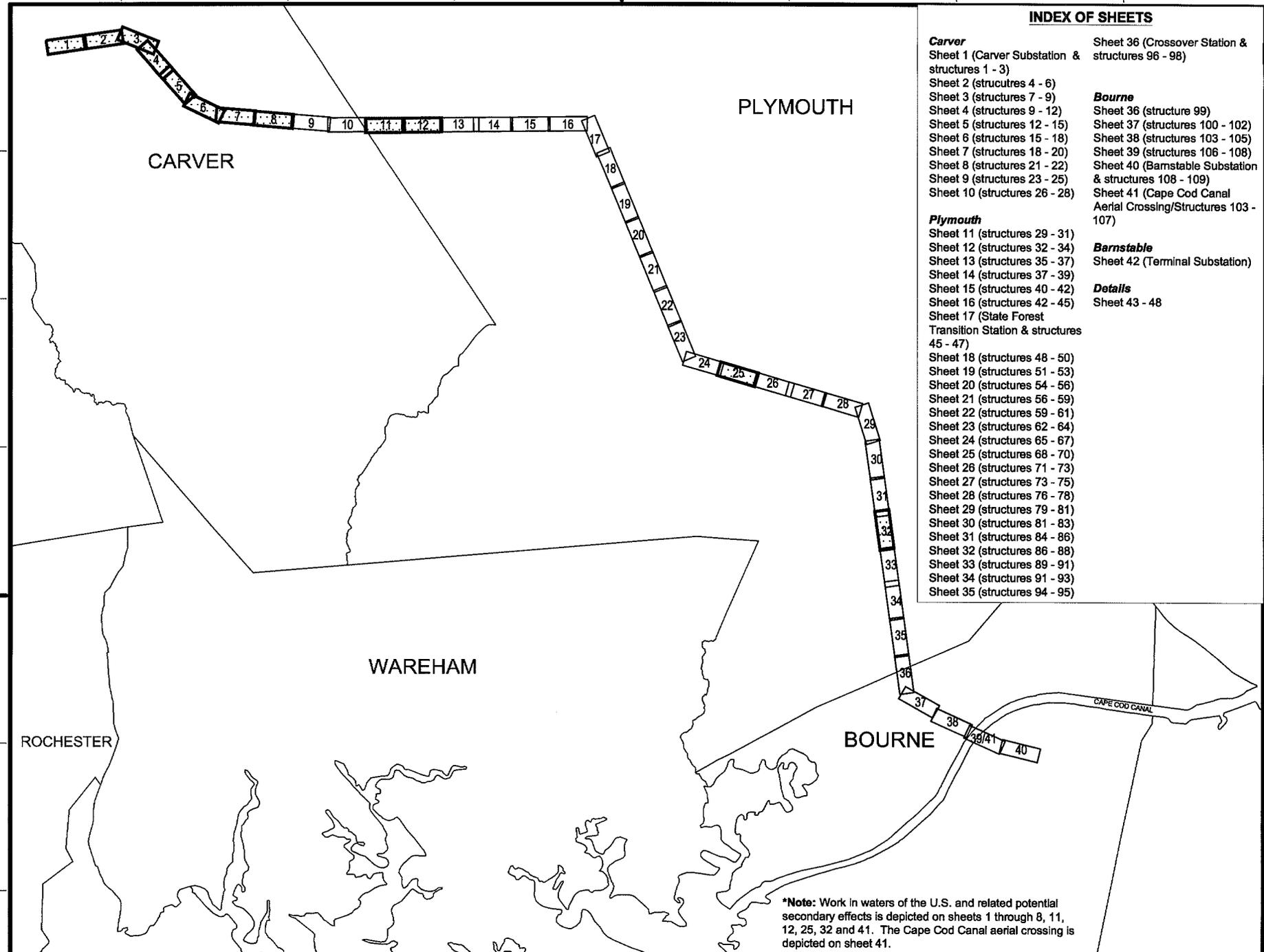
Land preservation is proposed as compensation for unavoidable impacts to wetlands and waterways. The following six potential mitigation sites were evaluated by NSTAR:

- Site 1 (Preferred Site) (Carr Family Boggs, LLC):~ 37 acres contiguous parcel located in the Town of Rochester adjacent to the Marion town line at the end of Perry's Lane.
- Site 2 – Wareham (Sawyer/ Vincent): This site is comprised of two parcels totaling approximately 22 acres and is bounded by the Lyman Reserve on the north and east, and Town owned public water supply lands to the south and east. Abuts the Plymouth town line south of Route 25.
- Site 3 – Rochester (Mary's Pond Road (Hiller)): This site is comprised of one parcel of land, approximately 15 acres and is bounded by Mary's Pond Road, on the east, and Leonard's Pond to the west and southwest in Rochester. Adjacent lands to the north and south are forested. Active bog operations surround the parcel. The site is undeveloped, predominantly upland forest, with some undulating topographic relief.
- Site 4 – The Plymouth (0 Center Hill Road) site consists of 3 parcels totaling approximately 17 acres located between State Road (Route 3A) and Center Hill Road in Plymouth, MA. The southeast corner of the property is approximately 625 feet northwest of Center Hill Pond and roughly 1000 feet from the Atlantic Ocean. The property is surrounded by undeveloped upland forest located within a landscape context of residential development interspersed with woodlands and commercial cranberry bog operations.
- Site 5 – The Plymouth (30 Lake Road) property is approximately 26 total acres subdivided into multiple smaller parcels and proposed roads (see Town of Plymouth Assessors Map # 62 dated January 1, 2011). The property is located in the "Eastland Heights" section of Plymouth, south of Old Sandwich Road and north of Lake Road at the northwest perimeter of Savory Pond. The property is surrounded primarily by undeveloped forested uplands interspersed with low-density residential development and Savory Pond to the southeast.
- Site 6 – The Plymouth (100 Hollis Road) site is comprised of one parcel of land approximately 15 acres in area. The property is located between Little Island Pond to the west and Beaver Dam Pond to the northeast. The property is bounded by Hollis Road along its western extent and borders recent residential development (i.e. single family homes on Edgewater Drive) to the north. There is low-density residential development surrounding the parcel in all directions.

While a number of the sites appear to satisfy the Corps criteria for preservation the preferred site (Site 1, located in Rochester, Massachusetts) offers the greatest potential benefits from a functions and values preservation perspective. The site contains a mix of wetland areas and upland buffers to onsite and offsite wetlands and falls towards the higher range of the mitigation size criteria for preservation at approximately 37 acres of which 33.7 acres is comprised of uplands and 3.1 acres is comprised of wetlands. It has a strong potential to be developed due to its proximity to existing development. It also abuts existing protected open space to the west and south.

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***Note:** Work in waters of the U.S. and related potential secondary effects is depicted on sheets 1 through 8, 11, 12, 25, 32 and 41. The Cape Cod Canal aerial crossing is depicted on sheet 41.

INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEM SERVING CAPE COD.

NSTAR ELECTRIC & GAS CORP

DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
PROJECT NO.	



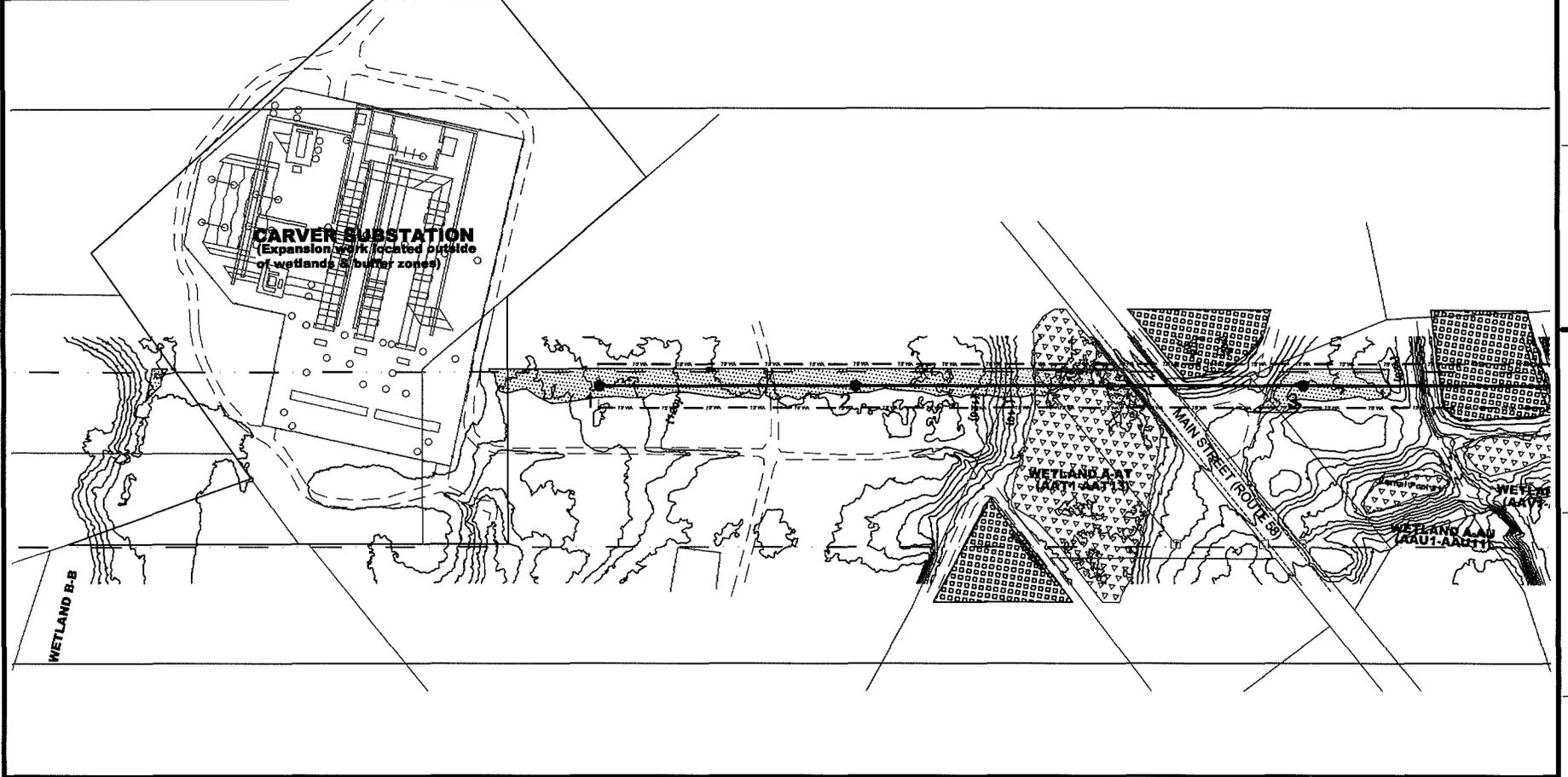
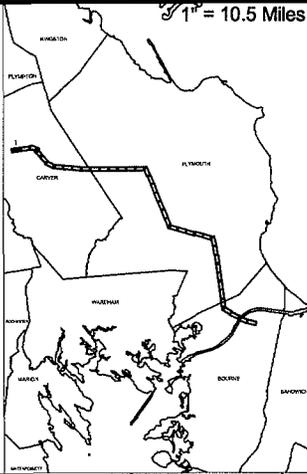
VANDERWEIL
 110 Appleton Street, Suite 200
 Plymouth, MA 01901
 Tel: 508-833-1100
 Fax: 508-833-1101
 www.vanderweil.com

PROPOSED NEW TRANSMISSION LINE LOWER SEMA - LINE 399 PROJECT
 ADJACENT TO UNNAMED WETLANDS & STREAMS / CAPE COD CANAL
 IN BARNSTABLE & PLYMOUTH COUNTIES, MA
 PLYMOUTH, CARVER, BOURNE, AND WAREHAM

DATE	
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PROJECT NO.	
SHEET NO.	COVER SHEET

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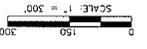
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- - - - - Right-of-Way Access Path (existing)
- - - - - C/L Ditch
- - - - - OHWM
- Tree clearing within ROW
- ▽ Freshwater Wetlands
- ▣ Cranberry Bog
- LUW (Open Water)
- ▧ Swamp Mat - Wetland Crossing (16' wide)
- ▨ No Access Area (Protect wire/snow fence)
- ▩ Equipment Work Area (75' Wide)
- New Line 399 Structures



<p>INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEM SERVING CAPE COD.</p>	<p>NSTAR ELECTRIC & GAS CORP</p>	<p>SCALE: 1" = 300'</p>		<p>VANDERWEIL</p> <p><small>811 Water Street, Suite 100 PO Box 100 Sandwich, MA 01963 www.vanderweil.com</small></p>	<p>PROPOSED NEW TRANSMISSION LINE LOWER SEMA - LINE 399 PROJECT</p> <p><small>ADJACENT TO UNNAMED WETLANDS & STREAMS / CAPE CODE CANAL AT SANDWICH & FLYING WING COUNTY, MA. FLYING WING, CARVER, BOONE, AND SANDWICH.</small></p>	<p>DATE: _____</p> <p>SCALE: _____</p> <p>PROJECT: _____</p> <p>SHEET: SHEET 1 OF 48</p>
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INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEMS SERVING CAPE COD.

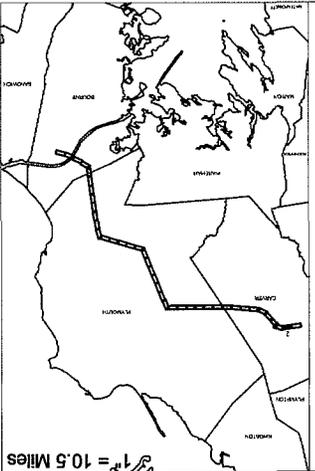
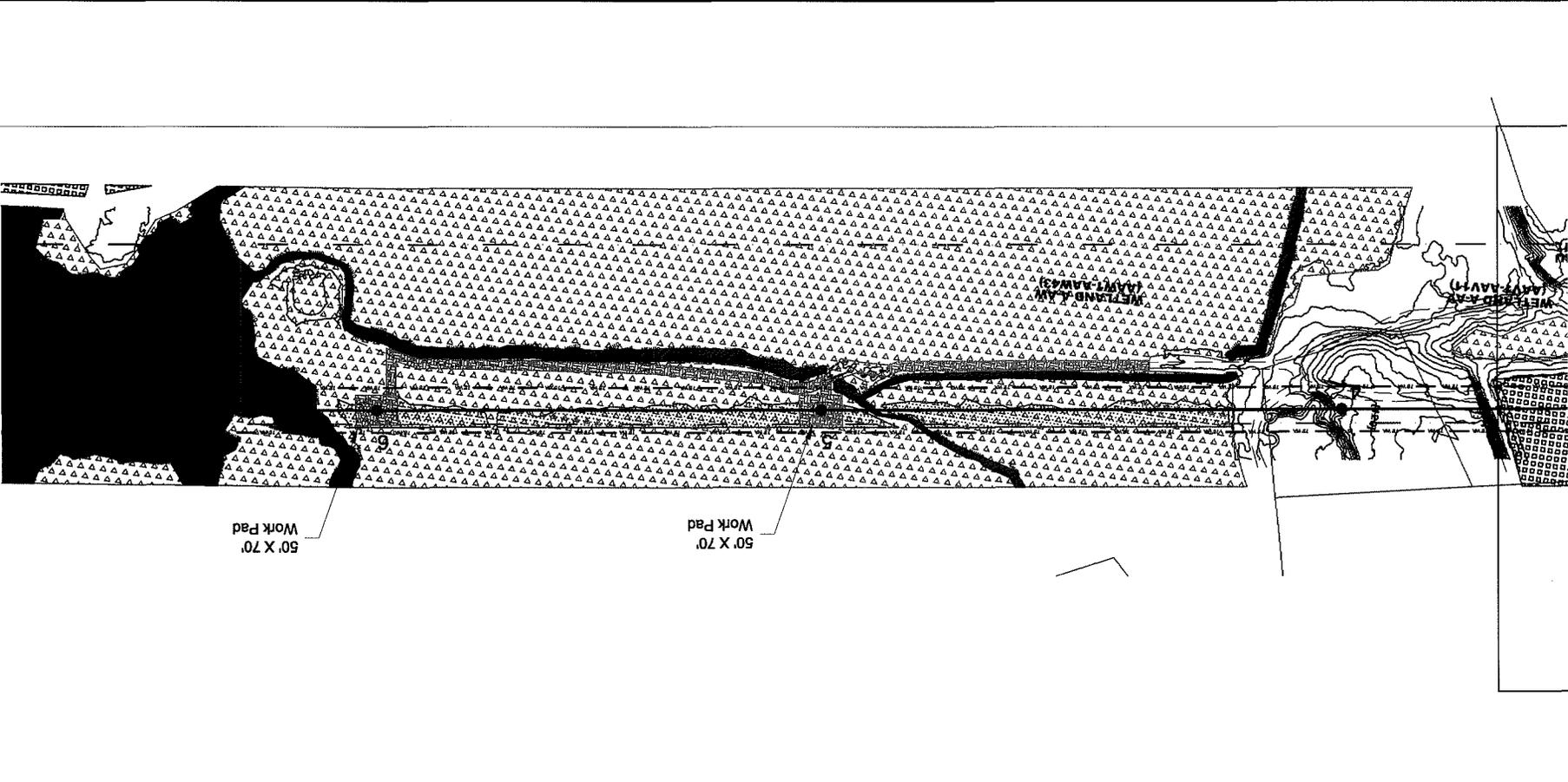
NSTAR ELECTRIC & GAS CORP



VANDERWEIL
 100 WASHINGTON STREET
 SUITE 200
 WESTPORT, MASSACHUSETTS 01981
 TEL: 508-548-1100
 FAX: 508-548-1101

PROPOSED NEW TRANSMISSION LINE
 LOWER SEMA - LINE 399 PROJECT
 INVESTMENT WITH AID & FINANCIAL COOPERATION
 FROM THE COMMONWEALTH AND BARNSTABLE COUNTY

SHEET 2 OF 48



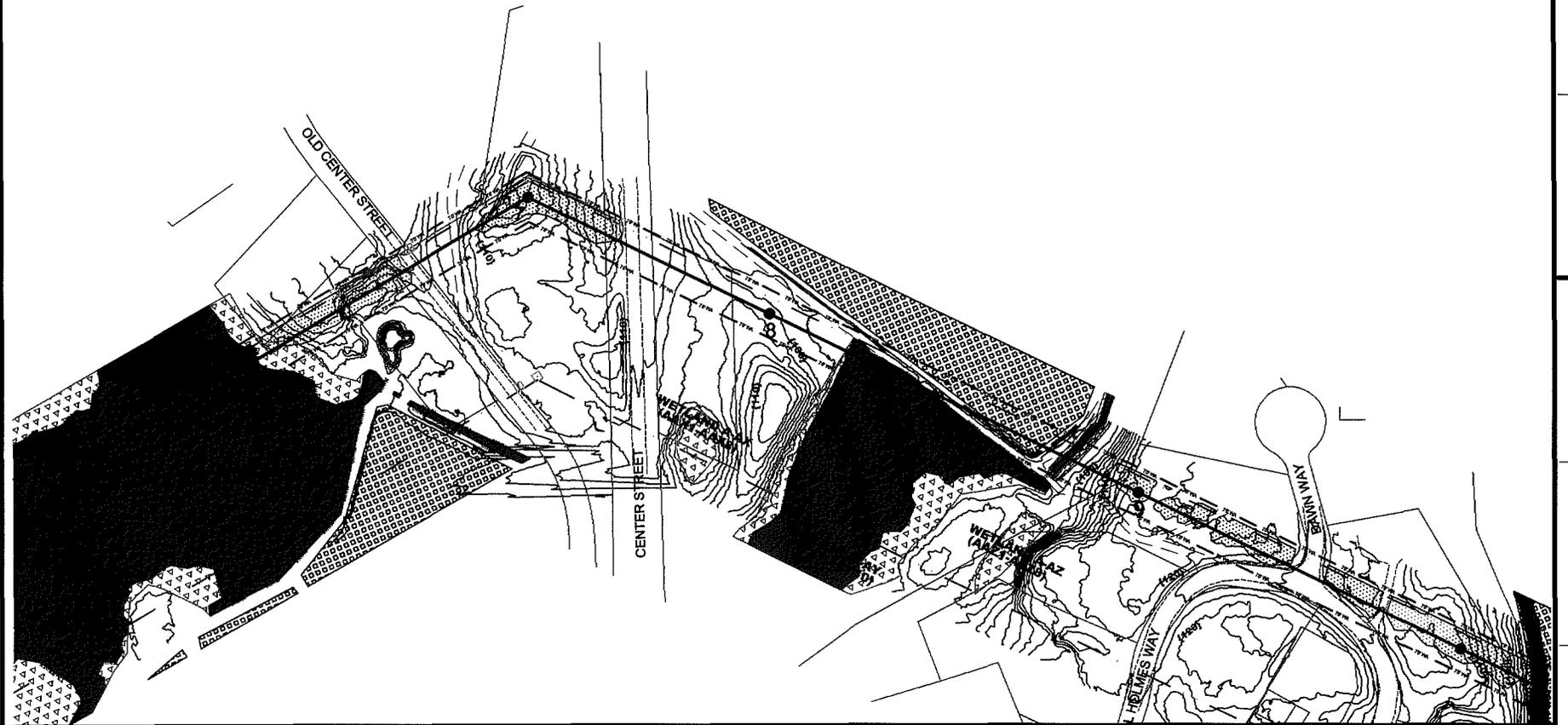
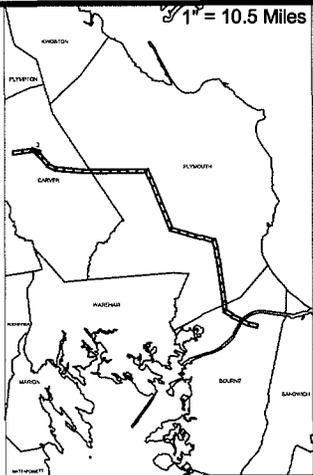
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	Right-of-Way Access Path (existing)
	C/L Ditch
	OHWM
	Tree clearing within ROW
	Freshwater Wetlands
	Cranberry Bog
	LUW (Open Water)
	Swamp Mat - Wetland Crossing
	No Access Area (15' wide)
	Protect Wetlands snow fence
	Equipment Work Area (75' wide)
	New Line 399 Structures

1" = 10.5 Miles

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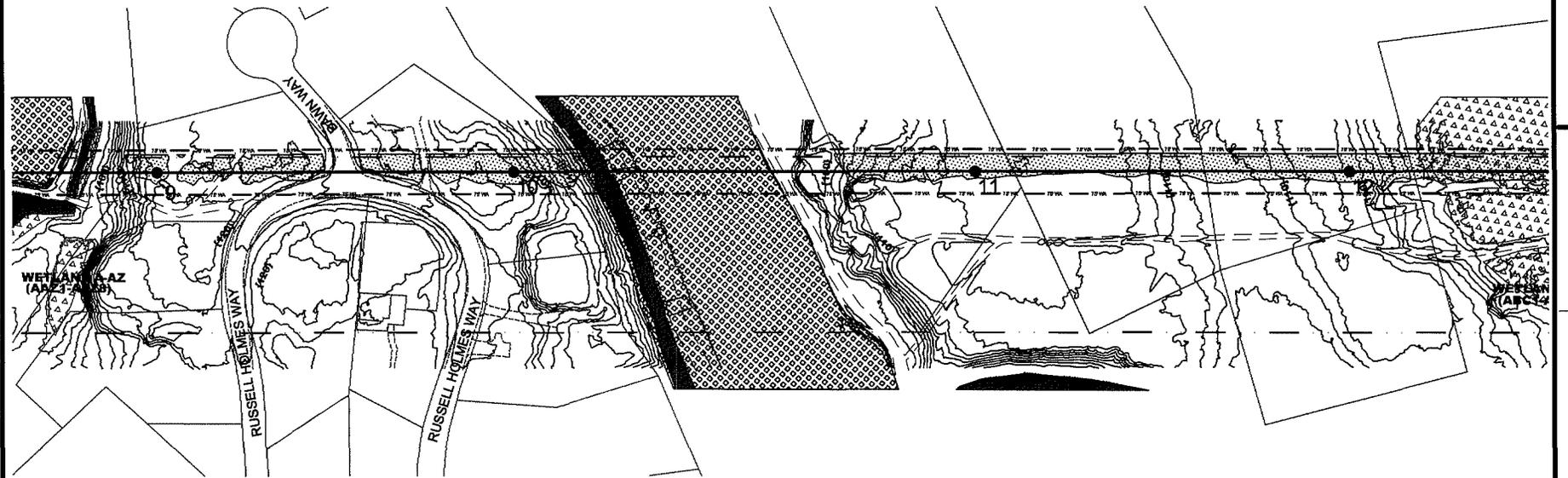
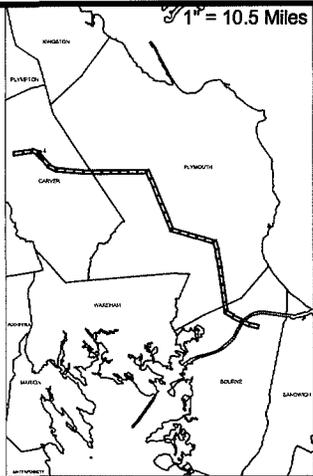
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<p>INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEM SERVING CAPE COD.</p>	<p>NSTAR ELECTRIC & GAS CORP</p>	<p>0 150 300 SCALE: 1" = 300'</p>		<p>VANDERWEIL 44 WASHINGTON STREET 214 Lower Street Wenham, MA 01984</p>	<p>PROPOSED NEW TRANSMISSION LINE LOWER SEMA - LINE 399 PROJECT</p> <p>ADJACENT TO UNARMED WETLANDS & STREAMS / CAPE CODE CANAL AT: BARNSTABLE & PLYMOUTH COUNTY, MA PLYMOUTH, CARVER, SCARBOROUGH, AND SANDWICH</p>	<p>DATE: _____ SCALE: _____ PROJECT: _____</p>
<p>SHEET 3 OF 48</p>						

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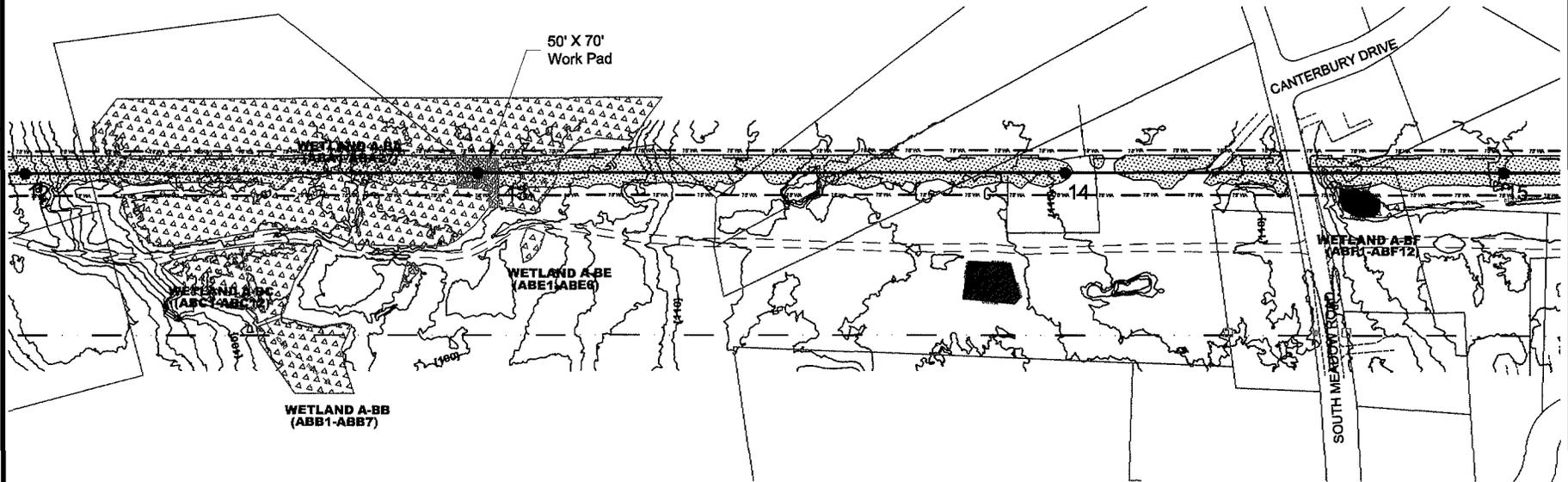
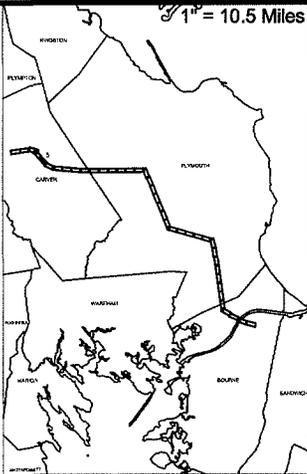
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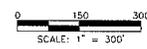


INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEM SERVING CAPE COD.

PROJECT NUMBER:
 DRAWING NUMBER:
 DATE:
 APPLICATION:

NSTAR ELECTRIC & GAS CORP

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DRAWN BY	APPROVED
CHECKED BY	APPROVED
DATE	



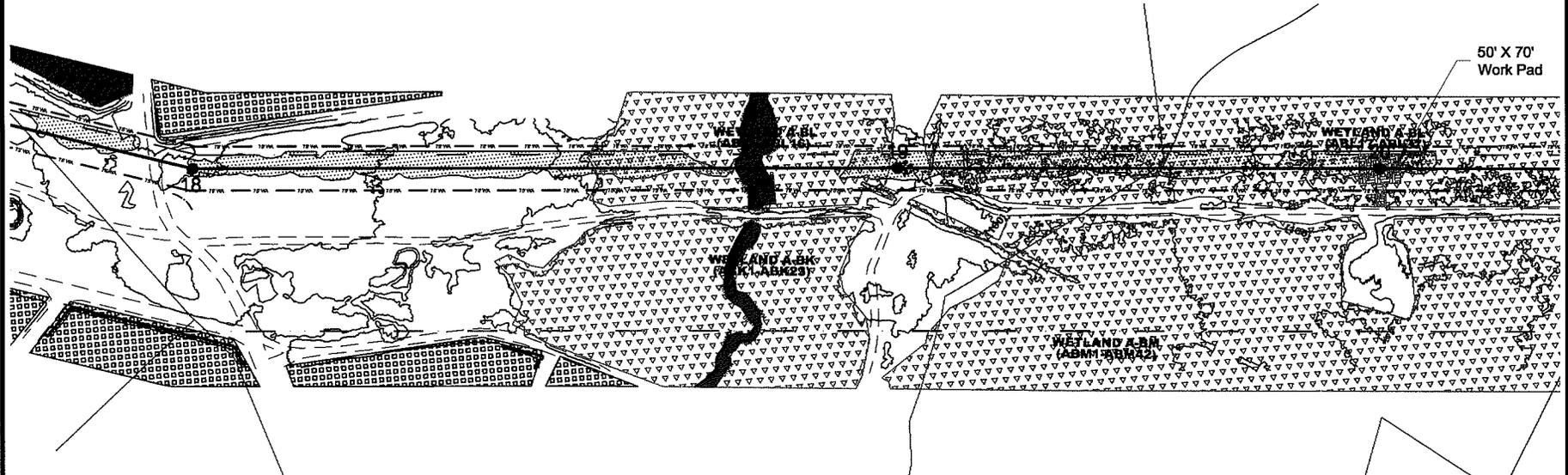
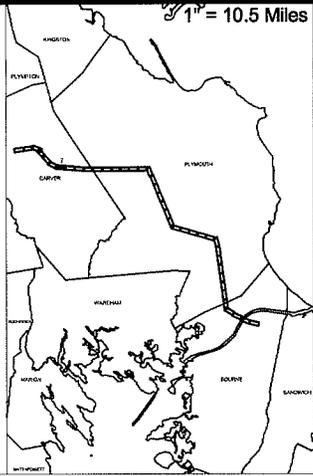
VANDERWEIL
 40 W. WASHINGTON STREET, SUITE 201
 74 SUMNER STREET
 BOSTON, MA 02112
 TEL: 617.552.3763
 FAX: 617.552.1444
 WWW.VANDERWEIL.COM

PROPOSED NEW TRANSMISSION LINE LOWER SEMA - LINE 399 PROJECT
 ADJACENT TO UNNAMED WETLANDS & STREAMS / CAPE CODE CANAL
 AT BARNSTABLE & PLYMOUTH COUNTY, MA
 PLYMOUTH, CHATHAM, KIRKLAND, AND SANDWICH

DATE	BY

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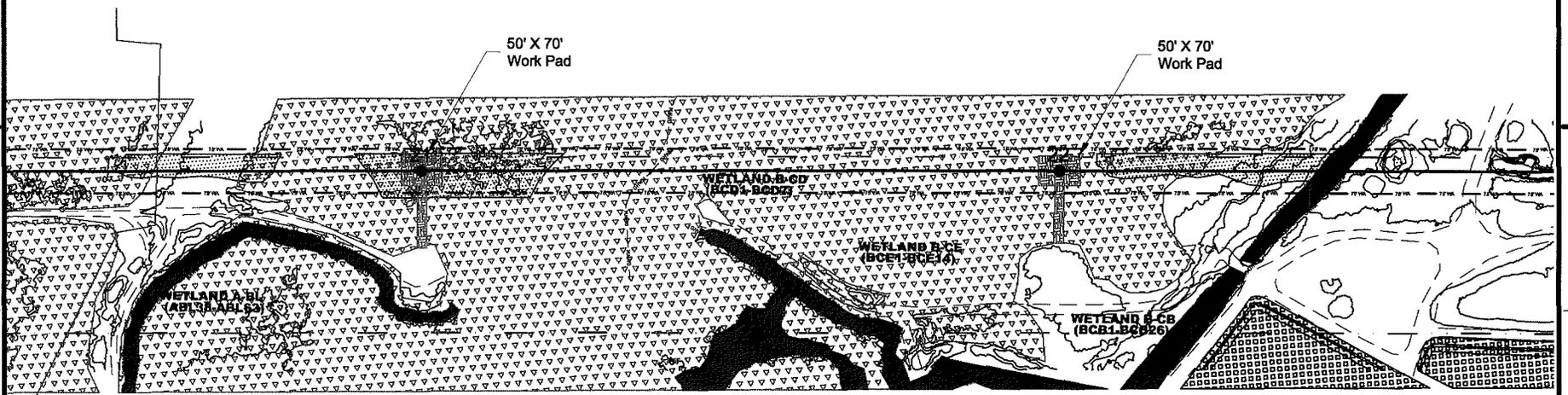
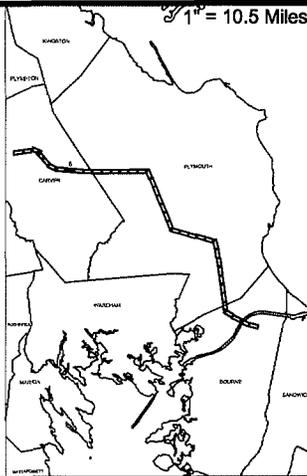
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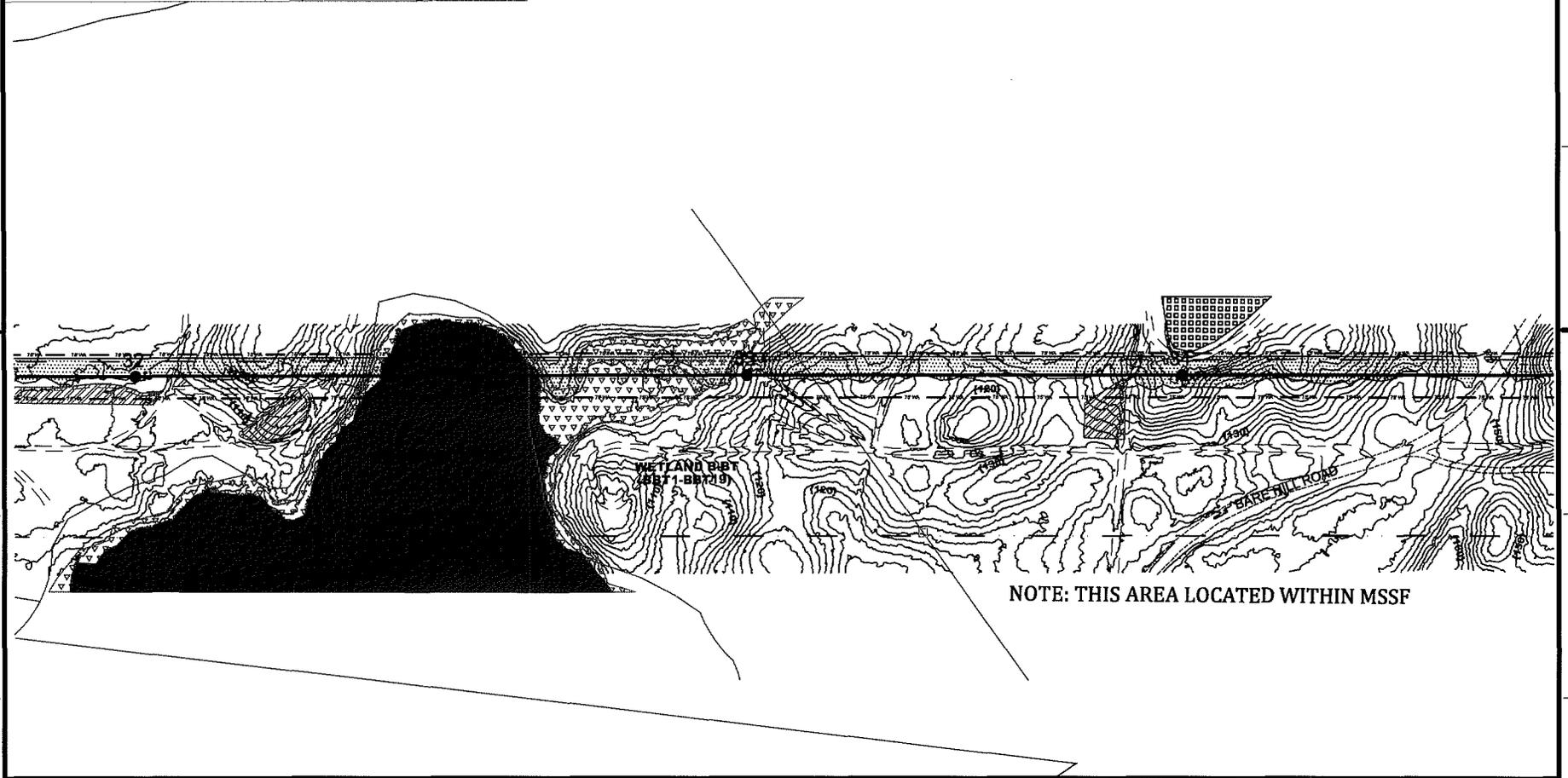
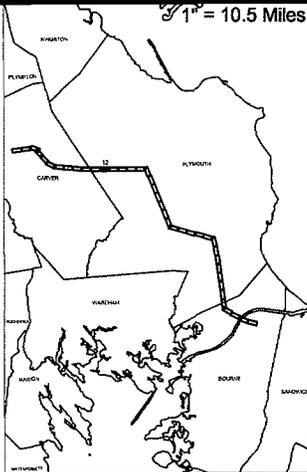
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-  Equipment Work Area (75' Wide)
-  New Line 399 Structures



<p>INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEM SERVING CAPE COD.</p>	<p>NSTAR ELECTRIC & GAS CORP</p>			<p>VANDERWEIL</p> <p style="font-size: small;">200 Commercial Center Dr. Plymouth, MA 01959 978-435-1200 www.vanderweil.com</p>	<p>PROPOSED NEW TRANSMISSION LINE LOWER SEMA - LINE 399 PROJECT</p> <p style="font-size: x-small;">ADJACENT TO UNNAMED WETLANDS & STREAMS / CAPE CODE CANAL AT BARNSTABLE & PLYMOUTH COUNTY, MA PLYMOUTH, CARVER, WINDHAM, AND SANDWICH</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: x-small;">DATE</td><td> </td></tr> <tr><td style="font-size: x-small;">BY</td><td> </td></tr> <tr><td style="font-size: x-small;">CHECKED</td><td> </td></tr> <tr><td style="font-size: x-small;">APPROVED</td><td> </td></tr> <tr><td style="font-size: x-small;">SCALE</td><td> </td></tr> <tr><td style="font-size: x-small;">SHEET</td><td> </td></tr> </table>	DATE		BY		CHECKED		APPROVED		SCALE		SHEET	
DATE																		
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SHEET																		
SHEET 6 OF 48																		

Legend

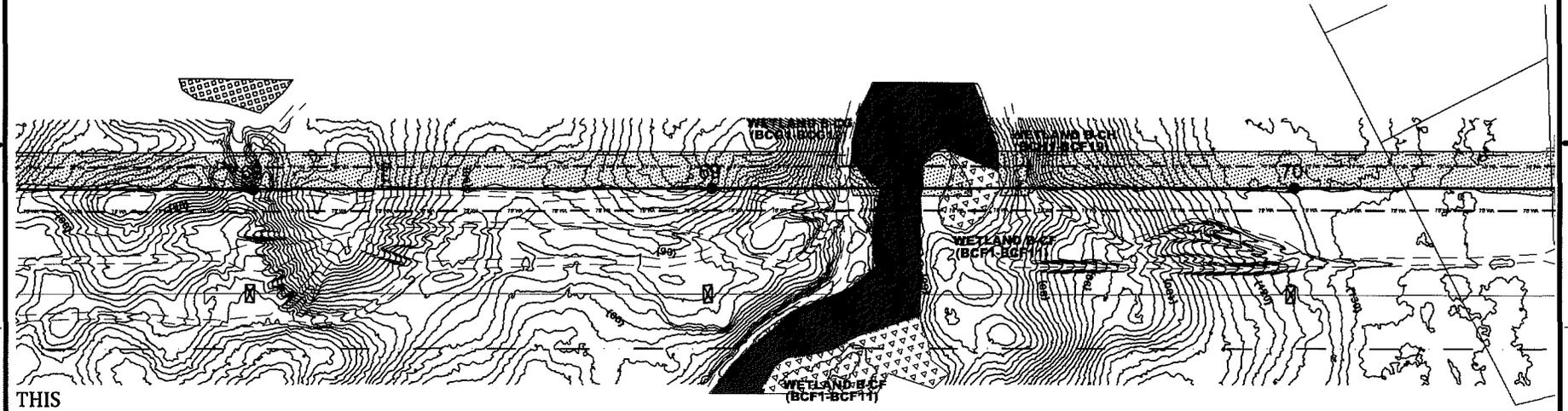
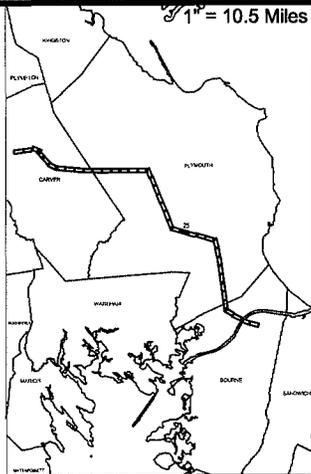
- Edge of Right-of-Way
- Town Line
- Existing 2' Contour Lines
- Right-of-Way Access Path (existing)
- C/L Ditch
- OHWM
- Tree clearing within ROW
- Freshwater Wetlands
- Cranberry Bog
- LUW (Open Water)
- Swamp Mat - Wetland Crossing (18' wide)
- No Access Area (Protect wire/range snow fence)
- Equipment Work Area (75' Wide)
- New Line 399 Structures



<p>INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEM SERVING CAPE COD.</p>	<p>NSTAR ELECTRIC & GAS CORP</p>	<p>SCALE: 1" = 300'</p>		<p>VANDERWEIL</p> <p><small>1100 Commercial Highway #17 250 State Street Salem, MA 01970</small></p> <p><small>217-827-7422 FAX 217-827-7414 FAX vanderweil.com</small></p>	<p>PROPOSED NEW TRANSMISSION LINE LOWER SEMA - LINE 399 PROJECT</p> <p>ADJACENT TO UNNAMED WETLANDS & STREAMS / CAPE CODE CANAL AT BARNSTABLE & PLYMOUTH COUNTY, MA. PLYMOUTH, CARVER, BOURNE, AND SANDWICH</p>	<p>DATE: 11/11/11</p> <p>SCALE: 1" = 300'</p> <p>SHEET 12 OF 48</p>
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Legend

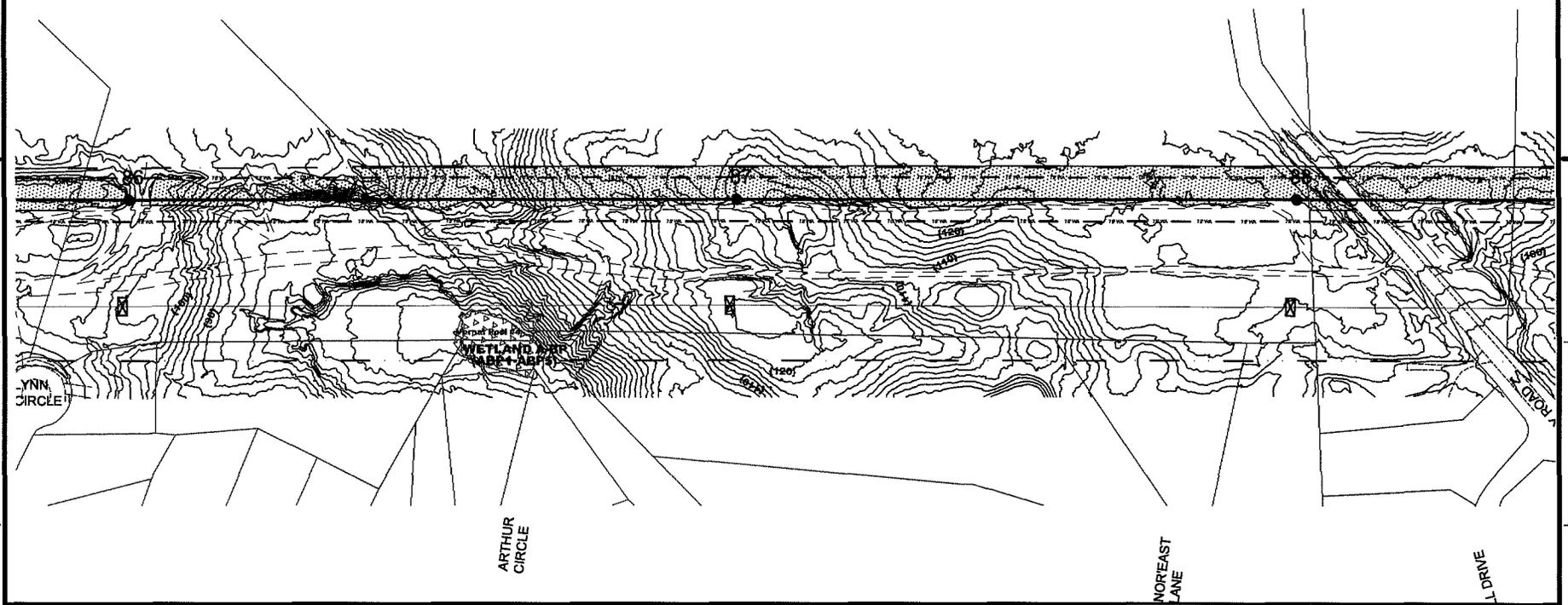
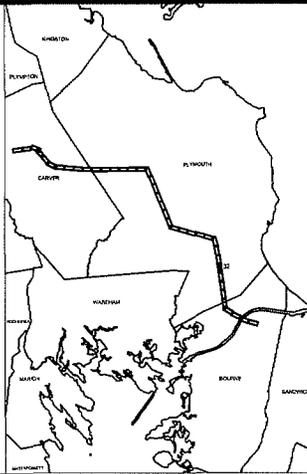
-  Edge of Right-of-Way
-  Town Line
-  Existing 2' Contour Lines
-  Right-of-Way Access Path (existing)
-  C/L Ditch
-  OHWM
-  Tree clearing within ROW
-  Freshwater Wetlands
-  Cranberry Bog
-  LUW (Open Water)
-  Swamp Mat - Wetland Crossing (15' wide)
-  No Access Area (Protect w/ orange snow fences)
-  Equipment Work Area (75' Wide)
-  New Line 399 Structures



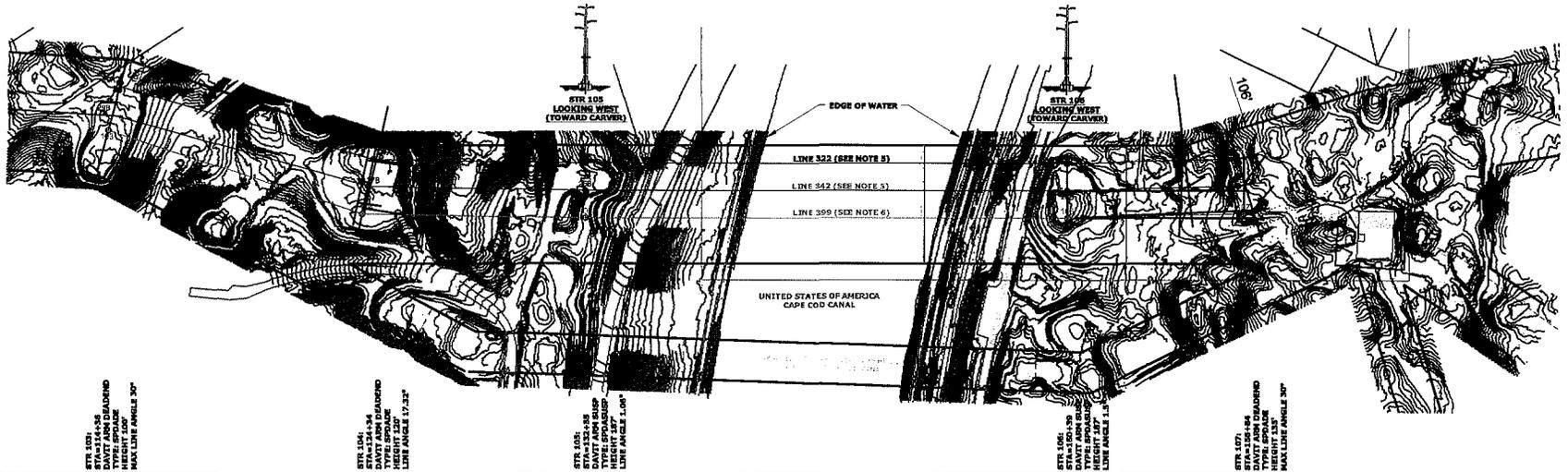
<p>INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEM SERVING CAPE COD.</p>	<p>NSTAR ELECTRIC & GAS CORP</p>	<p>SCALE: 1" = 300'</p>		<p>VANDERWEIL <small>1000 Washington Street, Suite 200 274 Sursum Drive Sandwich, MA 01970</small></p>	<p>PROPOSED NEW TRANSMISSION LINE LOWER SEMA - LINE 399 PROJECT</p> <p>ADJACENT TO UNNAMED WETLANDS & STREAMS / CAPE CODE CANAL AT SANDWICH & PLYMOUTH COUNTIES, MA</p>	<p>DATE: _____ DRAWN BY: _____ CHECKED BY: _____ PROJECT NUMBER: _____ SHEET 25 OF 48</p>
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Legend

-  Edge of Right-of-Way
-  Town Line
-  Existing 2' Contour Lines
-  Right-of-Way Access Path (existing)
-  C/L Ditch
-  OHWM
-  Tree clearing within ROW
-  Freshwater Wetlands
-  Cranberry Bog
-  LUW (Open Water)
-  Swamp Mat - Wetland Crossing (18' wide)
-  No Access Area (Protect w/orange snow fence)
-  Equipment Work Area (75' Wide)
-  New Line 399 Structures



INCREASE THE RELIABILITY AND EFFICIENCY OF THE REGIONAL ELECTRIC TRANSMISSION SYSTEM SERVING CAPE COD.	NSTAR ELECTRIC & GAS CORP	SCALE: 1" = 300' 		VANDERWEIL 100 WASHINGTON STREET 01902-1000 508/746-2228	PROPOSED NEW TRANSMISSION LINE LOWER SEMA - LINE 399 PROJECT ADJACENT TO UNNAMED WETLANDS & STREAMS / CAPE COD CANAL AT: SANDWICH & PLYMOUTH COUNTIES, MA, PLYMOUTH, CARYVILLE, EQUINE, AND SANDWICH	SHEET 32 OF 48
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STR. 321
STA=134+56
DAUNT ARM CLEARING
TYPE SPAN
HEIGHT 150'
MAX. LINE ANGLE 30'

STR. 342
STA=135+84
DAUNT ARM CLEARING
TYPE SPAN
HEIGHT 150'
MAX. LINE ANGLE 30'

STR. 399
STA=137+38
DAUNT ARM CLEARING
TYPE SPAN
HEIGHT 150'
MAX. LINE ANGLE 30'



- NOTES:**
1. SHIELDWIRE:
OPEN, EQUIVALENT TO 7 NO. 8 ALUMINUM
ALL SHIELDWIRE BARS ARE SHOWN @ 80'-P FINAL
 2. CONDUCTOR:
STRIPS 258KCMIL 54/27 ACAR
10,800 LBS @ 0'-P FINAL AFTER TEN-YEAR CREEP DESIGN
TENSION.
CONDUCTOR BARS ARE SHOWN AT 80'-P AND 150'-P.
CONDUCTOR CLEARANCES ARE SHOWN AT 284'-P (UNLESS
OTHERWISE NOTED)
 3. ALL DIMENSIONS & STATIONS ARE GIVEN IN FEET
 4. ALL ELEVATIONS ARE BASED ON NADES DATUM
 5. EXISTING LINES 321 & 342 WILL BE SEPARATED FROM
THE EXISTING LATTICE TOWER ONTO SEPARATE
MONOPOLE STRUCTURES, AS SHOWN.
 6. LINE 399 IS NEW AND WILL BE INSTALLED ON
MONOPOLE STRUCTURES.
 7. ALL WORK WILL OCCUR WITHIN THE LIMITS OF RETAIN'S
EXISTING BARRIEMENT WITH THE CONSENT OF ENGINEERS.
NO STRUCTURES WILL BE INSTALLED ON LAND OWNED
BY THE UNITED STATES.

LEGEND
○ PROPOSED MONOPOLES

INCREASE THE RELIABILITY AND EFFICIENCY OF
THE REGIONAL ELECTRIC TRANSMISSION SYSTEM
SERVING CAPE COD.

NSTAR ELECTRIC & GAS CORP

SCALE: 1" = 200'
HORIZ. SCALE: 1" = 400'
VERT. SCALE: 1" = 80'



VANDERWEIL
ENGINEERS

LOWER SEMA 345KV TRANSMISSION
LINE PROJECT PLAN & PROFILE
CAPE COD CANAL CROSSING
LINES 322, 342, & 399

DATE:	
BY:	
CHECKED:	
APPROVED:	
SCALE:	