

DWG. NO.	DWG. TITLE
<b><u>SEGMENT F - WRIGHT TO DRACUT PIPELINE</u></b>	
PAGE 1	QUAD SHEET
PAGE 37	WAREYARD QUAD SHEET
PAGE 2	QUAD SHEET
PAGE 3	QUAD SHEET
PAGE 38	WAREYARD QUAD SHEET
PAGE 4	QUAD SHEET
PAGE 5	QUAD SHEET
PAGE 6	QUAD SHEET
PAGE 7	QUAD SHEET
PAGE 8	QUAD SHEET
PAGE 39	WAREYARD QUAD SHEET
PAGE 9	QUAD SHEET
PAGE 10	QUAD SHEET
PAGE 40	WAREYARD QUAD SHEET
<b><u>SEGMENT G - WRIGHT TO DRACUT PIPELINE</u></b>	
PAGE 11	QUAD SHEET
PAGE 40	WAREYARD QUAD SHEET
PAGE 41	WAREYARD QUAD SHEET
PAGE 42	WAREYARD QUAD SHEET
PAGE 43	WAREYARD QUAD SHEET
PAGE 12	QUAD SHEET
PAGE 13	QUAD SHEET
PAGE 14	QUAD SHEET
PAGE 15	QUAD SHEET
PAGE 16	QUAD SHEET
<b><u>SEGMENT H - WRIGHT TO DRACUT PIPELINE</u></b>	
PAGE 16	QUAD SHEET
PAGE 17	QUAD SHEET
PAGE 44	WAREYARD QUAD SHEET
PAGE 45	WAREYARD QUAD SHEET
PAGE 18	QUAD SHEET
PAGE 19	QUAD SHEET
PAGE 48	WAREYARD QUAD SHEET
PAGE 46	WAREYARD QUAD SHEET
PAGE 20	QUAD SHEET
PAGE 47	WAREYARD QUAD SHEET
PAGE 21	QUAD SHEET
PAGE 22	QUAD SHEET

DWG. NO.	DWG. TITLE
<b><u>SEGMENT I - WRIGHT TO DRACUT PIPELINE</u></b>	
PAGE 22	QUAD SHEET
PAGE 23	QUAD SHEET
PAGE 24	QUAD SHEET
PAGE 49	WAREYARD QUAD SHEET
PAGE 50	WAREYARD QUAD SHEET
PAGE 25	QUAD SHEET
PAGE 51	WAREYARD QUAD SHEET
PAGE 26	QUAD SHEET
PAGE 27	QUAD SHEET
PAGE 52	WAREYARD QUAD SHEET
PAGE 53	WAREYARD QUAD SHEET
PAGE 28	QUAD SHEET
<b><u>SEGMENT J - WRIGHT TO DRACUT PIPELINE</u></b>	
PAGE 28	QUAD SHEET
PAGE 29	QUAD SHEET
PAGE 54	WAREYARD QUAD SHEET
PAGE 30	QUAD SHEET
PAGE 55	WAREYARD QUAD SHEET
PAGE 31	QUAD SHEET
PAGE 32	QUAD SHEET
PAGE 33	QUAD SHEET
PAGE 34	QUAD SHEET
PAGE 35	QUAD SHEET
PAGE 36	QUAD SHEET
<b><u>SEGMENT K - WRIGHT TO DRACUT PIPELINE</u></b>	
PAGE 36	QUAD SHEET

TENNESSEE GAS PIPELINE COMPANY, L.L.C.  
NORTHEAST ENERGY DIRECT PROJECT

MARKET PATH COMPONENT

NWI COVER SHEET



Tennessee Gas Pipeline Company, L.L.C.  
a Kinder Morgan company



Hatch Mott MacDonald

150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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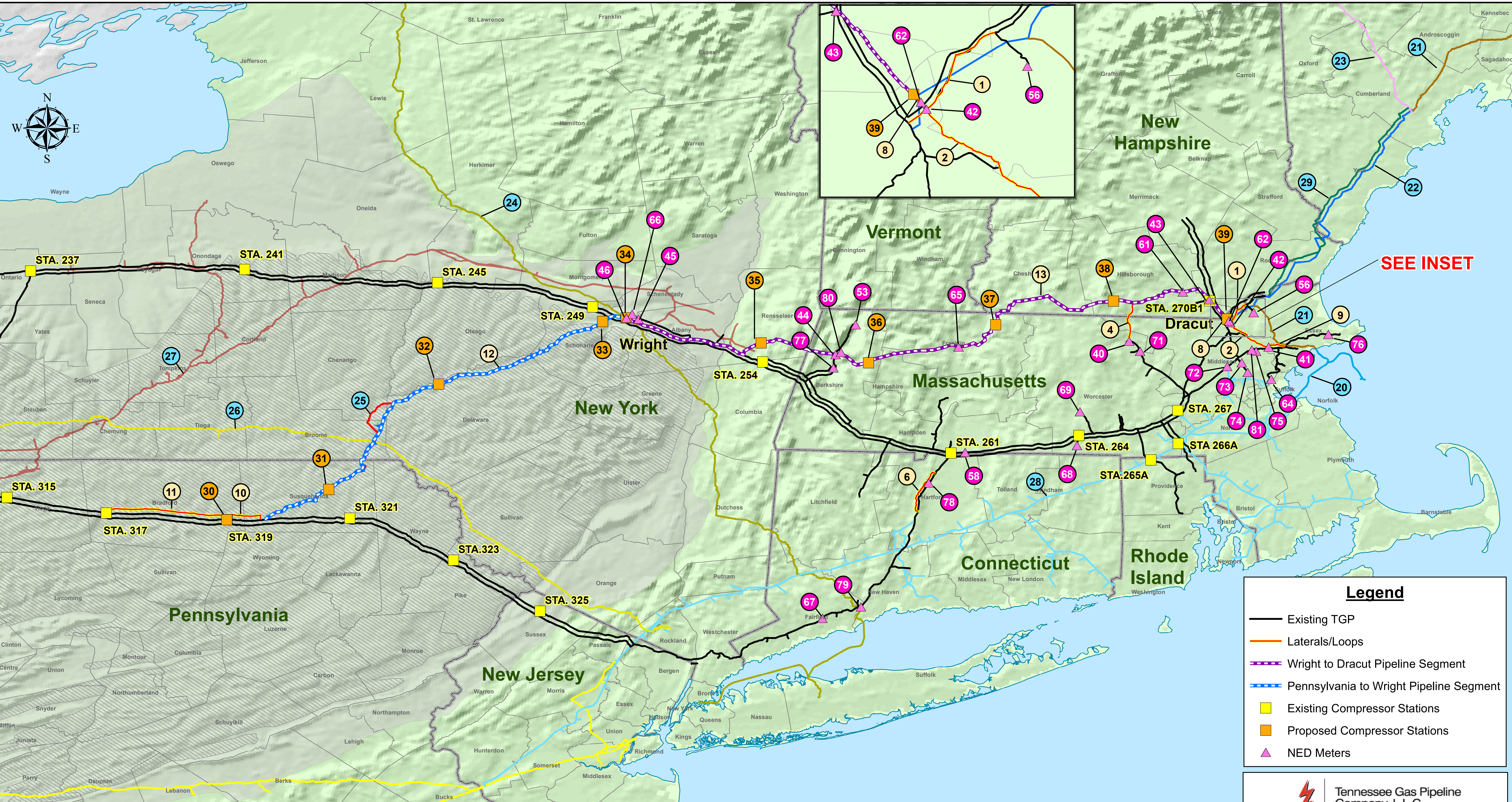
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SEE INSET

### Legend

- Existing TGP
- Laterals/Loops
- Wright to Dracut Pipeline Segment
- Pennsylvania to Wright Pipeline Segment
- Existing Compressor Stations
- Proposed Compressor Stations
- NED Meters

Tennessee Gas Pipeline Company, L.L.C.  
a Kinder Morgan company

## Northeast Energy Direct (NED) Project Location Map

Created By: BWR  
Date: 10/12/2015  
Oct\_2015\_FINAL\_FERC\_Filing

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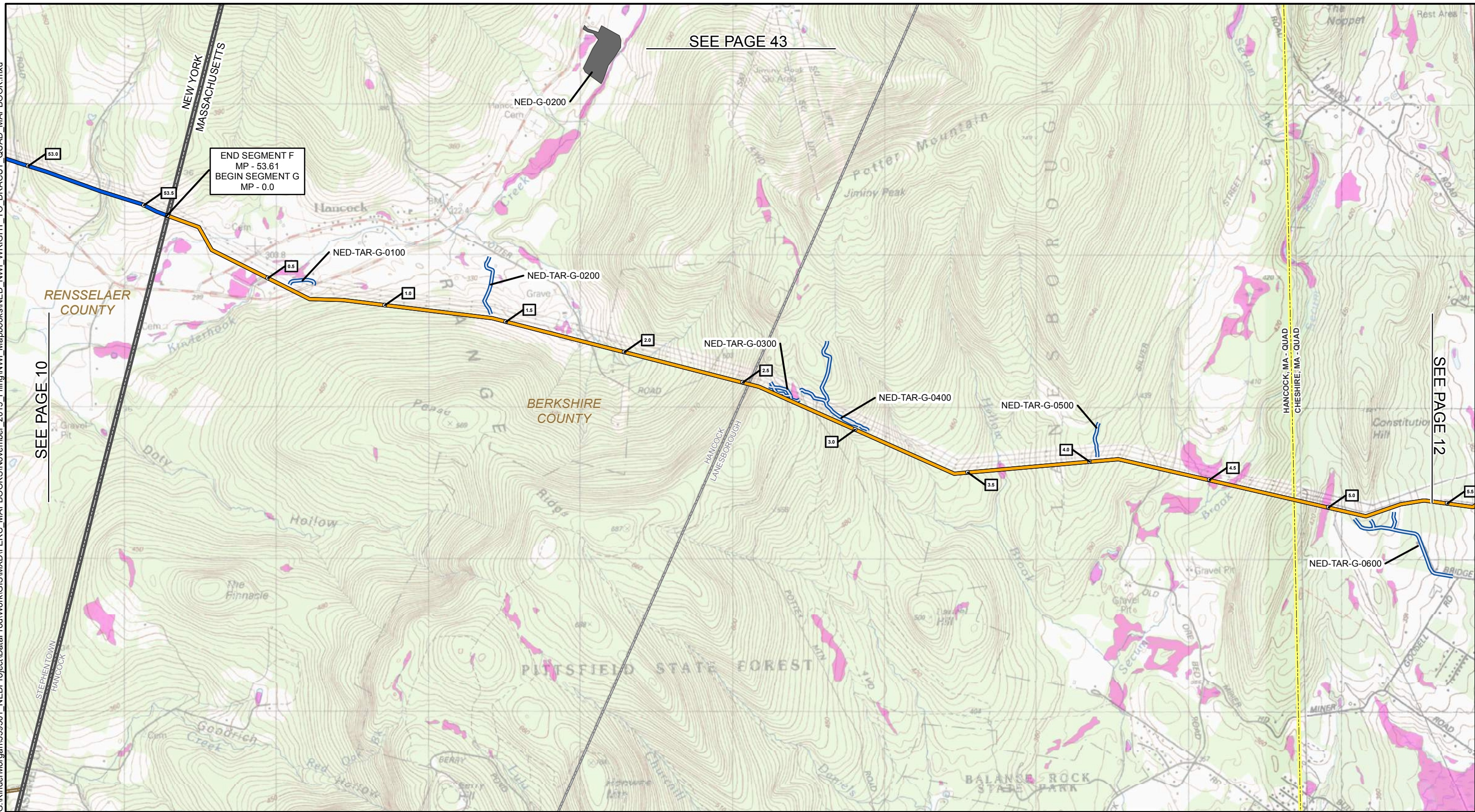
NED Pipeline	MAOP	MOP	State	Dia	Length (mi)
1 Haverhill Lateral	800	750	MA/NH	20"	9.27
2 Lynnfield Lateral	1460	1460	MA	24"	14.28
4 Fitchburg Lateral Extension	1460	1460	MA/NH	12"	13.97
6 300 Line CT Loop	800	719	CT	24"	14.80
8 Maritimes Delivery Line	1460	1460	MA	30"	0.75
9 Peabody Lateral	1460	730	MA	24"	5.32
10 Loop 319-3	1170	1170	PA	36"	9.96
11 Loop 317-3	1170	1170	PA	36"	30.98
12 Pennsylvania to Wright Pipeline Segment	1460*	1460*	PA/NY	30"	132.55
13 Wright to Dracut Pipeline Segment	1460	1460	NY/MA/NH	30"	187.78

\*MAOP/MOP between Supply Path Tail Station & Market Path Head Station is 1600  
\*MOP upstream of Supply Path Head Station is 1170

Pipelines
20 Hub Line
21 M&NP
22 M&NP & PNGTS Joint Facilities
23 PNGTS
24 Iroquois
25 Constitution
26 Millennium
27 Dominion
28 Algonquin
29 Granite State Gas Transmission

Metering & Regulation
40 Fitchburg Lateral Check
41 200-1 Check
42 Haverhill Check
43 200-2 Check
44 North Adams Check
45 NED/200 Line Bi-Directional OPP & Check
46 IGT-Constitution Bi-Directional Meter
53 North Adams Custody (20103)
56 Lawrence (20121)
58 Longmeadow
61 Merrimack
62 Maritimes
64 Everett
65 West Greenfield
66 NED Check
67 Easton (20853)
68 Southbridge (20108)
69 Spencer (20191)
71 Lunenburg (20949)
72 Lexington (20192)
73 Burlington (20341)
74 Arlington (20115)
75 Reading (20136)
76 Essex (20323)
77 Pittsfield (20102)
78 North Bloomfield (20453)
79 Milford (20425)
80 North Adams Regulator
81 Wilmington Regulator

Compressor Stations	Capacity (HP)
30 Station 319 Modifications	52,500 HP
31 Supply Path Head Station	52,500 HP
32 Supply Path Mid Station	50,500 HP
33 Supply Path Tail Station	50,500 HP
34 Market Path Head Station	20,600 HP
35 Market Path Mid Station 1	41,000 HP
36 Market Path Mid Station 2	41,000 HP
37 Market Path Mid Station 3	41,000 HP
38 Market Path Mid Station 4	41,000 HP
39 Market Path Tail Station	23,000 HP



SEE PAGE 43

SEE PAGE 10

SEE PAGE 12

END SEGMENT F  
MP - 53.61  
BEGIN SEGMENT G  
MP - 0.0

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**WRIGHT TO DRACUT NWI QUAD MAPBOOK**  
**SEGMENT F, G**

BERKSHIRE COUNTY  
MASSACHUSETTS



- 1 MILE POST
- PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE
- PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE
- PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT G CENTERLINE
- PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT H CENTERLINE
- PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT I CENTERLINE
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- CONSTITUTION PIPELINE CENTERLINE
- EXISTING TGP PIPELINE
- NWI WETLAND
- PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
- MUNICIPAL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY
- USGS QUADRANGLE BOUNDARY

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MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).



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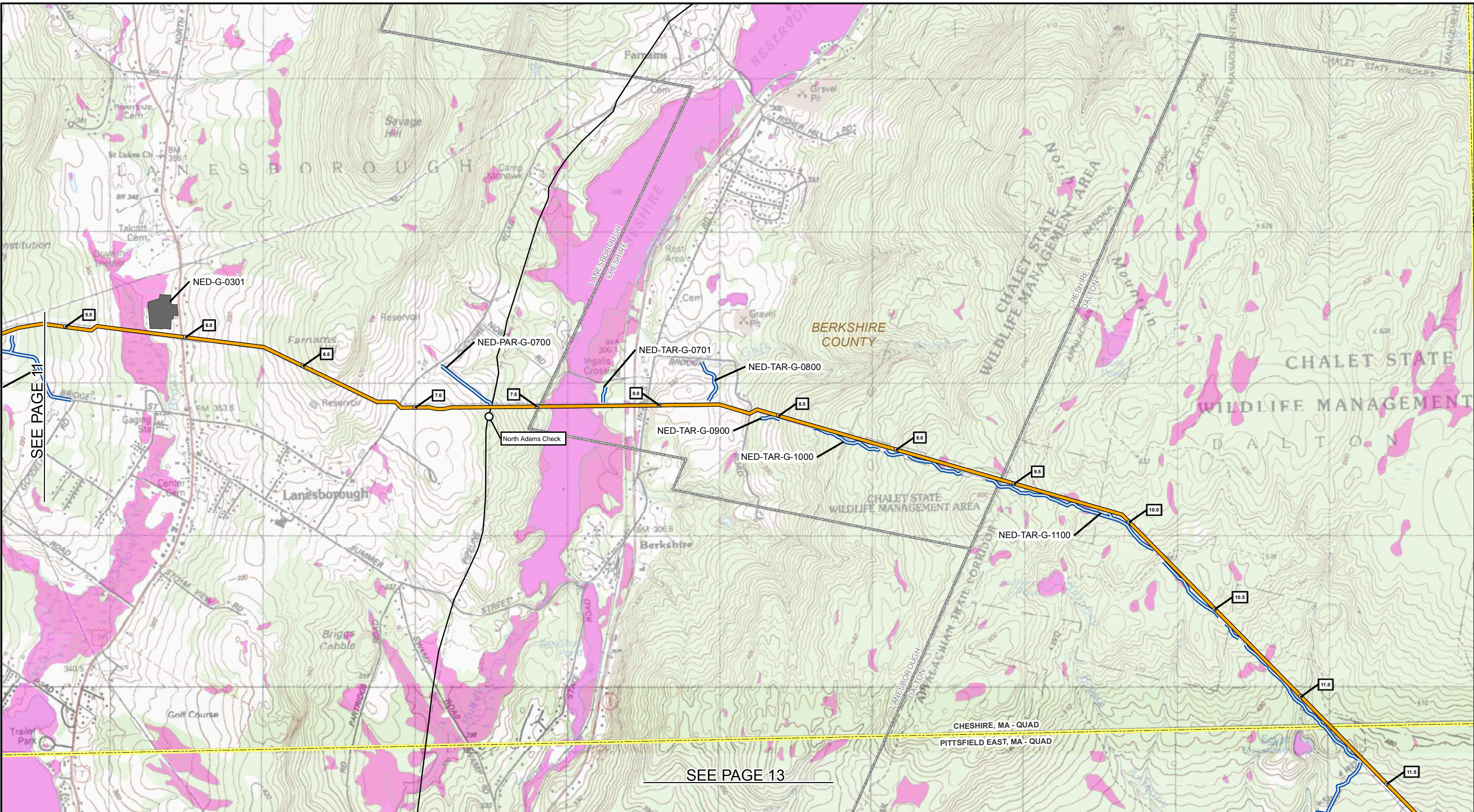
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SEE PAGE 11

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## TENNESSEE GAS PIPELINE COMPANY, L.L.C.

### NORTHEAST ENERGY DIRECT PROJECT

### WRIGHT TO DRACUT NWI QUAD MAPBOOK

#### SEGMENT G

BERKSHIRE COUNTY  
MASSACHUSETTS

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a Kinder Morgan company

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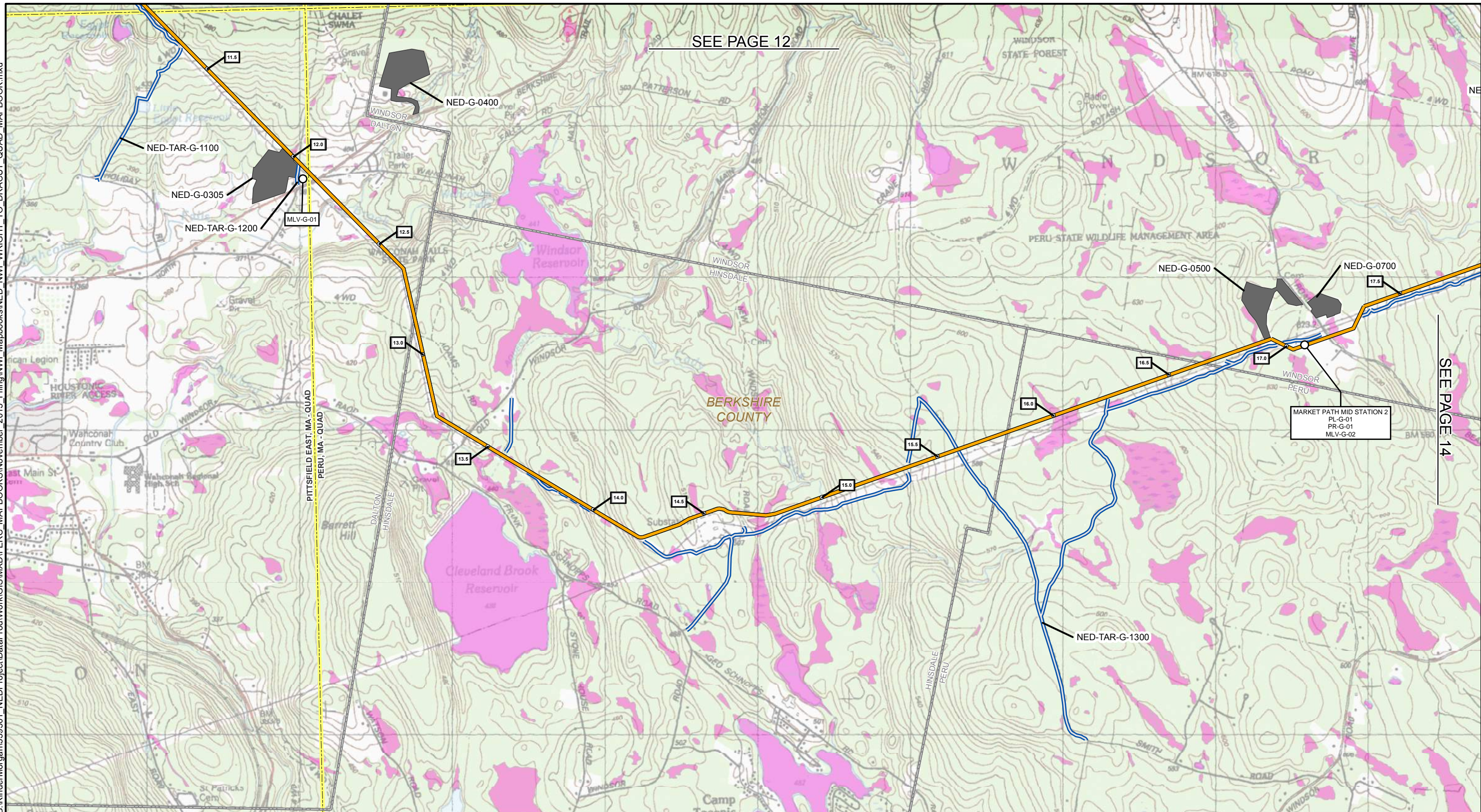
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SEE PAGE 12

SEE PAGE 14



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# TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT WRIGHT TO DRACUT NWI QUAD MAPBOOK SEGMENT G

BERKSHIRE COUNTY  
MASSACHUSETTS



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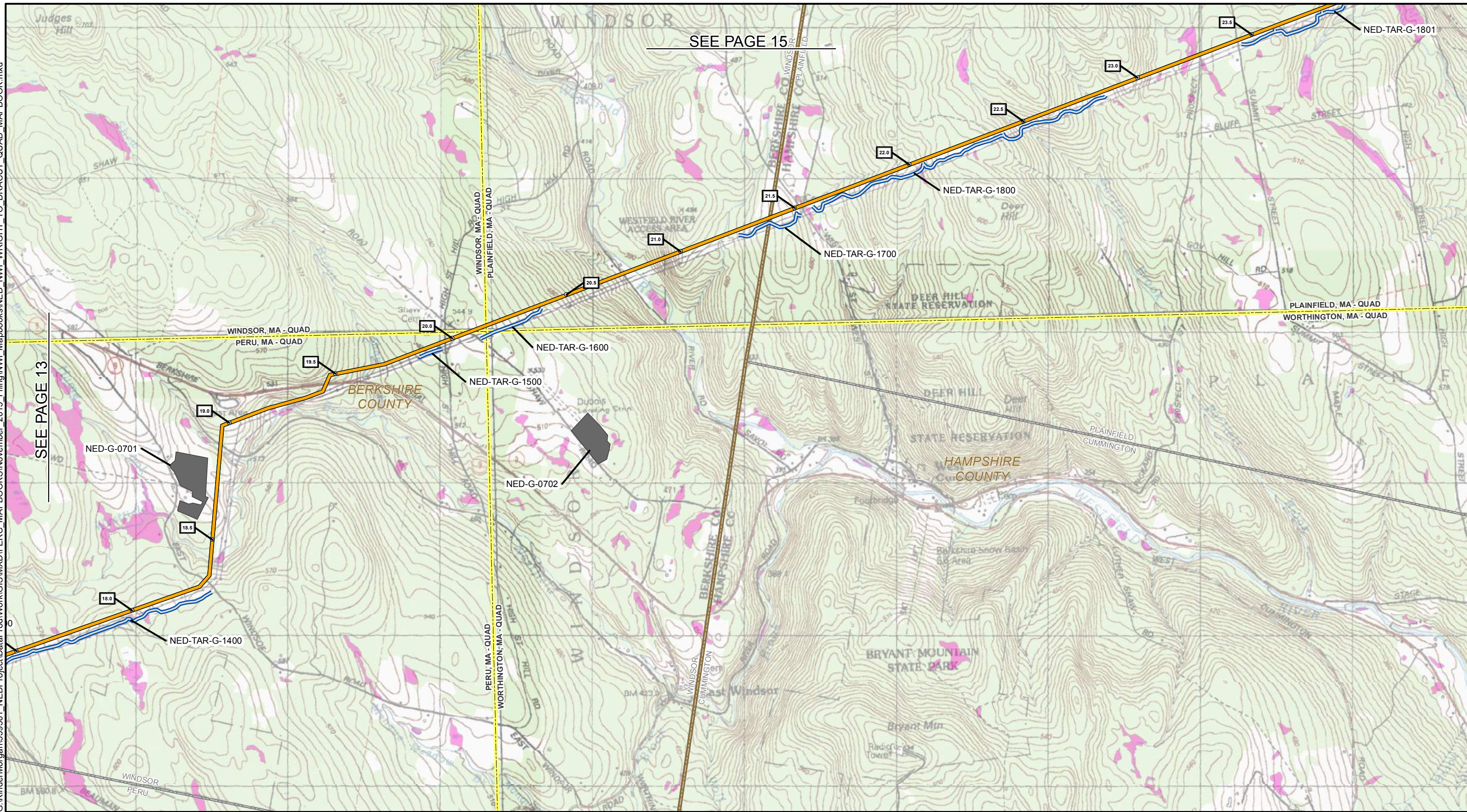
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SEE PAGE 15

SEE PAGE 13



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# TENNESSEE GAS PIPELINE COMPANY, L.L.C.

## NORTHEAST ENERGY DIRECT PROJECT

### WRIGHT TO DRACUT NWI QUAD MAPBOOK

#### SEGMENT G

BERKSHIRE & HAMPSHIRE COUNTIES  
MASSACHUSETTS



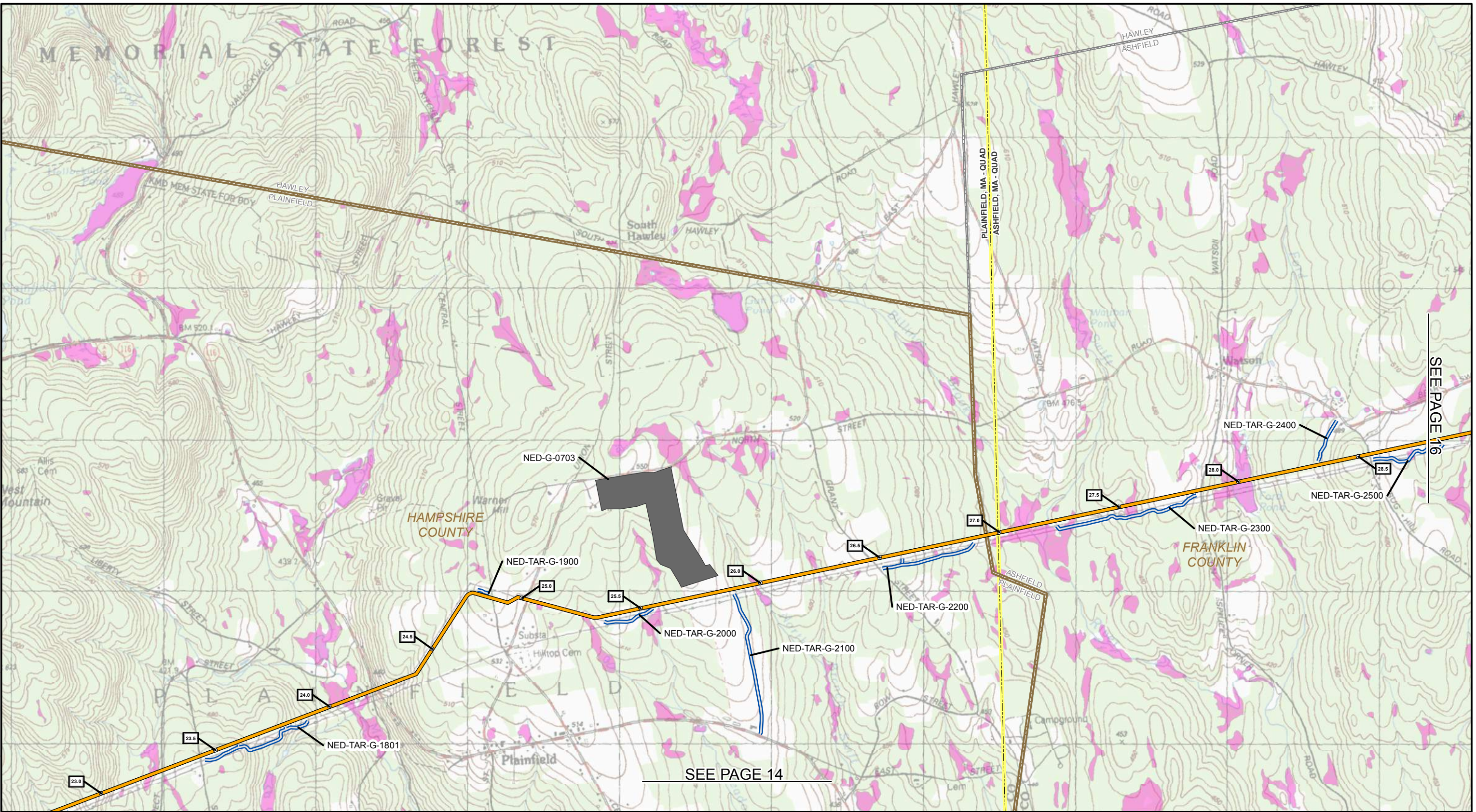
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SEE PAGE 16

SEE PAGE 14

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**NORTHEAST ENERGY DIRECT PROJECT**  
**WRIGHT TO DRACUT NWI QUAD MAPBOOK**  
**SEGMENT G**

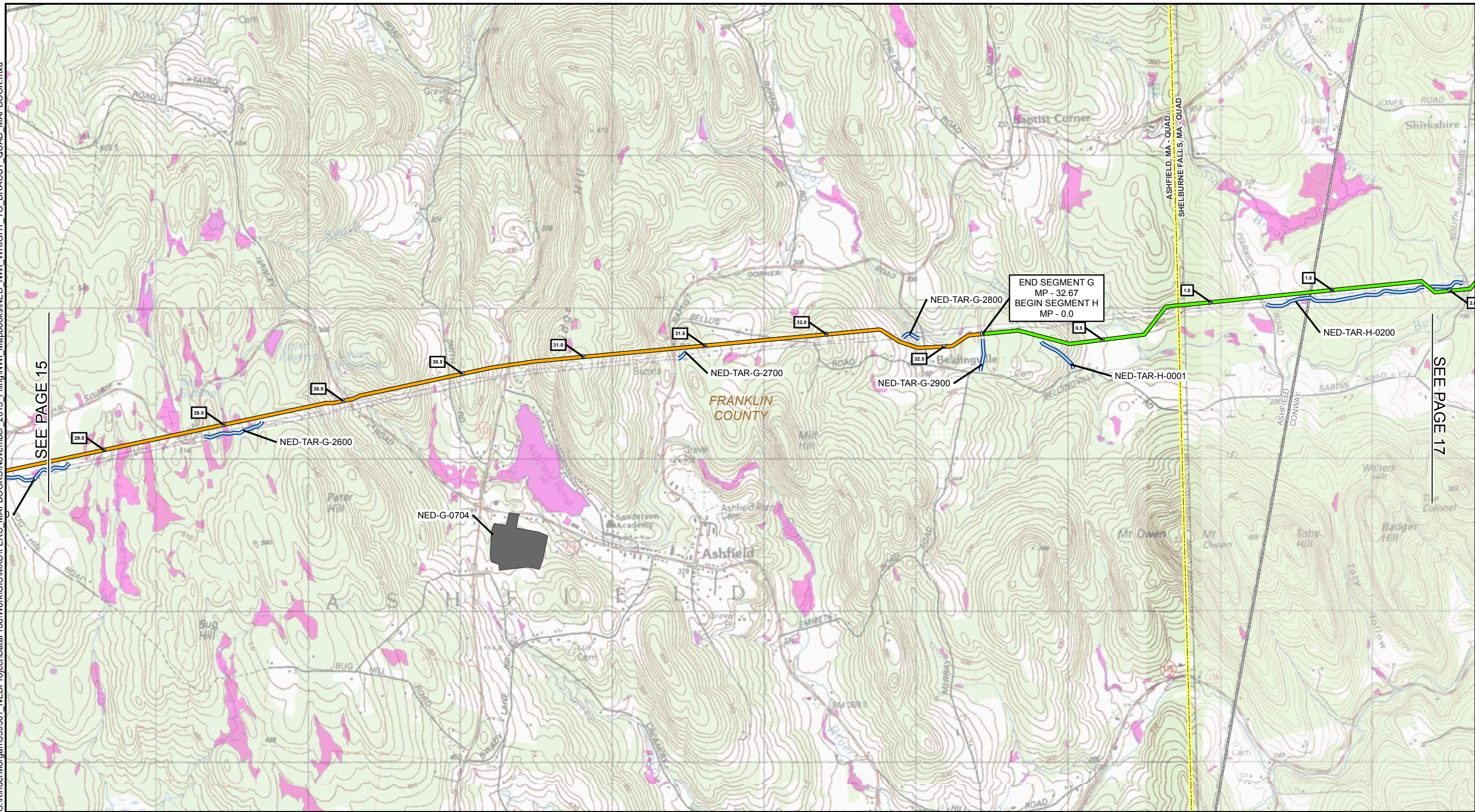
HAMPSHIRE & FRANKLIN COUNTIES  
 MASSACHUSETTS

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**NORTHEAST ENERGY DIRECT PROJECT**  
**WRIGHT TO DRACUT NWI QUAD MAPBOOK**  
**SEGMENT G, H**

FRANKLIN COUNTY  
 MASSACHUSETTS

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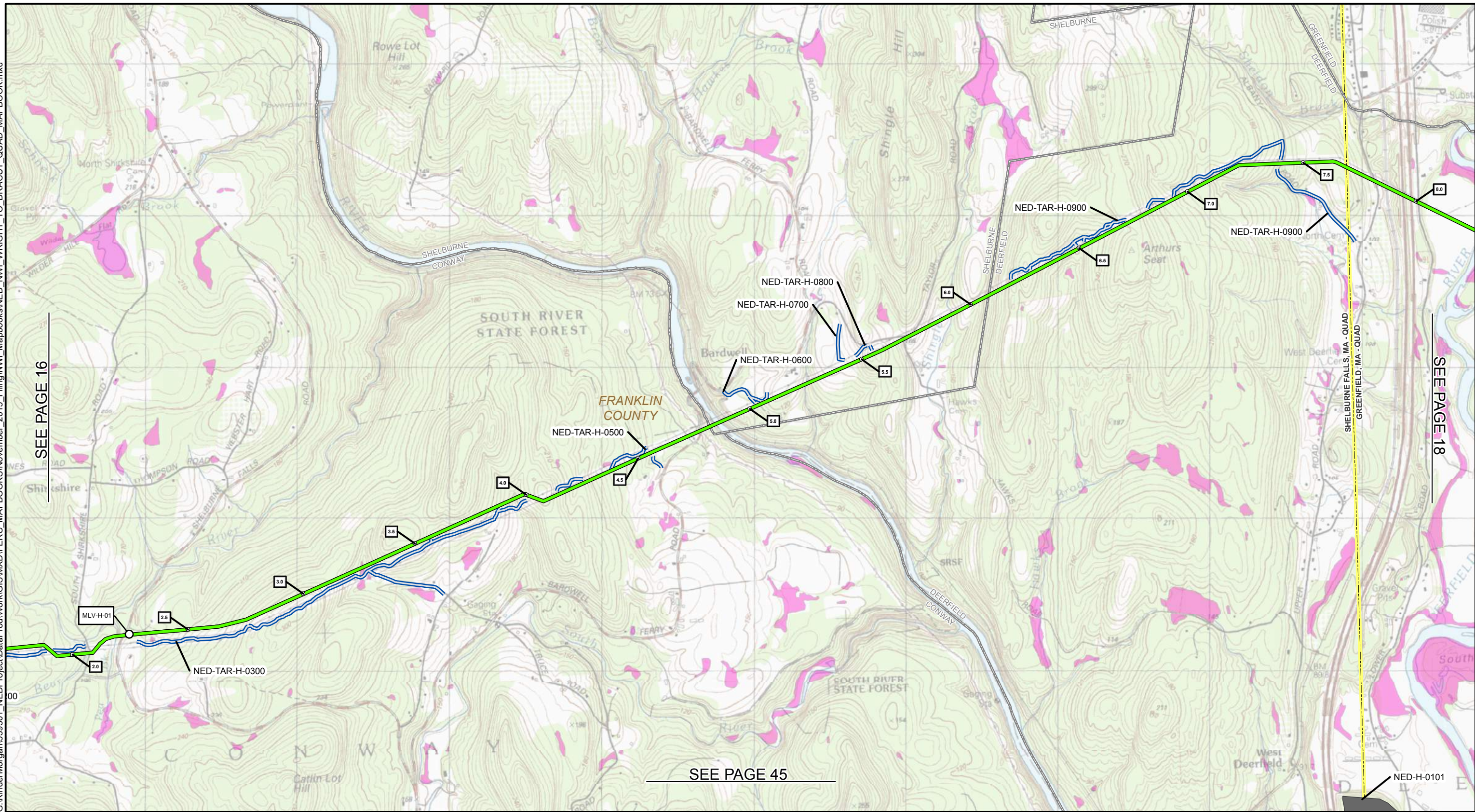
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SEE PAGE 16

SEE PAGE 18

SEE PAGE 45

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## NORTHEAST ENERGY DIRECT PROJECT

### WRIGHT TO DRACUT NWI QUAD MAPBOOK

#### SEGMENT H

FRANKLIN COUNTY  
MASSACHUSETTS

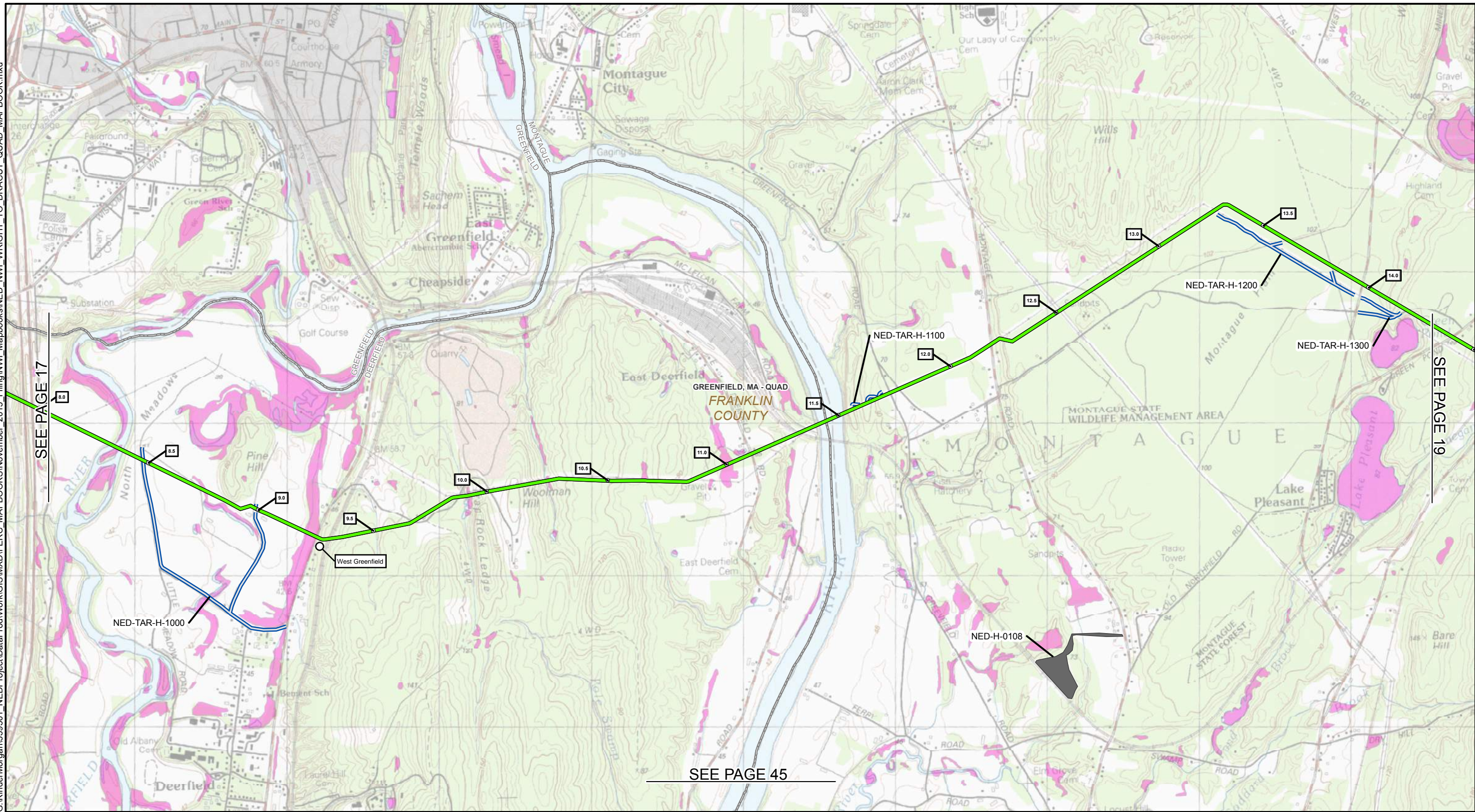


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SEE PAGE 17

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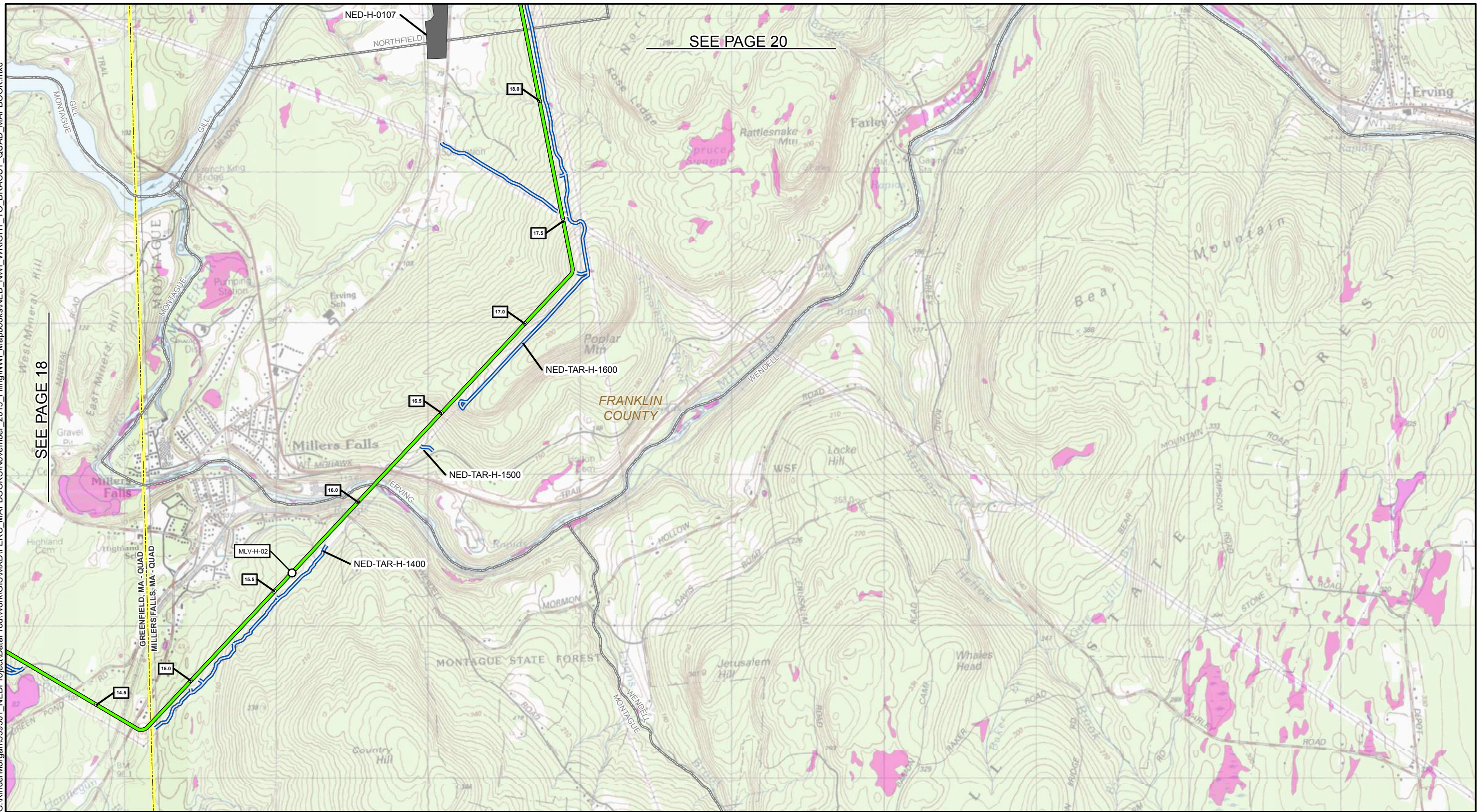
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REFERENCE SCALE:  
1 IN = 2,000 FEET



150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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<b>DESC:</b>	ISSUED FOR FERC
<b>PAGE:</b>	18 OF 56



SEE PAGE 18

SEE PAGE 20

1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT G CENTERLINE	CONSTITUTION PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT H CENTERLINE	EXISTING TGP PIPELINE	COUNTY BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT I CENTERLINE		STATE BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT J CENTERLINE		USGS QUADRANGLE BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT K CENTERLINE		

\*Temporary Access Roads are depicted to the edge of the temporary workspace which is not shown. When an access road meets up with a public right of way, it begins at the public road's easement.

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**WRIGHT TO DRACUT NWI QUAD MAPBOOK**  
**SEGMENT H**  
 FRANKLIN COUNTY  
 MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

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W E  
S

ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

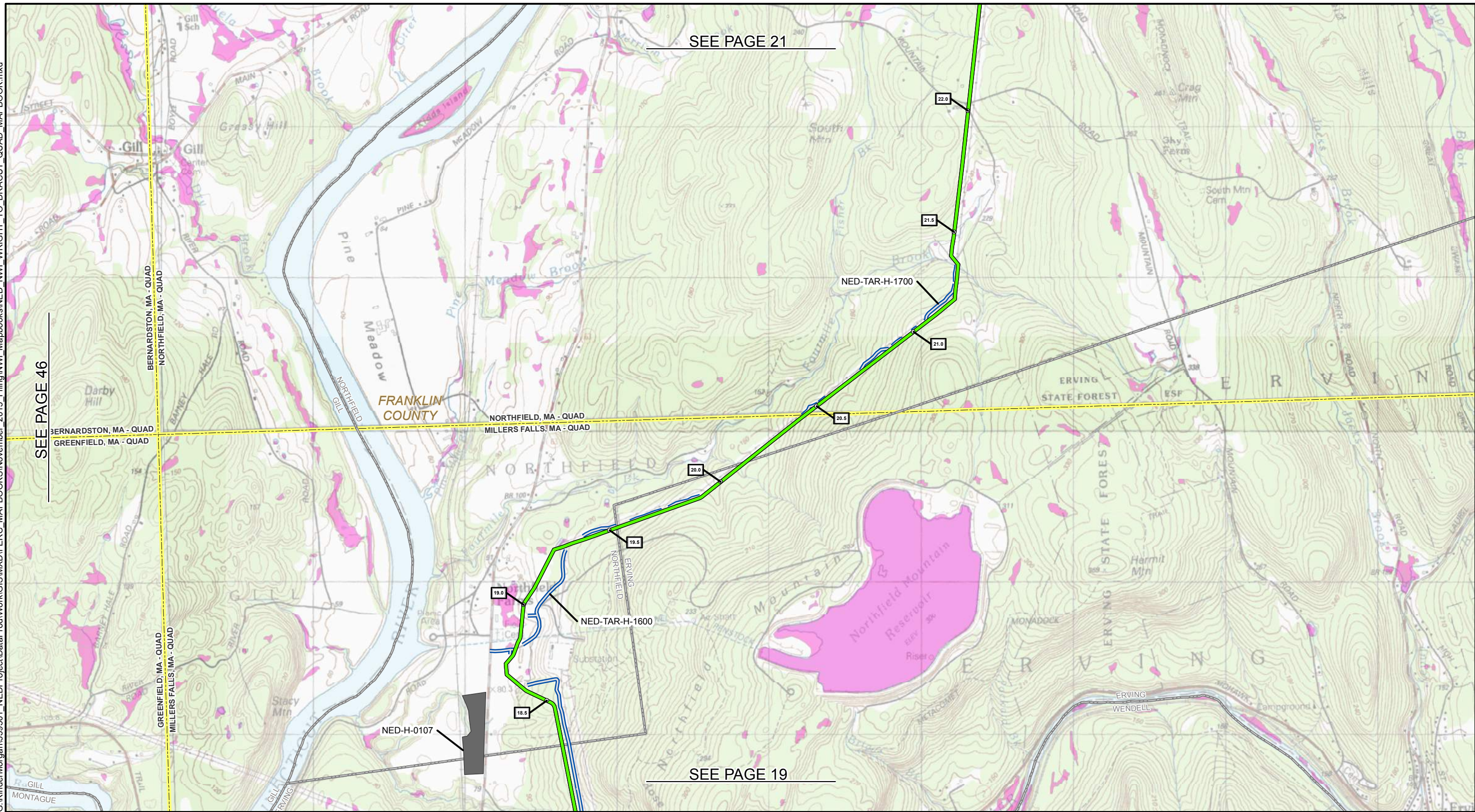
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<b>PAGE:</b>	19 OF 56

SEE PAGE 21

SEE PAGE 46

SEE PAGE 19



<b>1</b> MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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## TENNESSEE GAS PIPELINE COMPANY, L.L.C.

### NORTHEAST ENERGY DIRECT PROJECT

#### WRIGHT TO DRACUT NWI QUAD MAPBOOK

##### SEGMENT H

FRANKLIN COUNTY  
MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

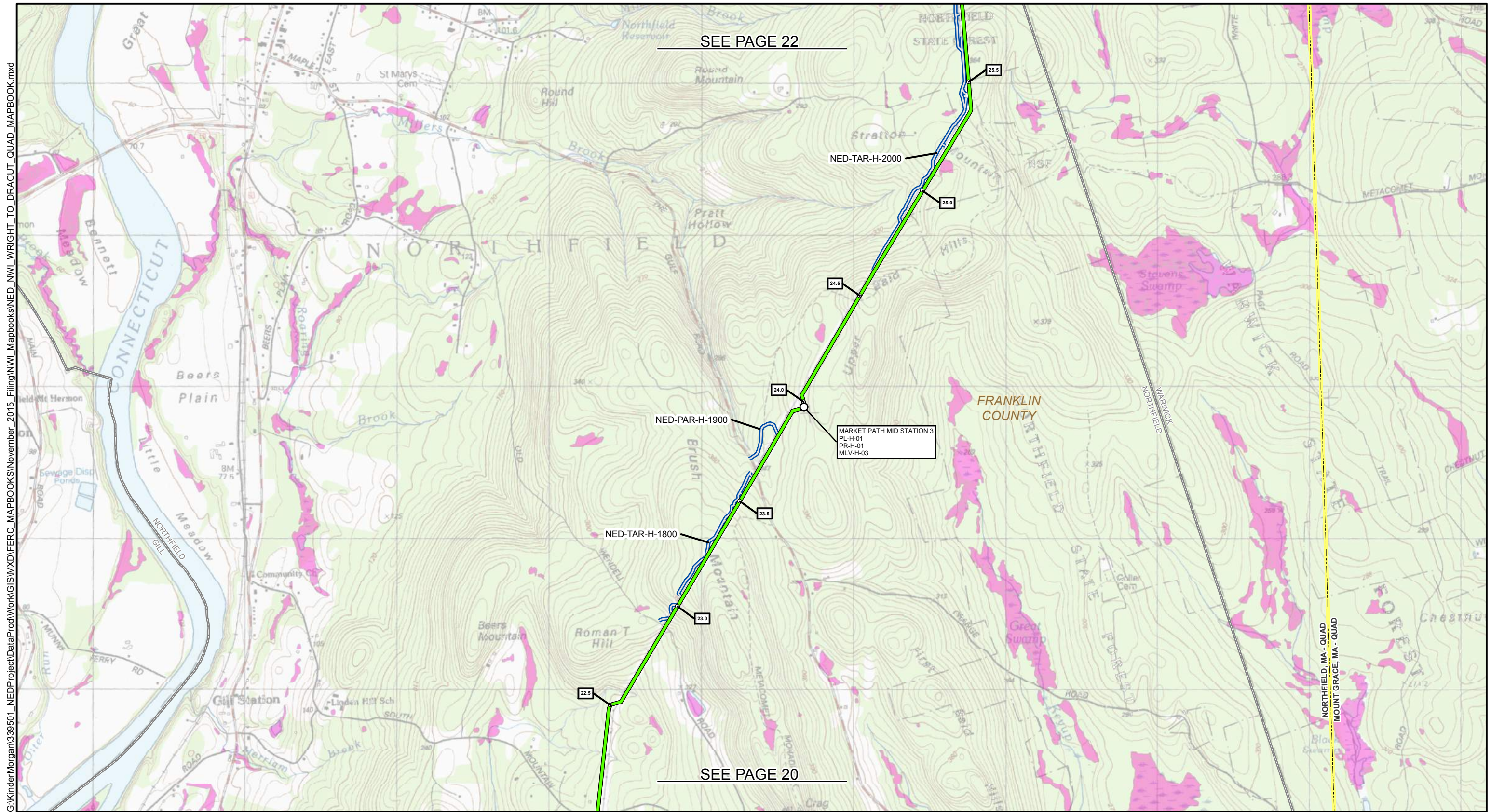
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<b>PAGE:</b>	20 OF 56

SEE PAGE 22

SEE PAGE 20



1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT I CENTERLINE		STATE BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT J CENTERLINE		USGS QUADRANGLE BOUNDARY
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# TENNESSEE GAS PIPELINE COMPANY, L.L.C.

## NORTHEAST ENERGY DIRECT PROJECT

### WRIGHT TO DRACUT NWI QUAD MAPBOOK

#### SEGMENT H

FRANKLIN COUNTY MASSACHUSETTS



ABSOLUTE SCALE:  
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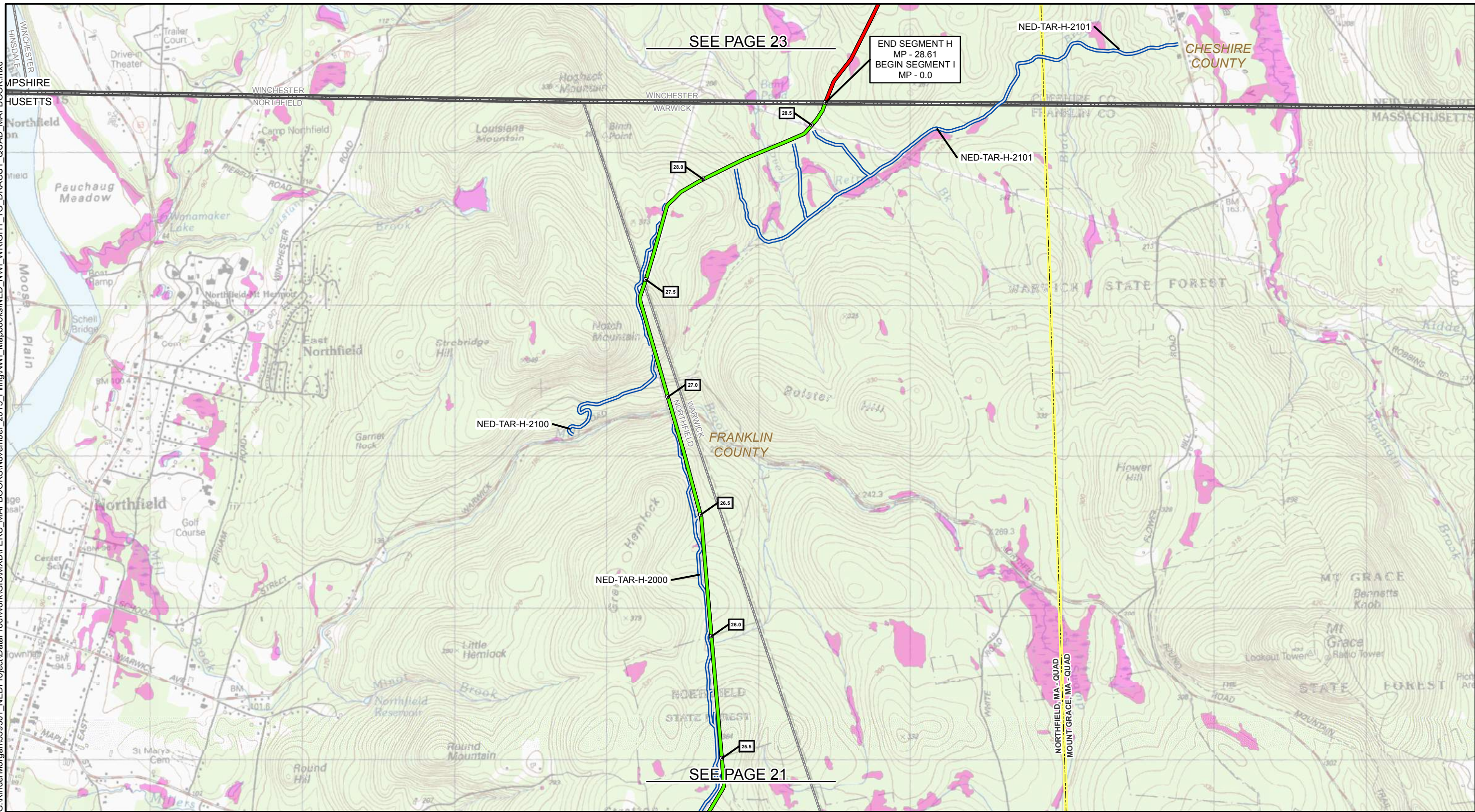
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<b>PAGE:</b>	21 OF 56

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SEE PAGE 23

END SEGMENT H  
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BEGIN SEGMENT I  
MP - 0.0

SEE PAGE 21

1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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# TENNESSEE GAS PIPELINE COMPANY, L.L.C.

## NORTHEAST ENERGY DIRECT PROJECT

### WRIGHT TO DRACUT NWI QUAD MAPBOOK

#### SEGMENT H, I

FRANKLIN COUNTY  
MASSACHUSETTS



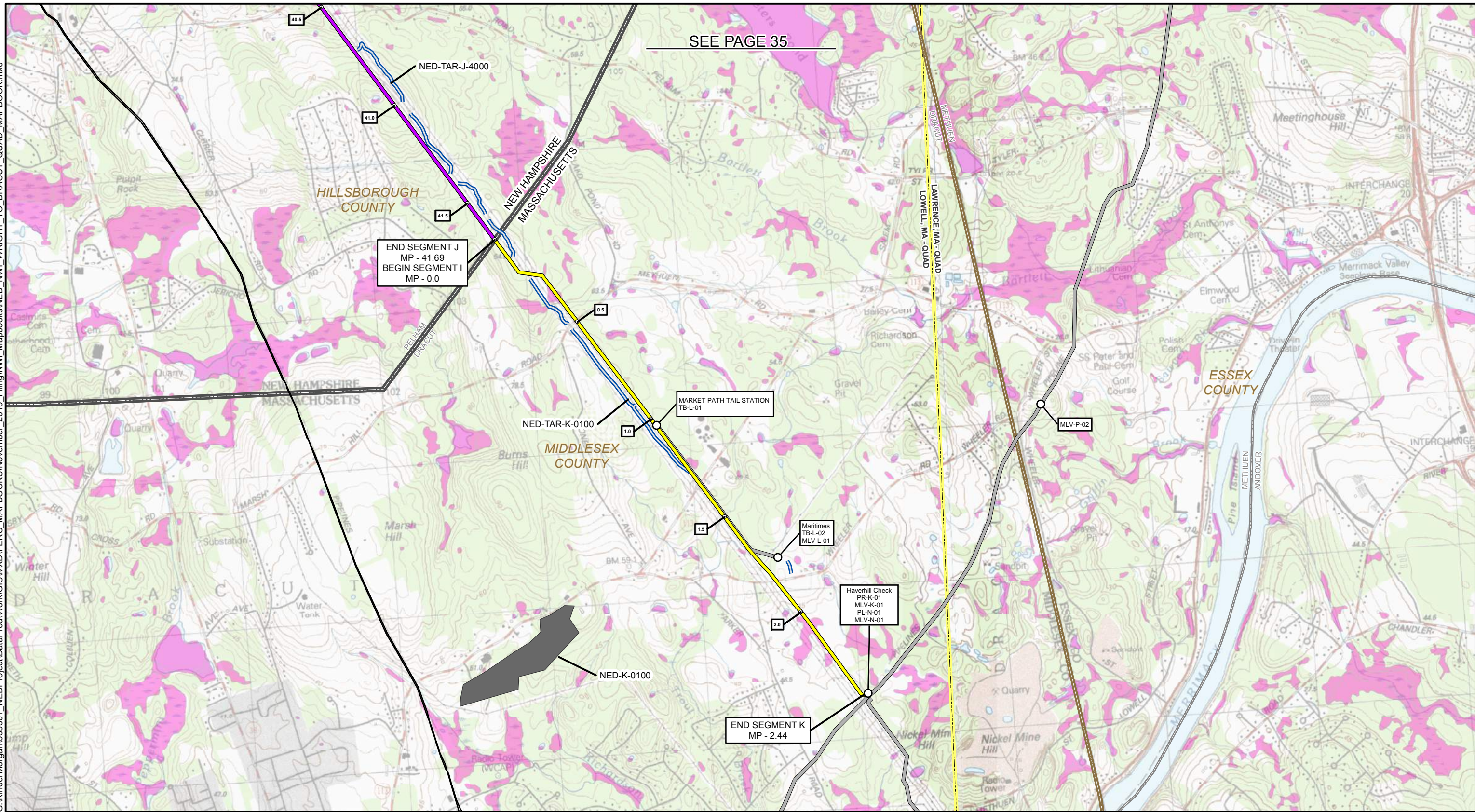
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REVISION:	2
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PAGE:	22 OF 56

SEE PAGE 35



<b>1</b> MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Contractor Yard CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT J CENTERLINE		USGS QUADRANGLE BOUNDARY
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**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**WRIGHT TO DRACUT NWI QUAD MAPBOOK**  
**SEGMENT J, K**

MIDDLESEX COUNTY, MASSACHUSETTS AND HILLSBOROUGH COUNTY  
 NEW HAMPSHIRE

2,000 1,000 0 2,000 4,000 FEET

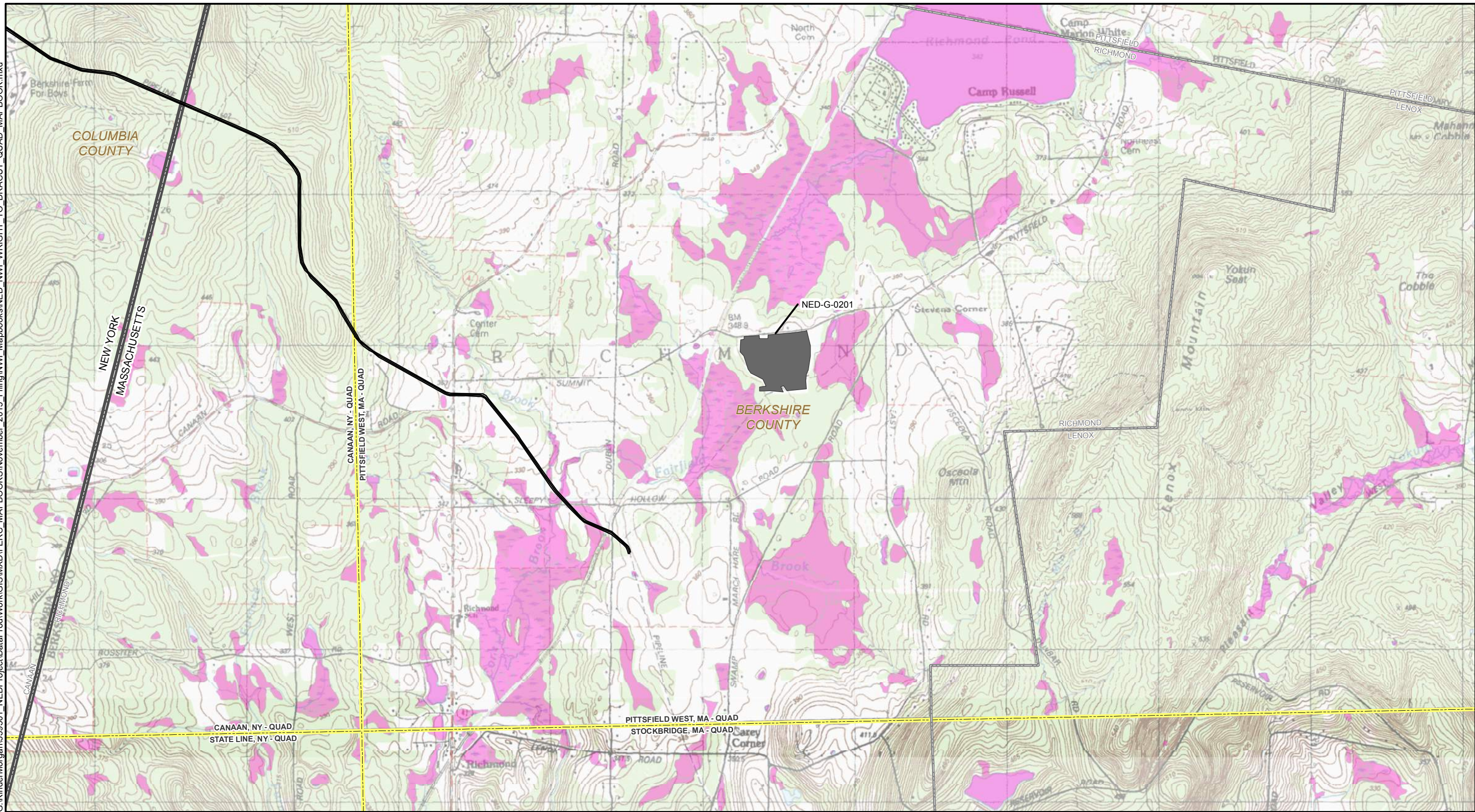
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REFERENCE SCALE:  
1 IN = 2,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
 a Kinder Morgan company

**Hatch Mott MacDonald**  
 150 Lower Westfield Rd.  
 Holyoke, MA 01040  
 Ph: (413) 535-0135 Fax: (413) 535-0136

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<b>REVISION:</b>	2
<b>DESC:</b>	ISSUED FOR FERC
<b>PAGE:</b>	36 OF 56



NED-G-0201

BERKSHIRE COUNTY

CANAAN, NY - QUAD  
STATE LINE, NY - QUAD

PITTSFIELD WEST, MA - QUAD  
STOCKBRIDGE, MA - QUAD

1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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# TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT WRIGHT TO DRACUT NWI QUAD MAPBOOK SEGMENT G

BERKSHIRE COUNTY  
MASSACHUSETTS



ABSOLUTE SCALE:  
1:24,000

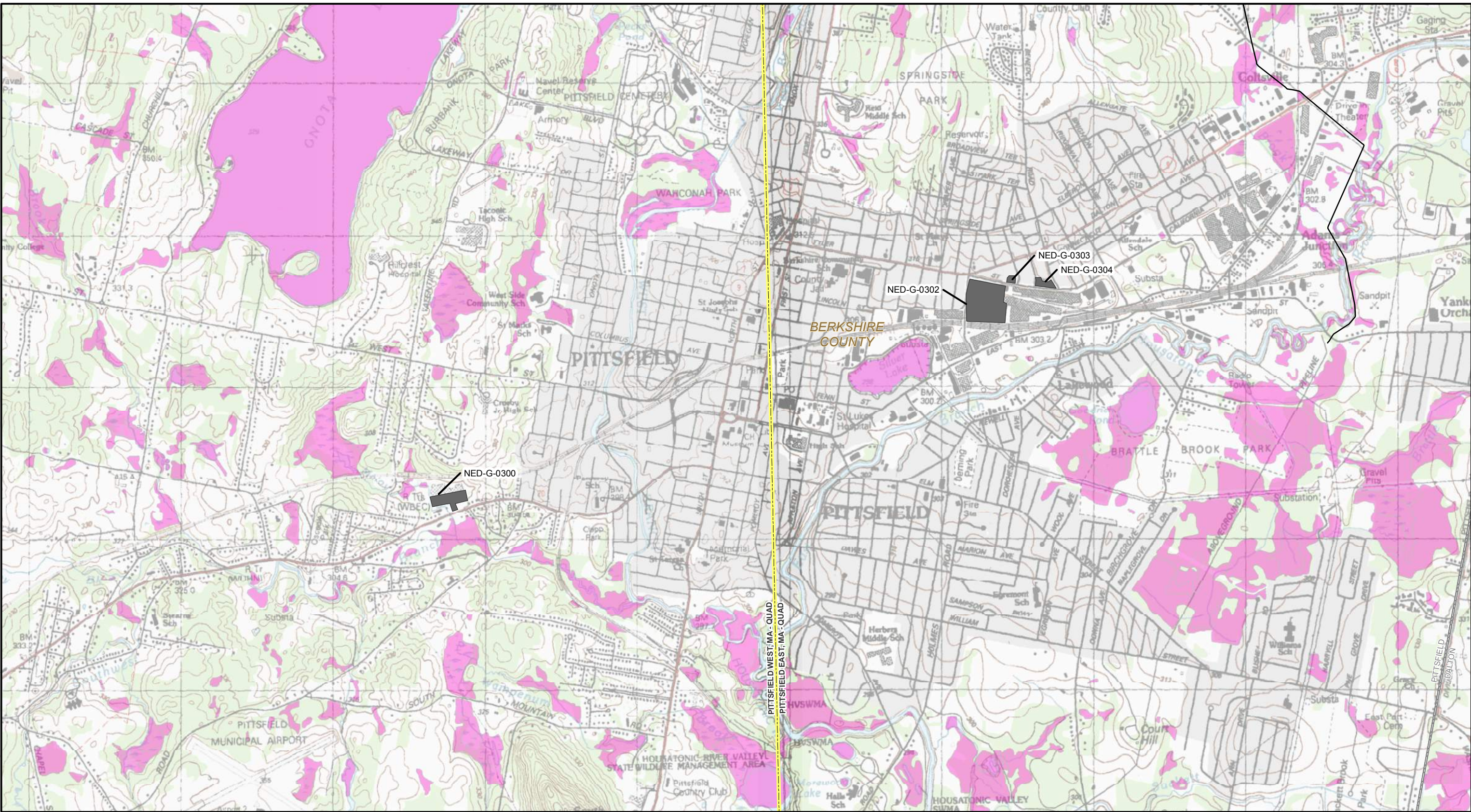
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PAGE:	41 OF 56





1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT WRIGHT TO DRACUT NWI QUAD MAPBOOK SEGMENT G

BERKSHIRE COUNTY  
MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

N  
W E  
S

ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

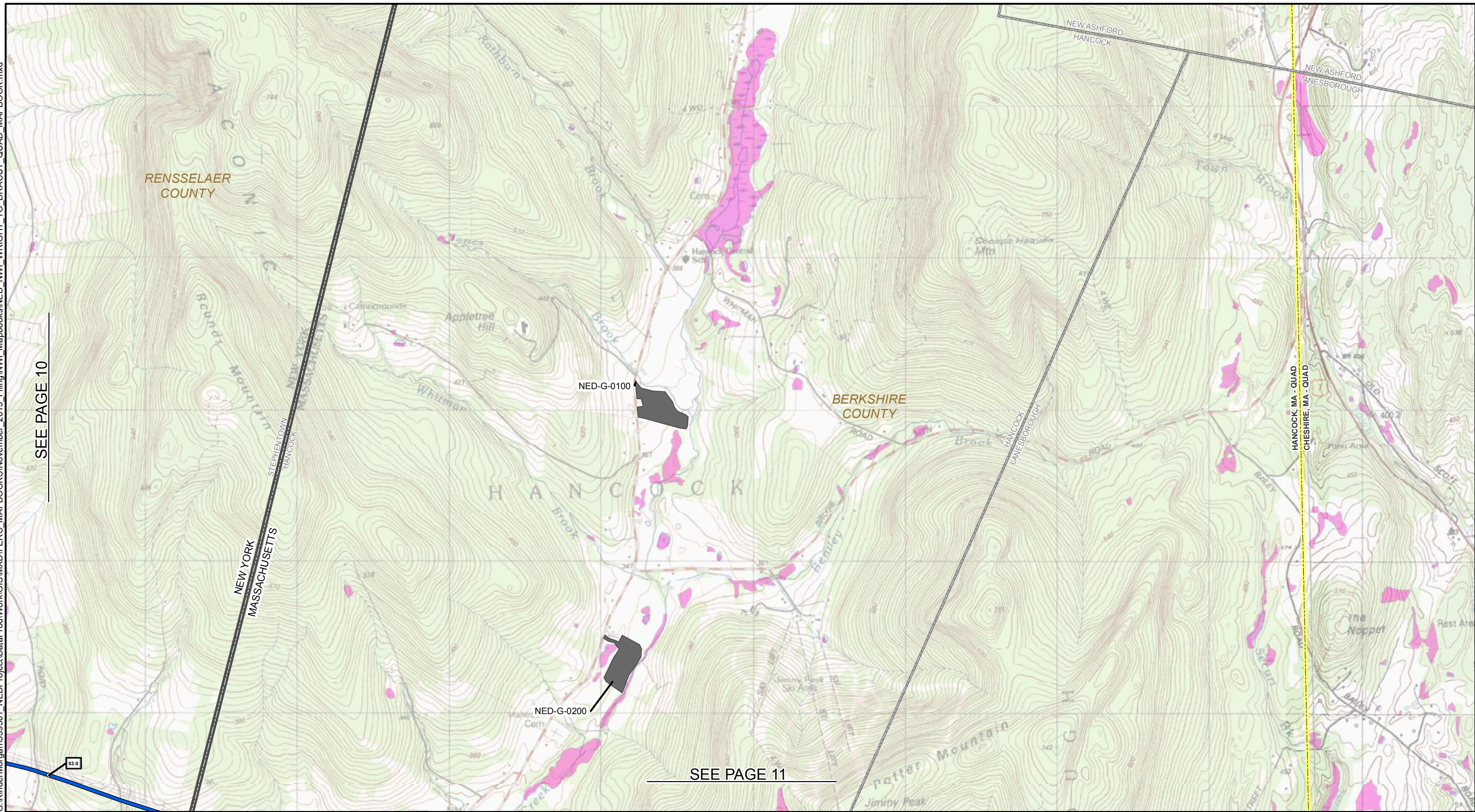
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<b>PAGE:</b>	42 OF 56

SEE PAGE 10

SEE PAGE 11



<b>1</b> MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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## TENNESSEE GAS PIPELINE COMPANY, L.L.C.

### NORTHEAST ENERGY DIRECT PROJECT

#### WRIGHT TO DRACUT NWI QUAD MAPBOOK

#### SEGMENT H

BERKSHIRE COUNTY  
MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

N  
W E  
S

ABSOLUTE SCALE:  
1:24,000

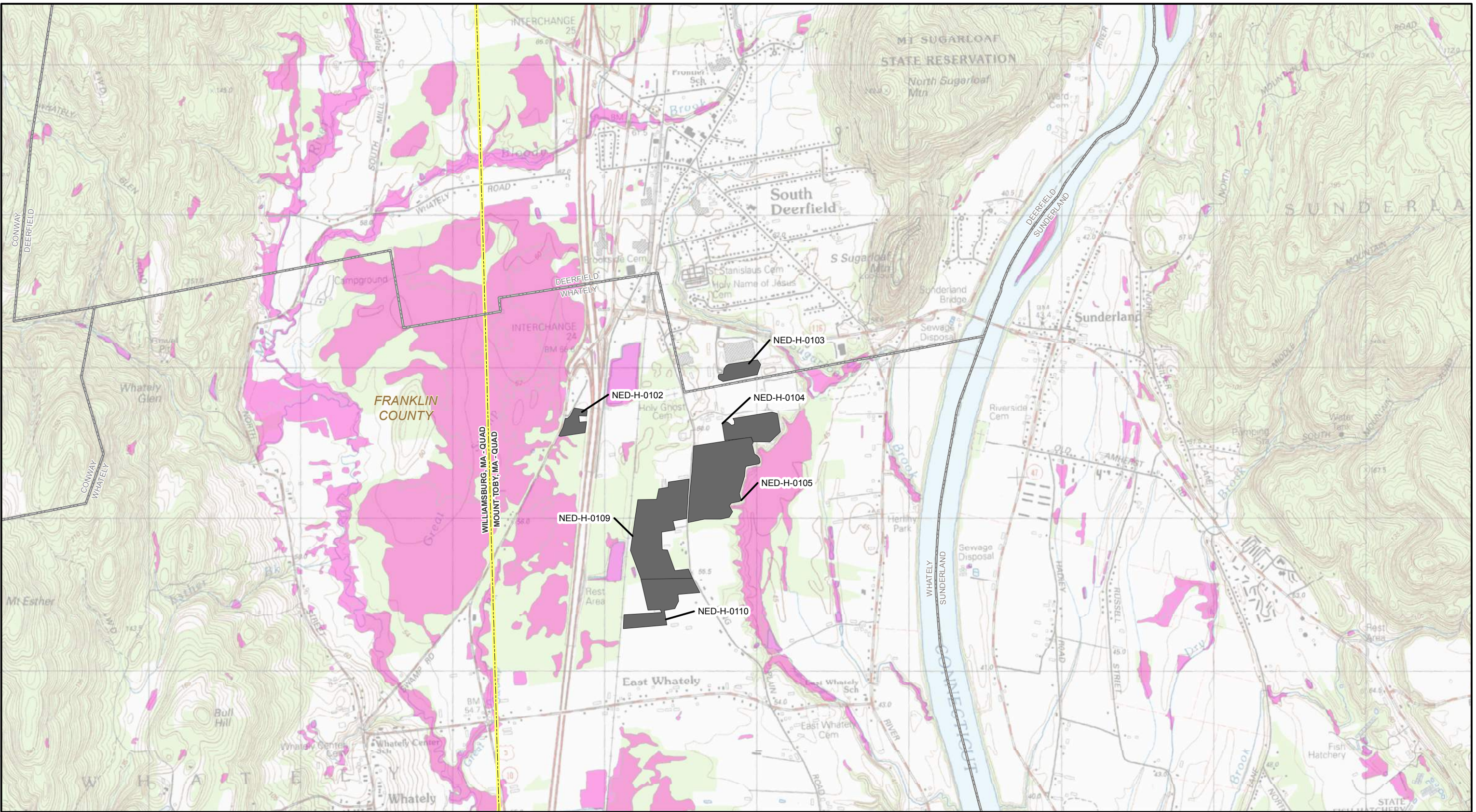
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<b>PAGE:</b>	43 OF 56



<b>1</b> MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT WRIGHT TO DRACUT NWI QUAD MAPBOOK SEGMENT H

FRANKLIN COUNTY  
MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

ABSOLUTE SCALE:  
1:24,000

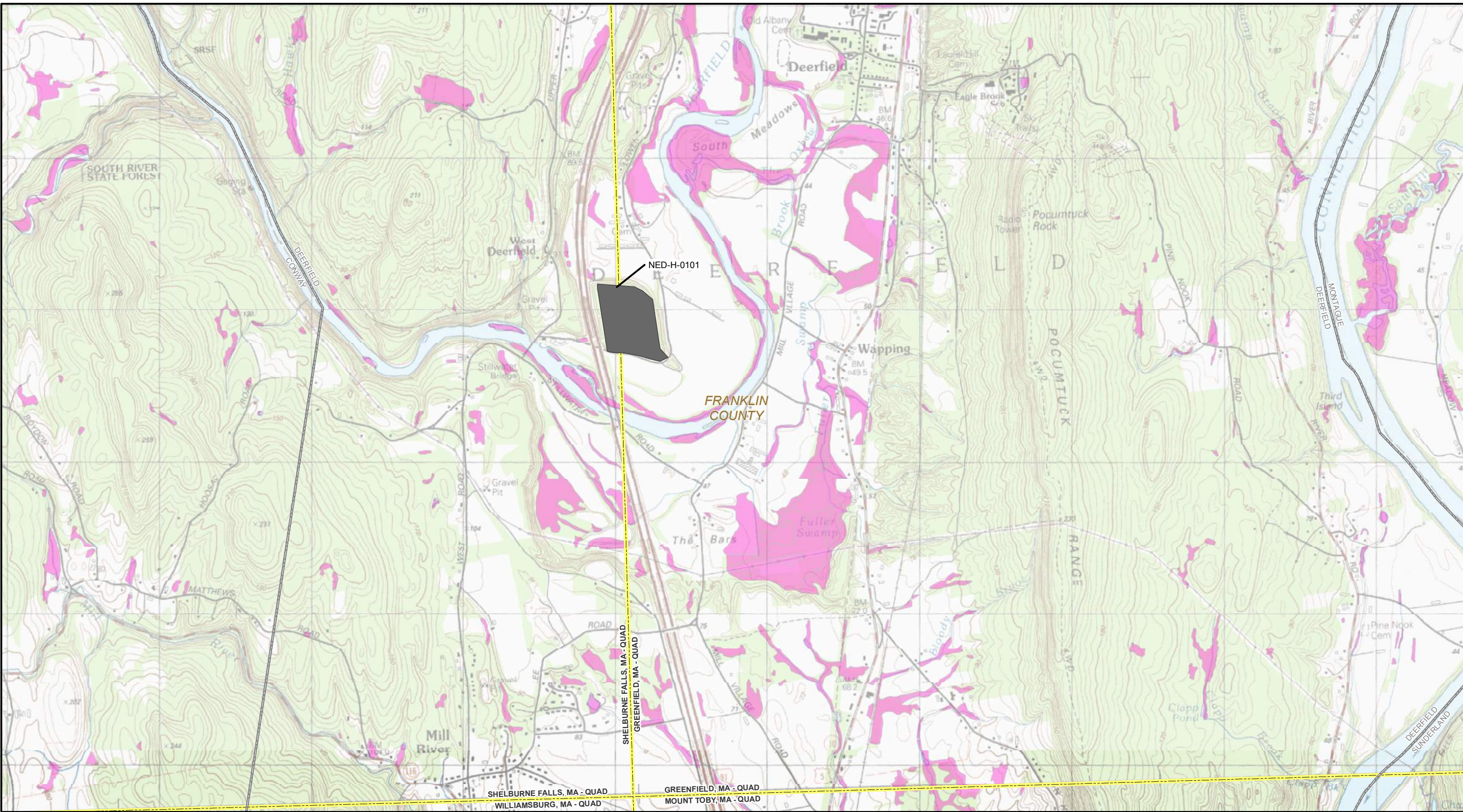
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1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
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## TENNESSEE GAS PIPELINE COMPANY, L.L.C.

### NORTHEAST ENERGY DIRECT PROJECT

#### WRIGHT TO DRACUT NWI QUAD MAPBOOK

#### SEGMENT H

FRANKLIN COUNTY  
MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

ABSOLUTE SCALE:  
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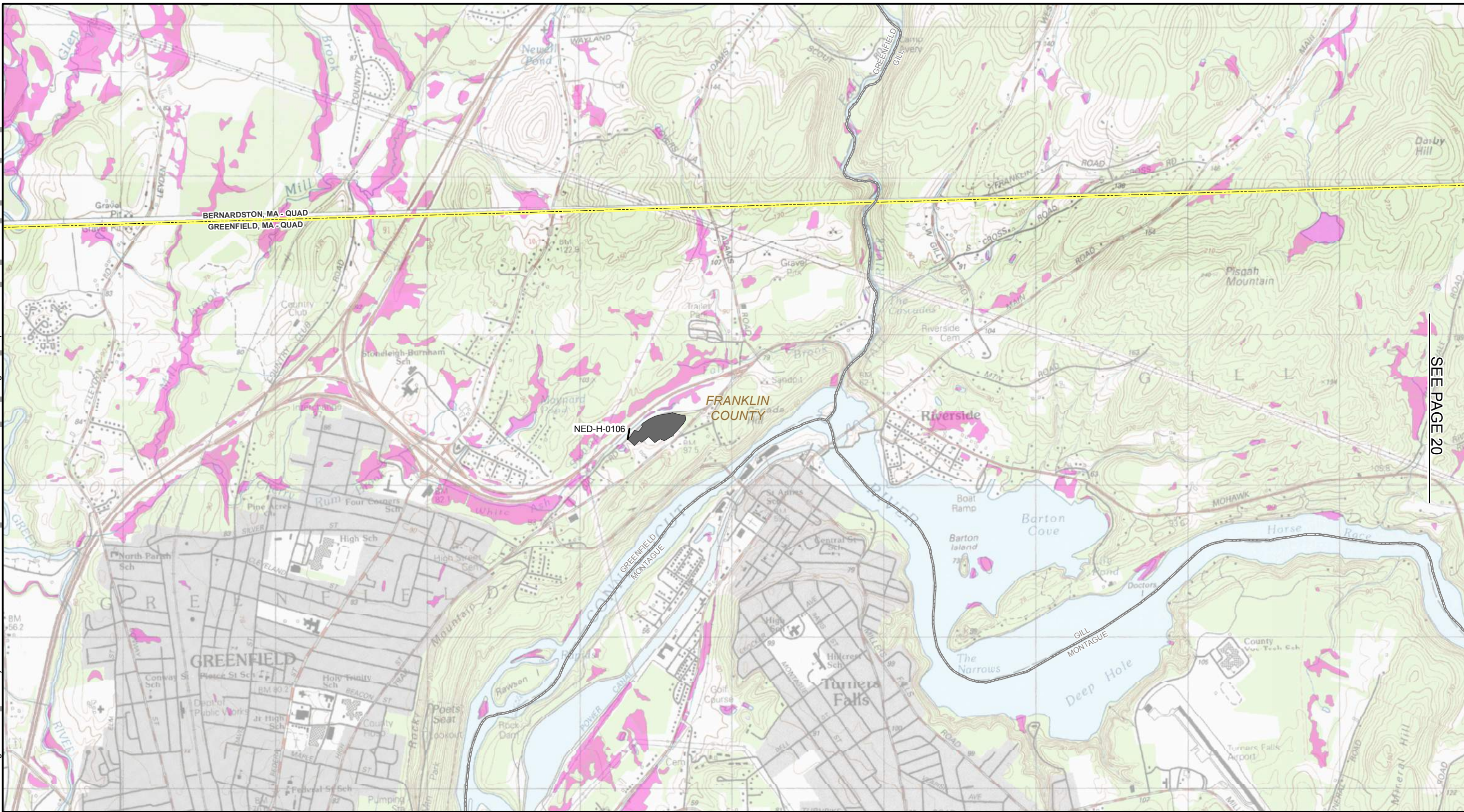
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SEE PAGE 20

	MILE POST		NWI WETLAND
	PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE		PROPOSED CONTRACTOR YARD
	PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT G CENTERLINE		NED: Proposed Contractor Yard
	PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT H CENTERLINE		CON: Proposed Constitution Access Road
	PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT I CENTERLINE		TGP: Previously Used TGP Access Road
	PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT J CENTERLINE		EXISTING TGP PIPELINE
	PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT K CENTERLINE		USGS QUADRANGLE BOUNDARY
			MUNICIPAL BOUNDARY
			COUNTY BOUNDARY
			STATE BOUNDARY
			PROPOSED ACCESS ROAD*
			NED: Proposed Access Road
			CON: Proposed Constitution Access Road
			TGP: Previously Used TGP Access Road

\*Temporary Access Roads are depicted to the edge of the temporary workspace which is not shown. When an access road meets up with a public right of way, it begins at the public road's easement.

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

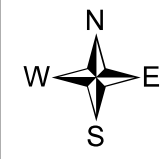
# TENNESSEE GAS PIPELINE COMPANY, L.L.C.

## NORTHEAST ENERGY DIRECT PROJECT

### WRIGHT TO DRACUT NWI QUAD MAPBOOK

#### SEGMENT H

FRANKLIN COUNTY  
MASSACHUSETTS



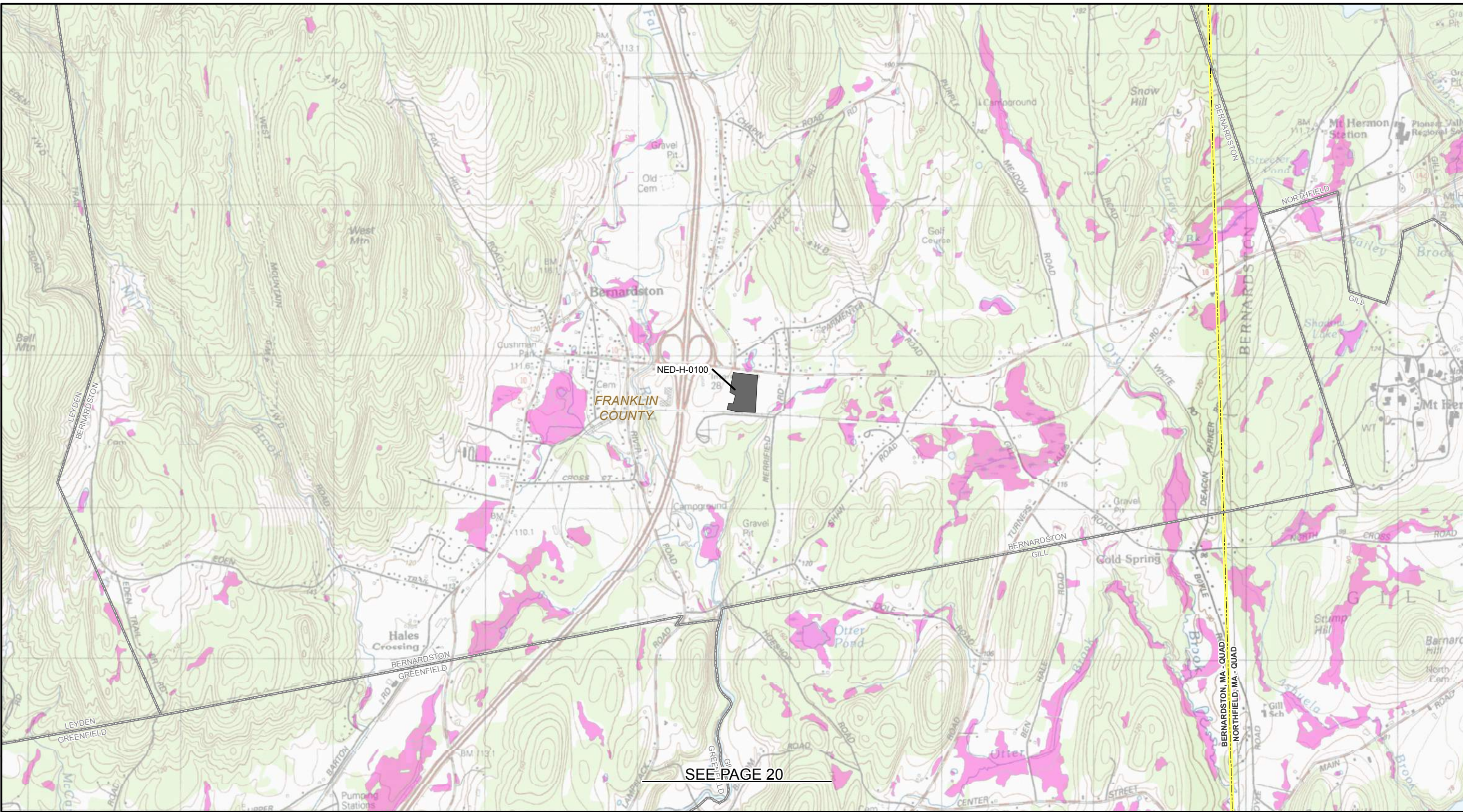
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REFERENCE SCALE:  
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Holyoke, MA 01040  
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<b>PAGE:</b>	46 OF 56



SEE PAGE 20

1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT G CENTERLINE	CONSTITUTION PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT H CENTERLINE	EXISTING TGP PIPELINE	COUNTY BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT I CENTERLINE		STATE BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT J CENTERLINE		USGS QUADRANGLE BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT K CENTERLINE		

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**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**WRIGHT TO DRACUT NWI QUAD MAPBOOK**  
**SEGMENT H**  
 FRANKLIN COUNTY  
 MASSACHUSETTS

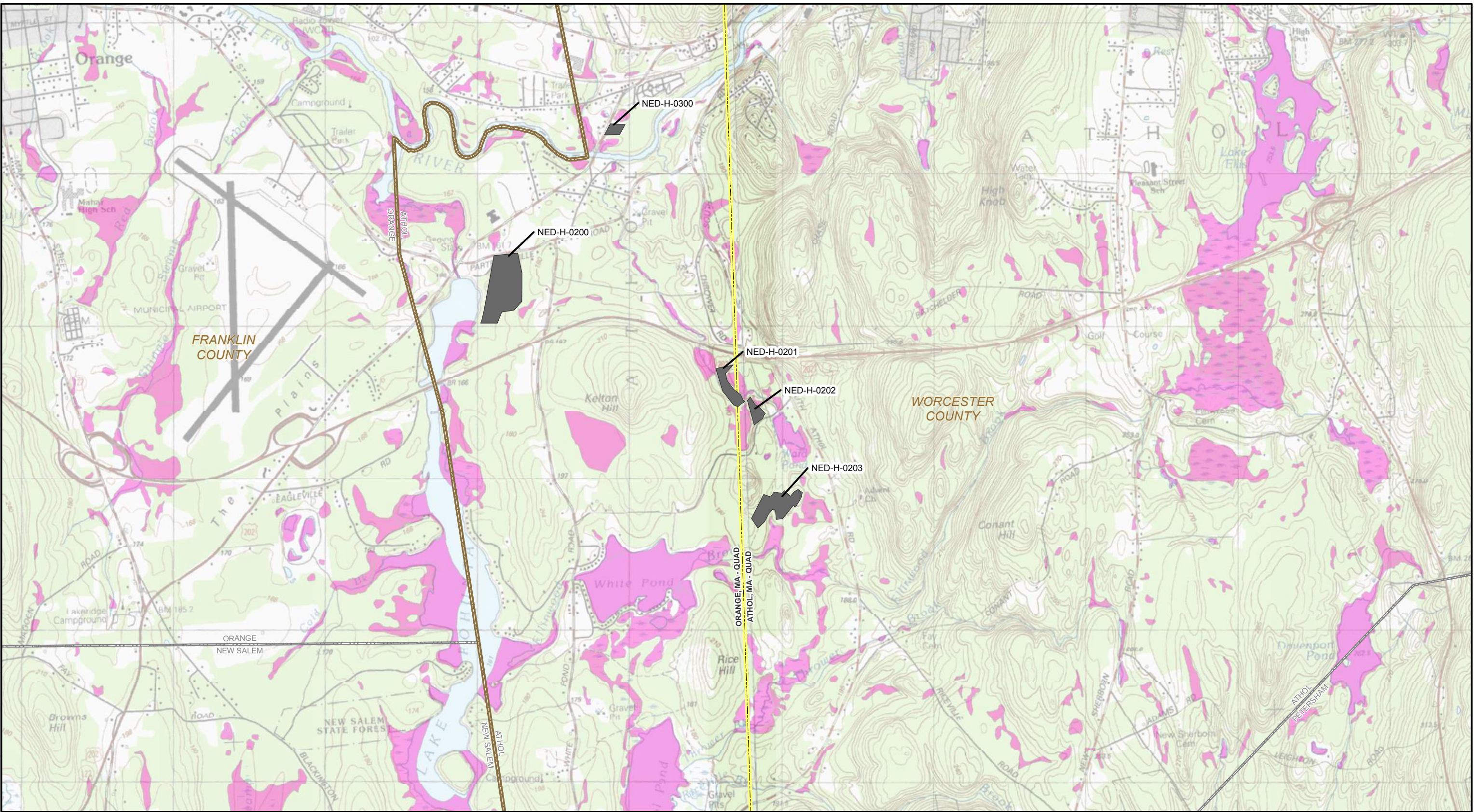
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 REFERENCE SCALE: 1 IN = 2,000 FEET

2,000 1,000 0 2,000 4,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
 a Kinder Morgan company

**Hatch Mott MacDonald**  
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 Holyoke, MA 01040  
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<b>PAGE:</b>	47 OF 56



1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
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## TENNESSEE GAS PIPELINE COMPANY, L.L.C.

### NORTHEAST ENERGY DIRECT PROJECT

#### WRIGHT TO DRACUT NWI QUAD MAPBOOK

##### SEGMENT H

WORCESTER COUNTY  
MASSACHUSETTS

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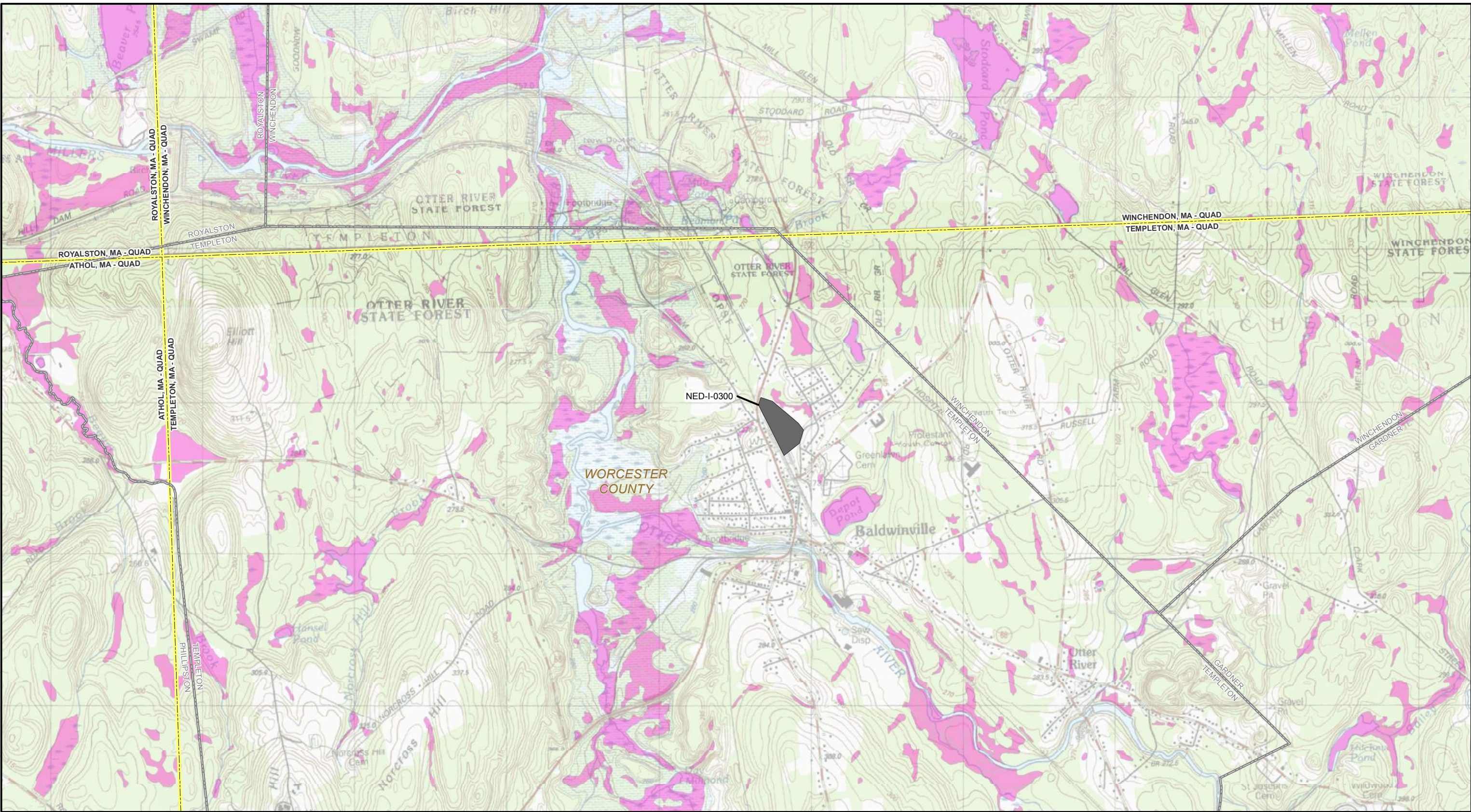
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1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed Constitution Access Road TGP: Previously Used TGP Access Road	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT WRIGHT TO DRACUT NWI QUAD MAPBOOK SEGMENT I

WORCESTER COUNTY  
MASSACHUSETTS

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ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

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DWG. NO.	DWG. TITLE
	<b><u>SEGMENT L - MARITIMES DELIVERY LINE</u></b>
PAGE 1	QUAD SHEET
	<b><u>SEGMENT N - LYNNFIELD LATERAL</u></b>
PAGE 1	QUAD SHEET
PAGE 2	QUAD SHEET
PAGE 3	QUAD SHEET
PAGE 4	QUAD SHEET
	<b><u>SEGMENT O - PEABODY LATERAL</u></b>
PAGE 1	QUAD SHEET

DWG. NO.	DWG. TITLE
	<b><u>SEGMENT P - HAVERHILL LATERAL</u></b>
PAGE 1	QUAD SHEET
PAGE 2	QUAD SHEET
PAGE 3	QUAD SHEET
	<b><u>SEGMENT Q - FITCHBURG LATERAL EXTENSION</u></b>
PAGE 1	QUAD SHEET
PAGE 2	QUAD SHEET
PAGE 3	QUAD SHEET
PAGE 4	QUAD SHEET
PAGE 5	QUAD SHEET
PAGE 6	WAREYARD QUAD SHEET
	<b><u>SEGMENT S - 300 LINE CT LOOP</u></b>
PAGE 1	QUAD SHEET
PAGE 2	QUAD SHEET
PAGE 3	QUAD SHEET
PAGE 4	QUAD SHEET
PAGE 5	QUAD SHEET

TENNESSEE GAS PIPELINE COMPANY, L.L.C.  
 NORTHEAST ENERGY DIRECT PROJECT  
 MARKET PATH COMPONENT  
 LATERALS & LOOP LINES  
  
 NWI COVER SHEET



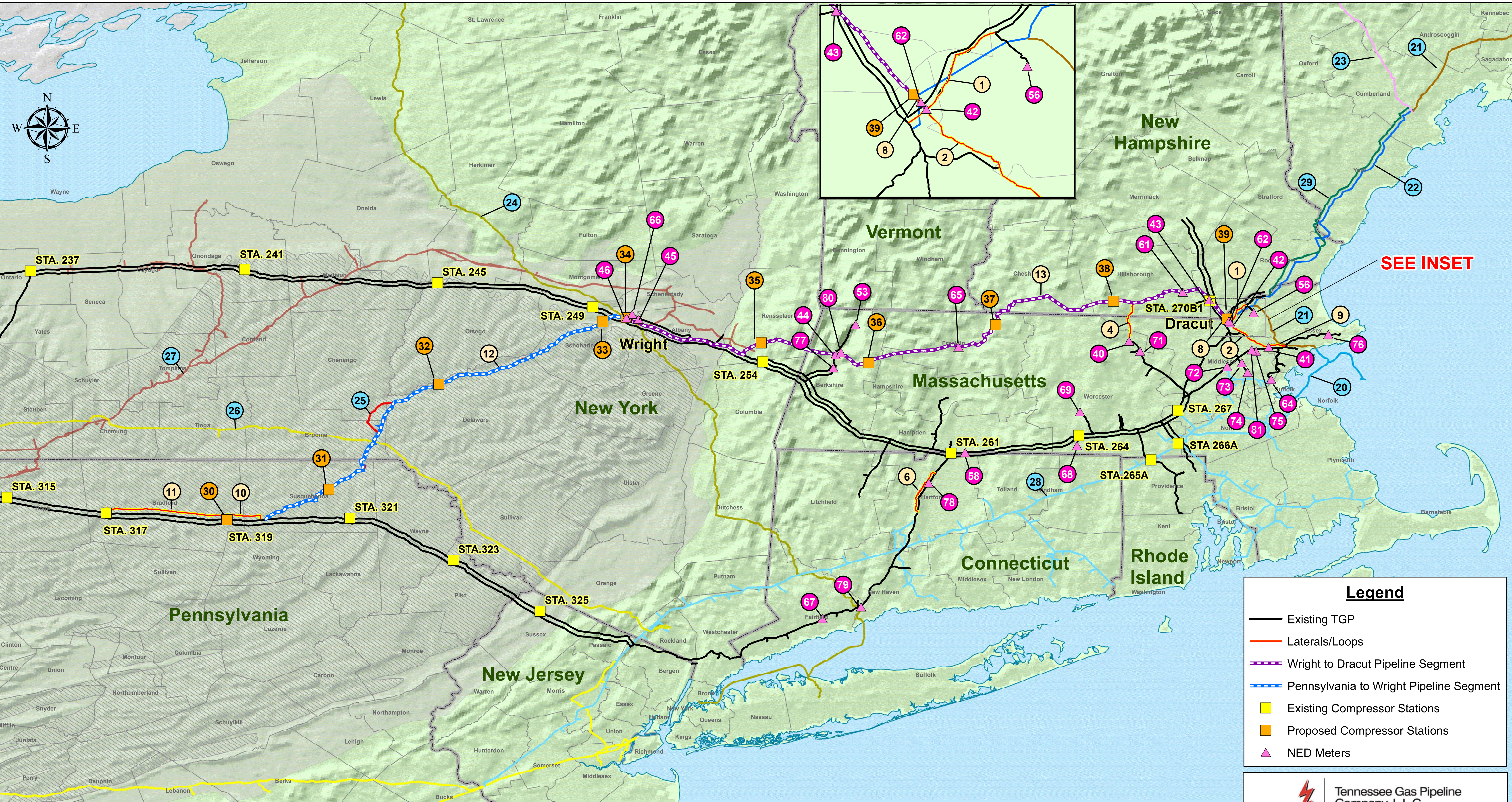
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<b>DESC:</b>	ISSUED FOR FERC
<b>PAGE:</b>	COVER SHEET



SEE INSET

**Legend**

- Existing TGP
- Laterals/Loops
- Wright to Dracut Pipeline Segment
- Pennsylvania to Wright Pipeline Segment
- Existing Compressor Stations
- Proposed Compressor Stations
- ▲ NED Meters

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**Northeast Energy Direct (NED) Project Location Map**

30 15 0 30  
Miles

Created By: BWR  
Date: 10/12/2015  
Oct\_2015\_FINAL\_FERC\_Filing

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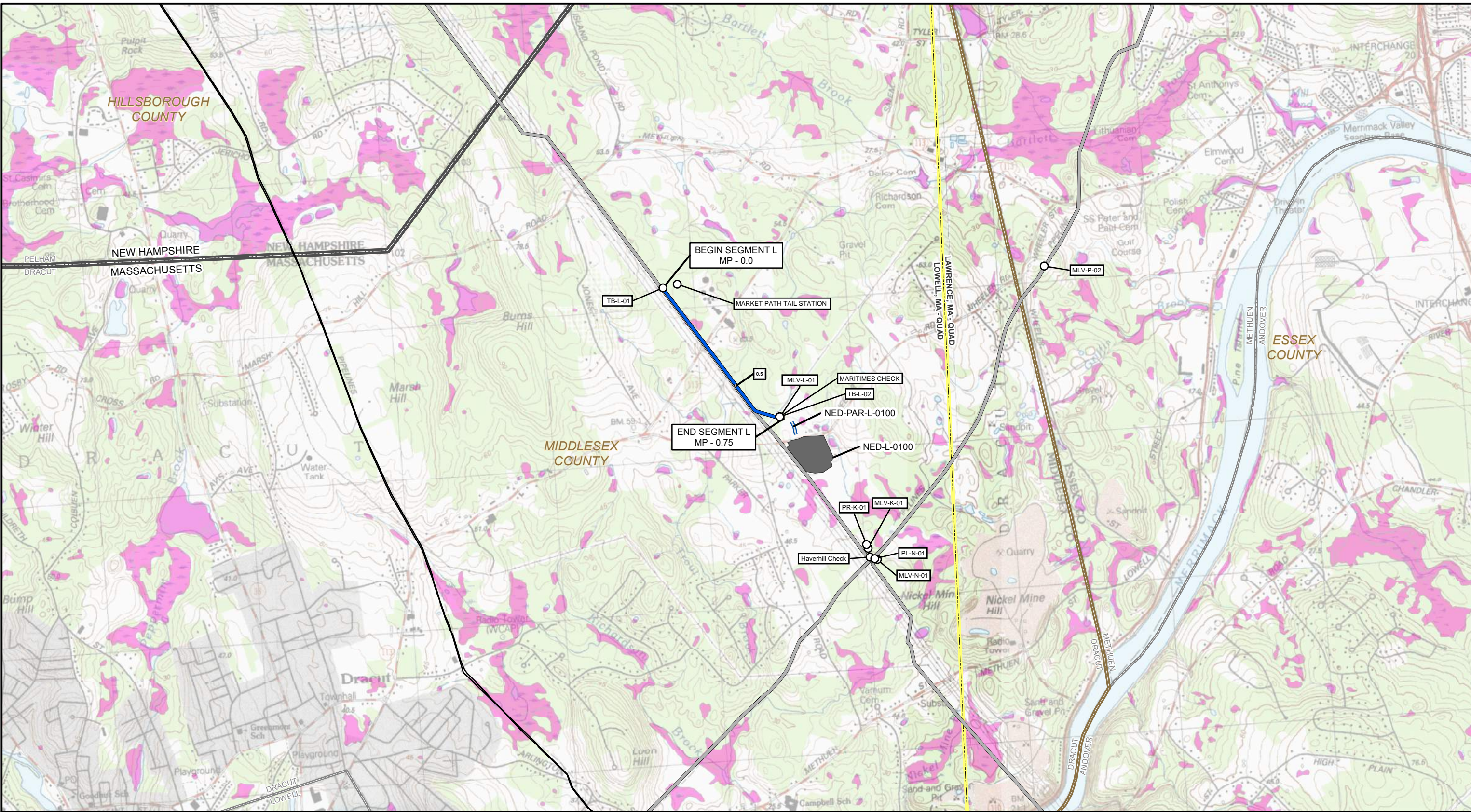
NED Pipeline	MAOP	MOP	State	Dia	Length (mi)
1 Haverhill Lateral	800	750	MA/NH	20"	9.27
2 Lynnfield Lateral	1460	1460	MA	24"	14.28
4 Fitchburg Lateral Extension	1460	1460	MA/NH	12"	13.97
6 300 Line CT Loop	800	719	CT	24"	14.80
8 Maritimes Delivery Line	1460	1460	MA	30"	0.75
9 Peabody Lateral	1460	730	MA	24"	5.32
10 Loop 319-3	1170	1170	PA	36"	9.96
11 Loop 317-3	1170	1170	PA	36"	30.98
12 Pennsylvania to Wright Pipeline Segment	1460*	1460*	PA/NY	30"	132.55
13 Wright to Dracut Pipeline Segment	1460	1460	NY/MA/NH	30"	187.78

\*MAOP/MOP between Supply Path Tail Station & Market Path Head Station is 1600  
\*MOP upstream of Supply Path Head Station is 1170

Pipelines
20 Hub Line
21 M&NP
22 M&NP & PNGTS Joint Facilities
23 PNGTS
24 Iroquois
25 Constitution
26 Millennium
27 Dominion
28 Algonquin
29 Granite State Gas Transmission

Metering & Regulation
40 Fitchburg Lateral Check
41 200-1 Check
42 Haverhill Check
43 200-2 Check
44 North Adams Check
45 NED/200 Line Bi-Directional OPP & Check
46 IGT-Constitution Bi-Directional Meter
53 North Adams Custody (20103)
56 Lawrence (20121)
58 Longmeadow
61 Merrimack
62 Maritimes
64 Everett
65 West Greenfield
66 NED Check
67 Easton (20853)
68 Southbridge (20108)
69 Spencer (20191)
71 Lunenburg (20949)
72 Lexington (20192)
73 Burlington (20341)
74 Arlington (20115)
75 Reading (20136)
76 Essex (20323)
77 Pittsfield (20102)
78 North Bloomfield (20453)
79 Milford (20425)
80 North Adams Regulator
81 Wilmington Regulator

Compressor Stations	Capacity (HP)
30 Station 319 Modifications	52,500 HP
31 Supply Path Head Station	50,500 HP
32 Supply Path Mid Station	50,500 HP
33 Supply Path Tail Station	50,500 HP
34 Market Path Head Station	20,600 HP
35 Market Path Mid Station 1	41,000 HP
36 Market Path Mid Station 2	41,000 HP
37 Market Path Mid Station 3	41,000 HP
38 Market Path Mid Station 4	41,000 HP
39 Market Path Tail Station	23,000 HP



1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT MARITIMES DELIVERY LINE - SEGMENT L CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

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**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**MARITIMES DELIVERY LINE NWI QUAD MAPBOOK**  
**SEGMENT L**  
 MIDDLESEX COUNTY  
 MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

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ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

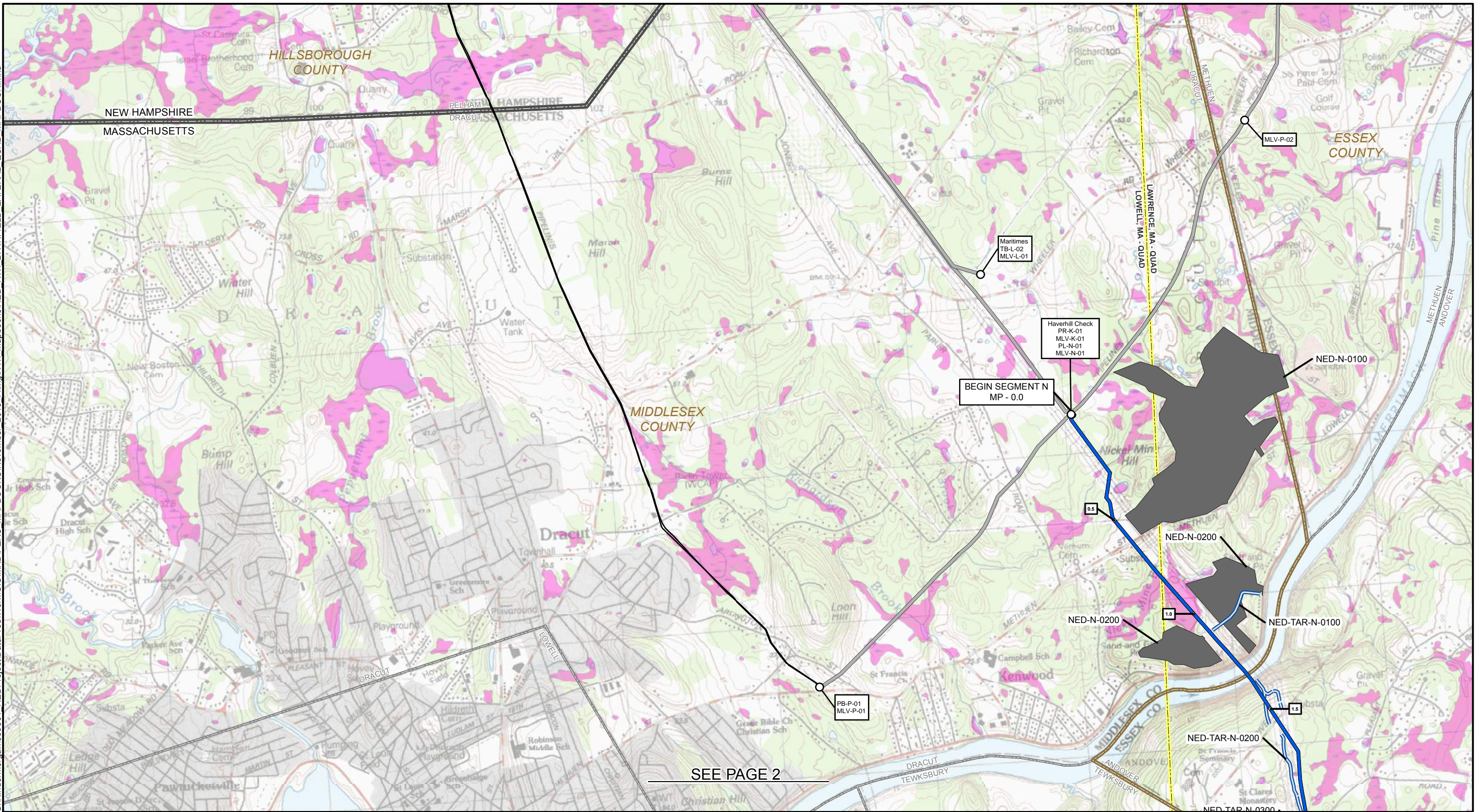
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Hatch Mott MacDonald

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SEE PAGE 2

1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT LYNNFIELD LATERAL - SEGMENT N CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

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## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT LYNNFIELD LATERAL NWI QUAD MAPBOOK SEGMENT N

MIDDLESEX & ESSEX COUNTIES  
MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

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ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

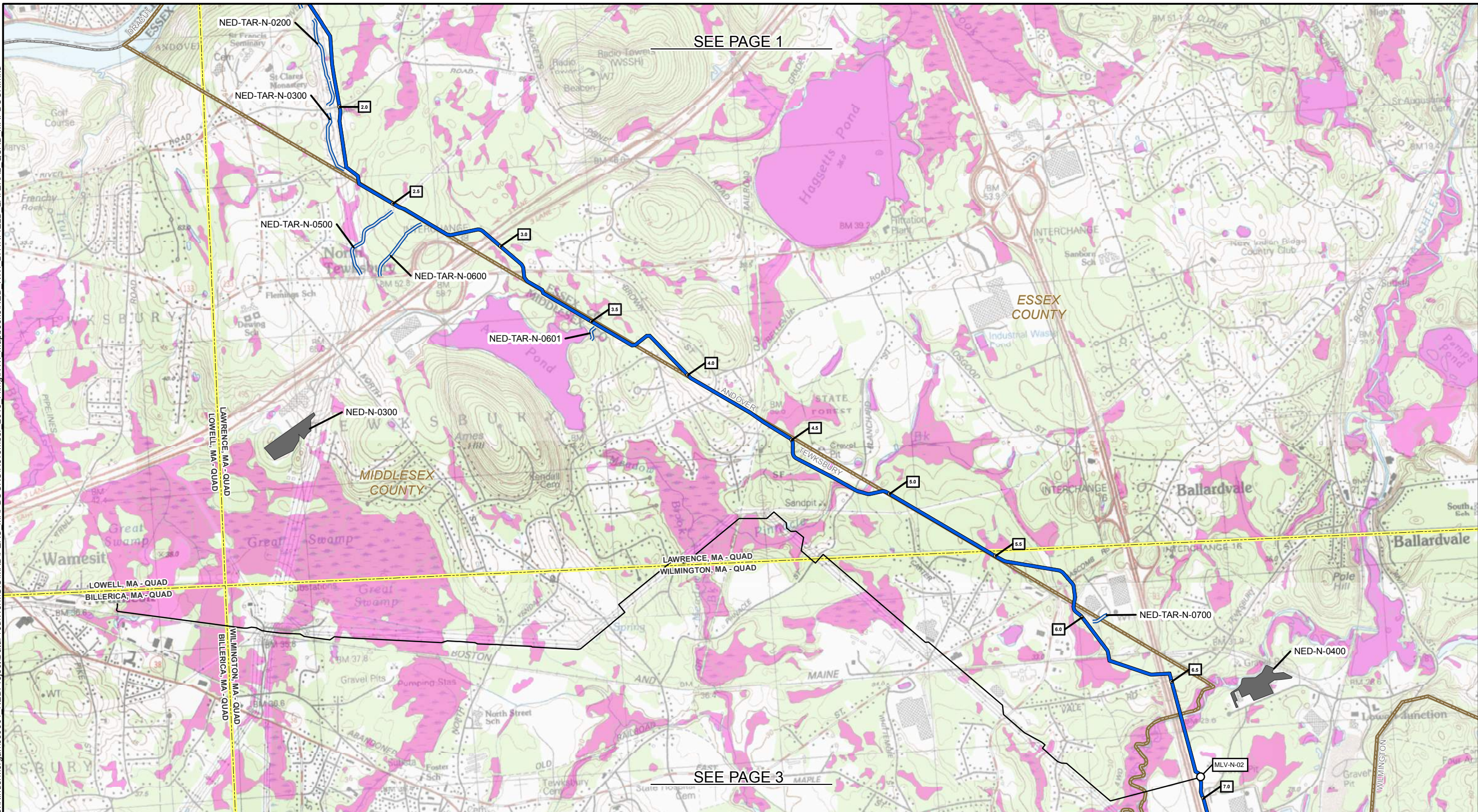
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1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT LYNNFIELD LATERAL - SEGMENT N CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
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**NORTHEAST ENERGY DIRECT PROJECT**  
**LYNNFIELD LATERAL NWI QUAD MAPBOOK**  
**SEGMENT N**

MIDDLESEX & ESSEX COUNTIES  
 MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

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ABSOLUTE SCALE:  
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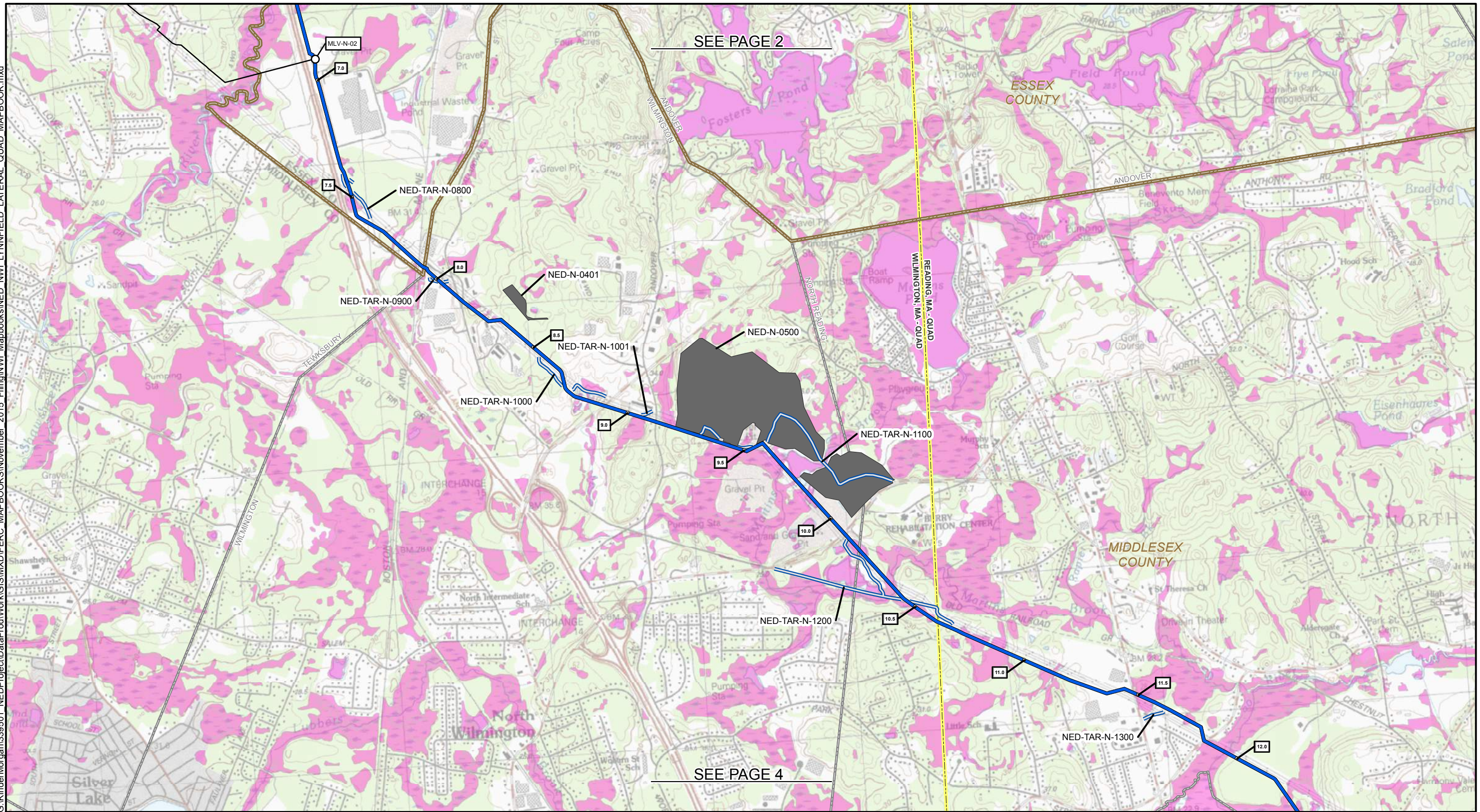
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1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT LYNNFIELD LATERAL - SEGMENT N CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
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**NORTHEAST ENERGY DIRECT PROJECT**  
**LYNNFIELD LATERAL NWI QUAD MAPBOOK**  
**SEGMENT N**

MIDDLESEX & ESSEX COUNTIES  
 MASSACHUSETTS

ABSOLUTE SCALE:  
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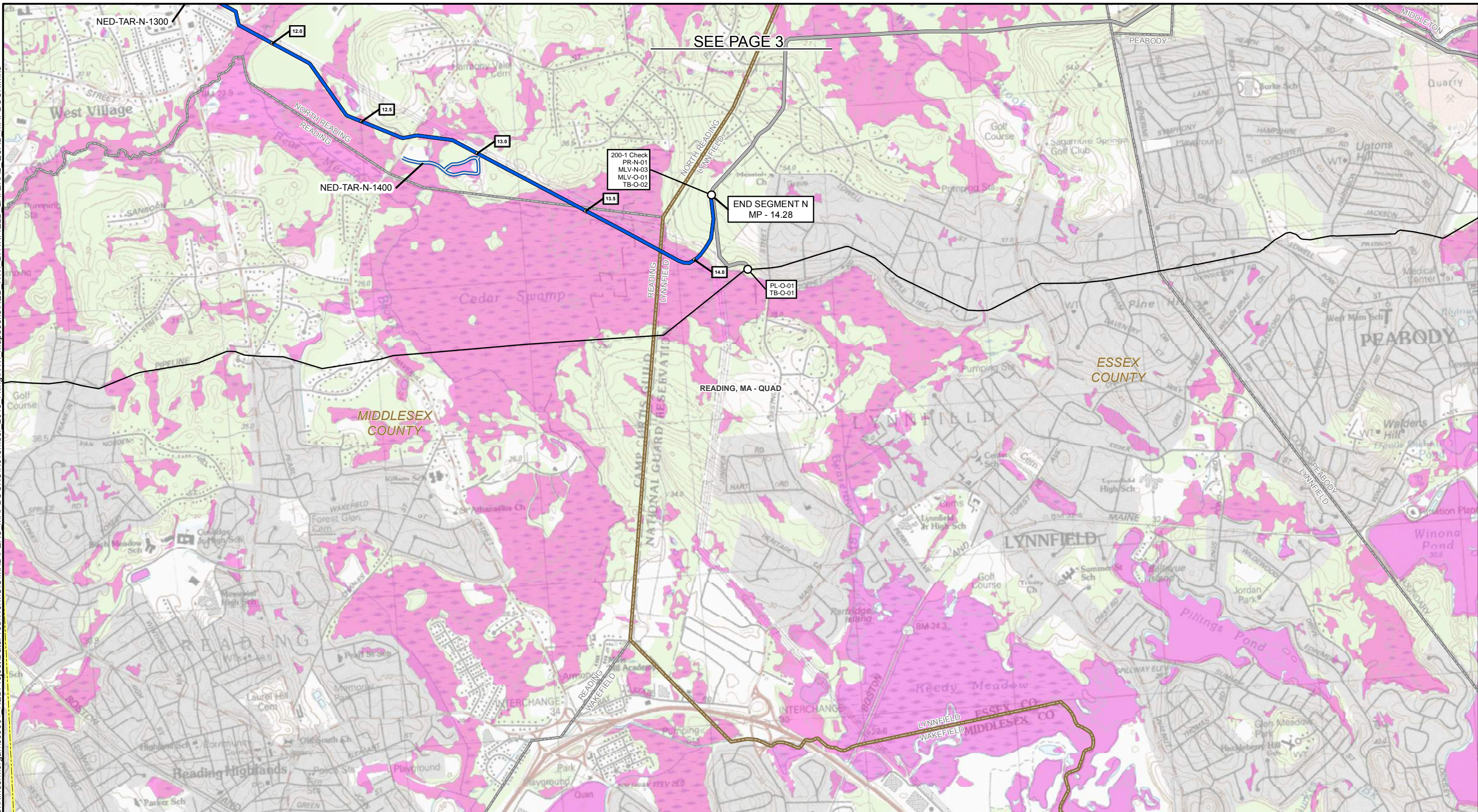
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1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT LYNNFIELD LATERAL - SEGMENT N CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
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## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT LYNNFIELD LATERAL NWI QUAD MAPBOOK SEGMENT N

MIDDLESEX & ESSEX COUNTIES  
MASSACHUSETTS

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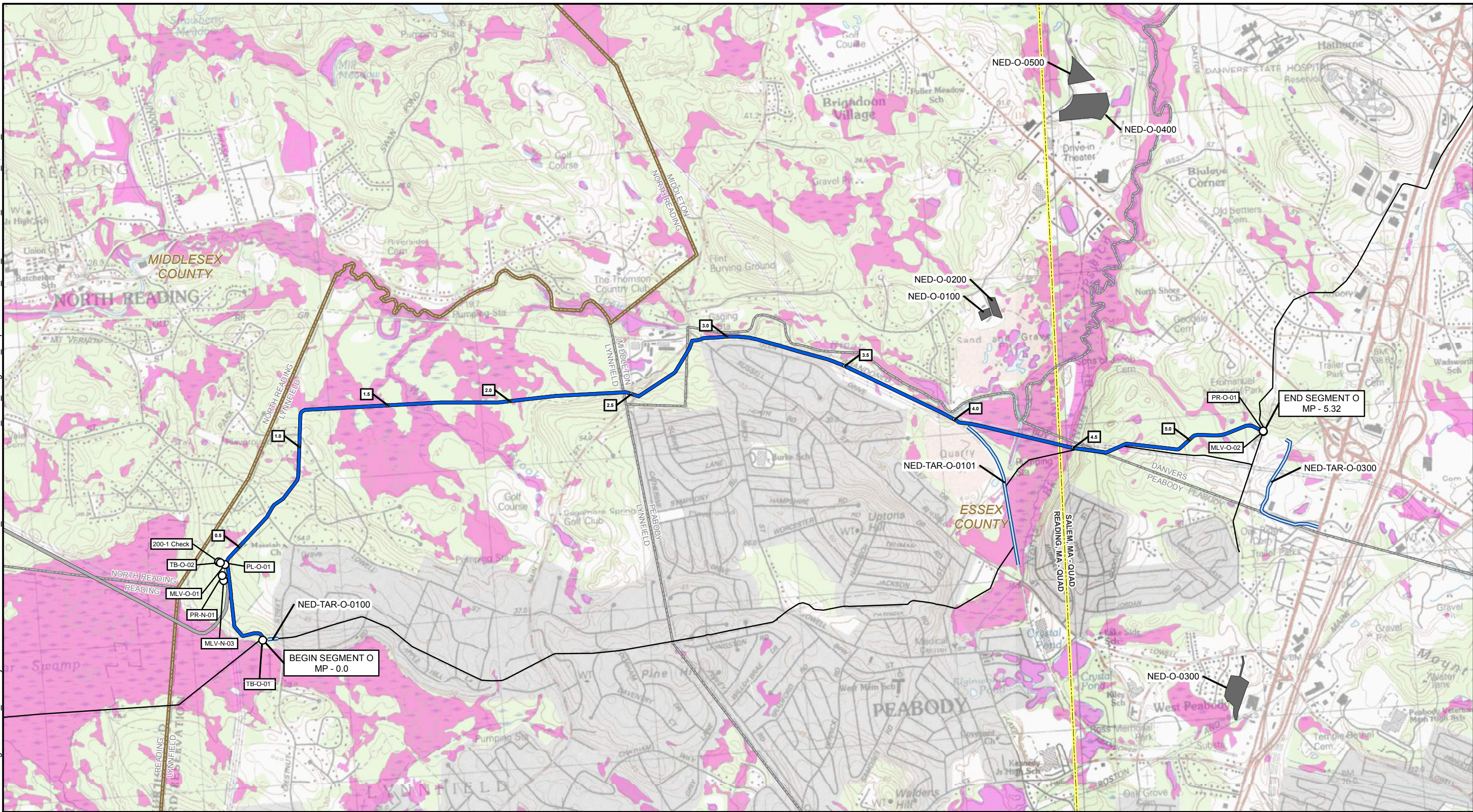
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<b>PAGE:</b>	4 OF 4



MILE POST	NWI WETLANDS
PROPOSED NORTHEAST ENERGY DIRECT PEABODY LATERAL LINE - SEGMENT O CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
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EXISTING TGP PIPELINE	USGS QUADRANGLE BOUNDARY

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**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).**

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**PEABODY LATERAL NWI QUAD MAPBOOK**  
**SEGMENT O**

ESSEX COUNTY  
MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

Tennessee Gas Pipeline Company, L.L.C.  
a Kinder Morgan company

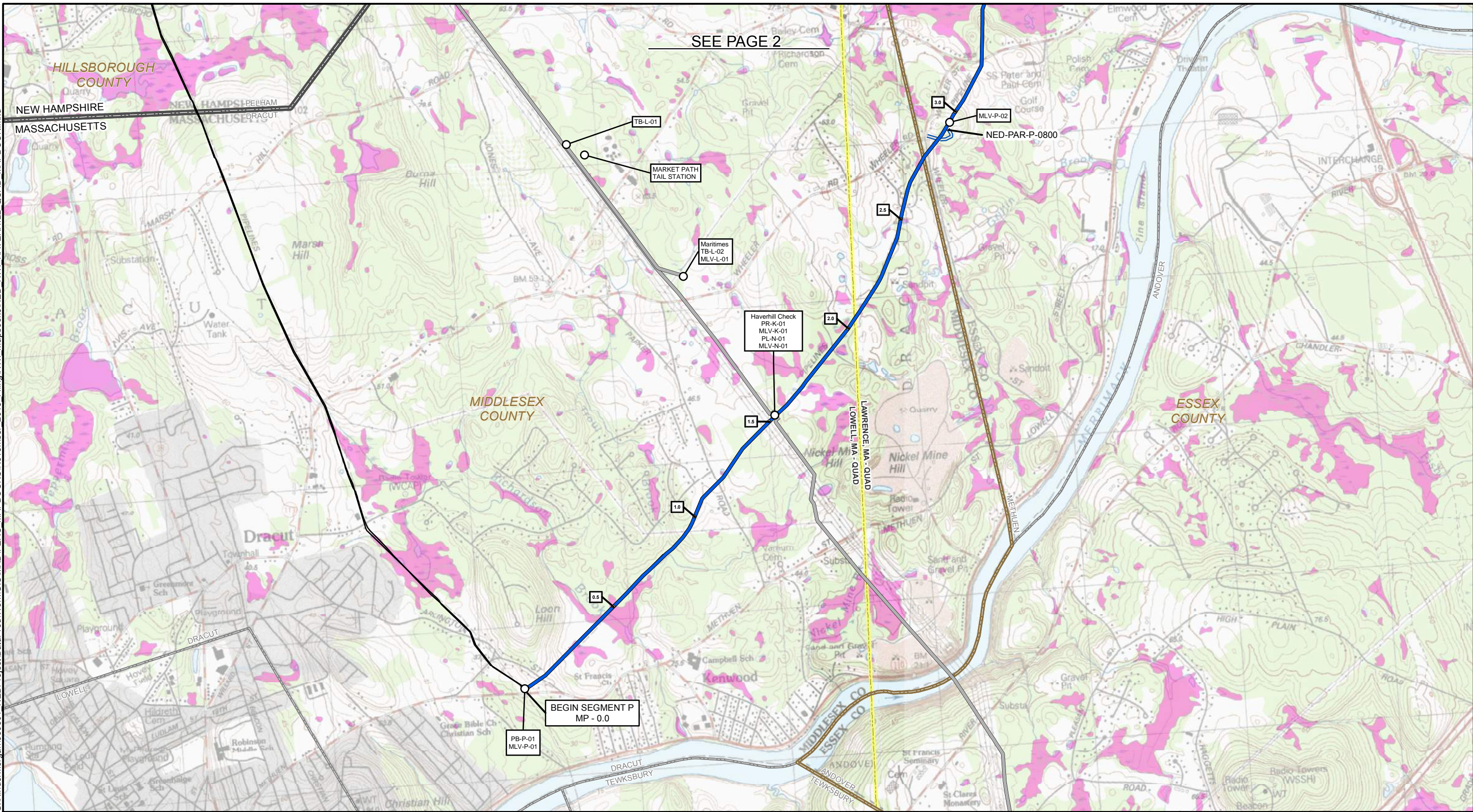
Hatch Mott MacDonald  
150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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<b>PAGE:</b>	1 OF 1



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10192015-1117-AMS-001



1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT HAVERTHILL LATERAL - SEGMENT P CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

\*Temporary Access Roads are depicted to the edge of the temporary workspace which is not shown. When an access road meets up with a public right of way, it begins at the public road's easement.

**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).**

## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT HAVERTHILL LATERAL NWI QUAD MAPBOOK SEGMENT P

MIDDLESEX & ESSEX COUNTIES  
MASSACHUSETTS

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ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

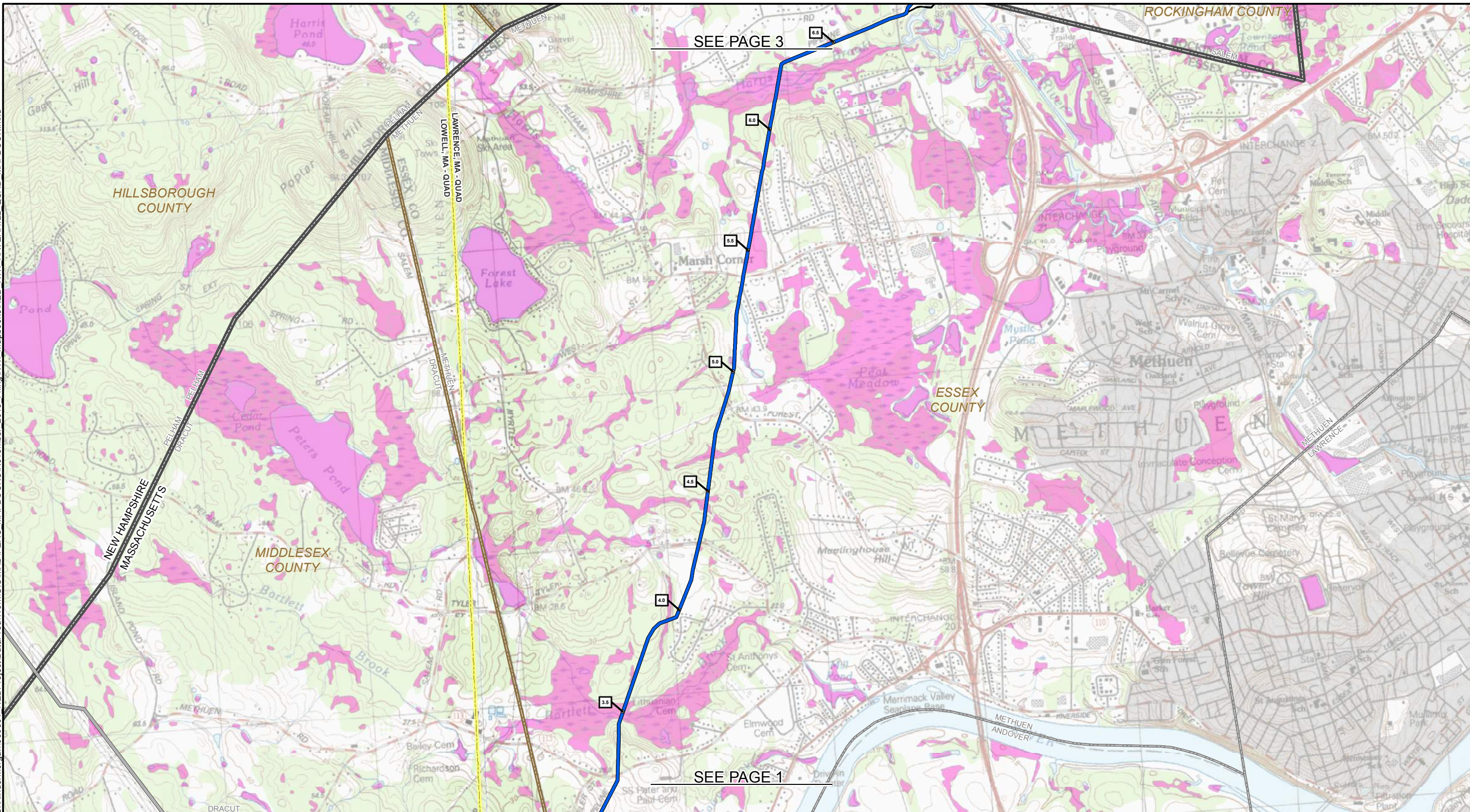
**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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<b>PAGE:</b>	1 OF 3

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SEE PAGE 3

SEE PAGE 1

	MILE POST		NWI WETLAND
	PROPOSED NORTHEAST ENERGY DIRECT HAVERTHILL LATERAL - SEGMENT P CENTERLINE		PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE		MUNICIPAL BOUNDARY
	PROPOSED ACCESS ROAD* NED: Proposed Access Road		COUNTY BOUNDARY
	EXISTING TGP PIPELINE		STATE BOUNDARY
			USGS QUADRANGLE BOUNDARY

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When an access road meets up with a public right of way, it begins at the public road's easement.

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

# TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT HAVERTHILL LATERAL NWI QUAD MAPBOOK SEGMENT P

ESSEX COUNTY  
MASSACHUSETTS

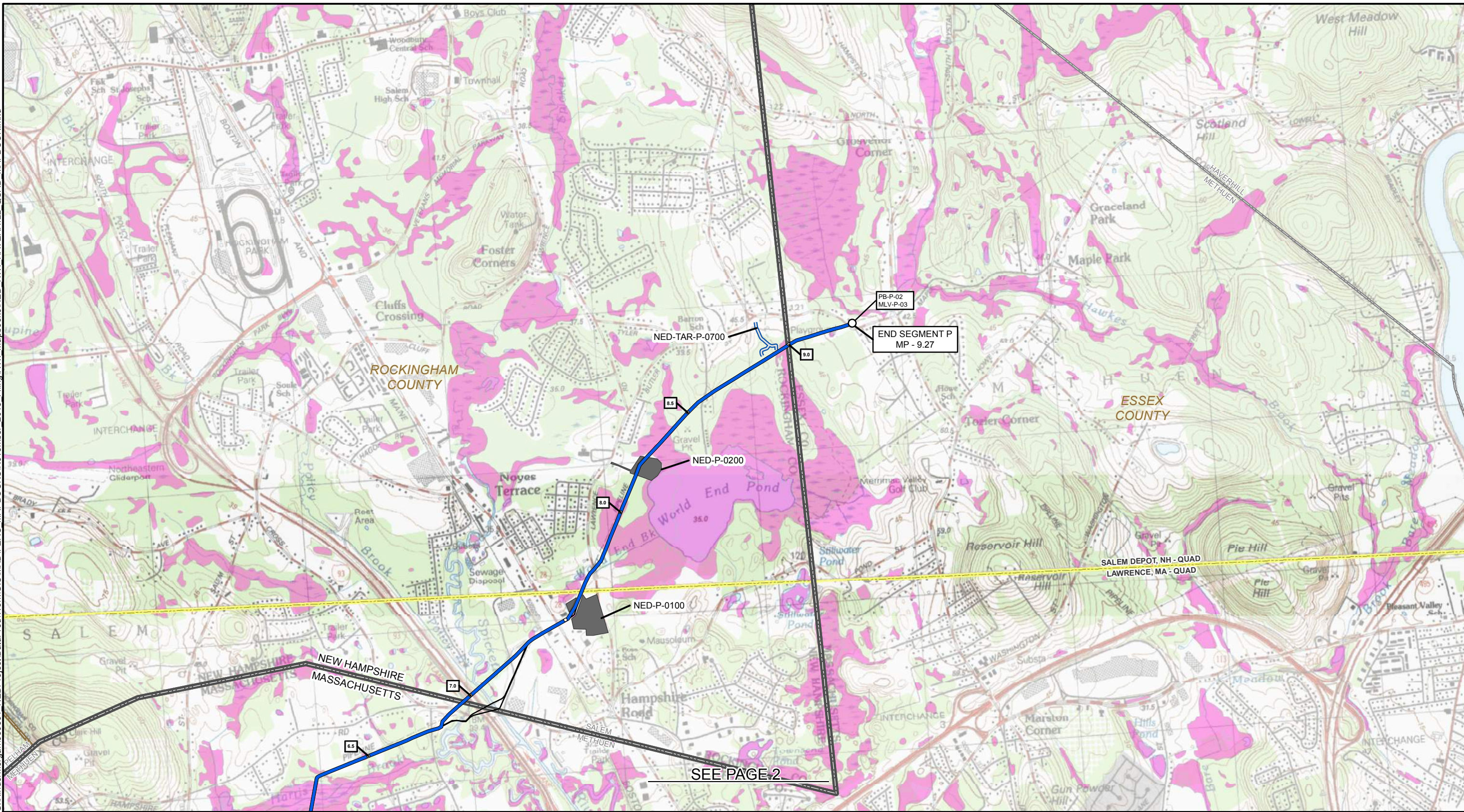


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<b>PAGE:</b>	2 OF 3



SEE PAGE 2

1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT HAVERTHILL LATERAL - SEGMENT P CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

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**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).**

## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT HAVERTHILL LATERAL NWI QUAD MAPBOOK SEGMENT P

ROCKINGHAM COUNTY, NEW HAMPSHIRE AND ESSEX COUNTY  
MASSACHUSETTS

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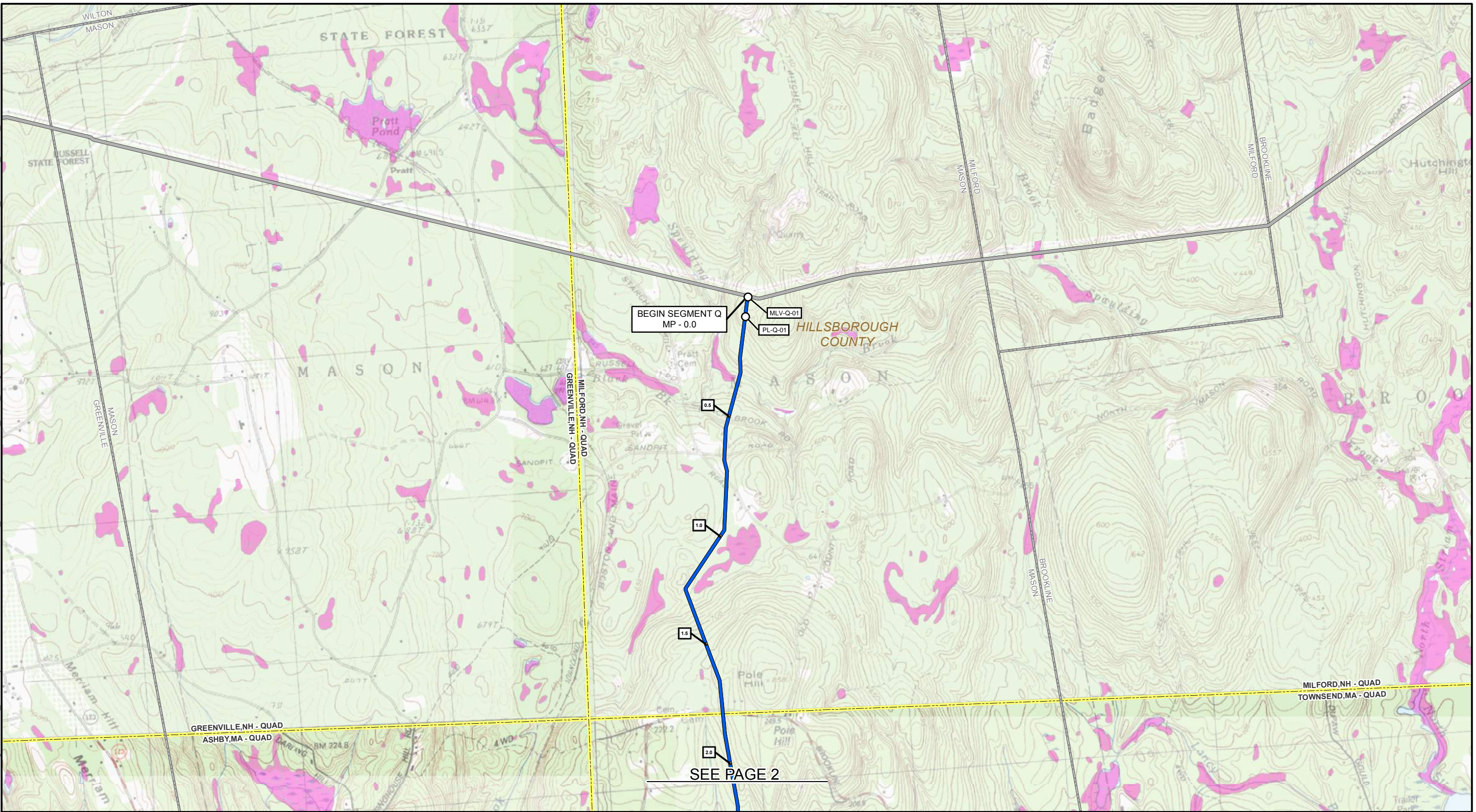
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1 IN = 2,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

**Hatch Mott MacDonald**

150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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<b>REVISION:</b>	2
<b>DESC:</b>	ISSUED FOR FERC
<b>PAGE:</b>	3 OF 3



1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT FITCHBURG LATERAL LINE - SEGMENT Q CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

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## TENNESSEE GAS PIPELINE COMPANY, L.L.C.

### NORTHEAST ENERGY DIRECT PROJECT

### FITCBURG LATERAL NWI QUAD MAPBOOK

#### SEGMENT Q

HILLSBOROUGH COUNTY  
NEW HAMPSHIRE

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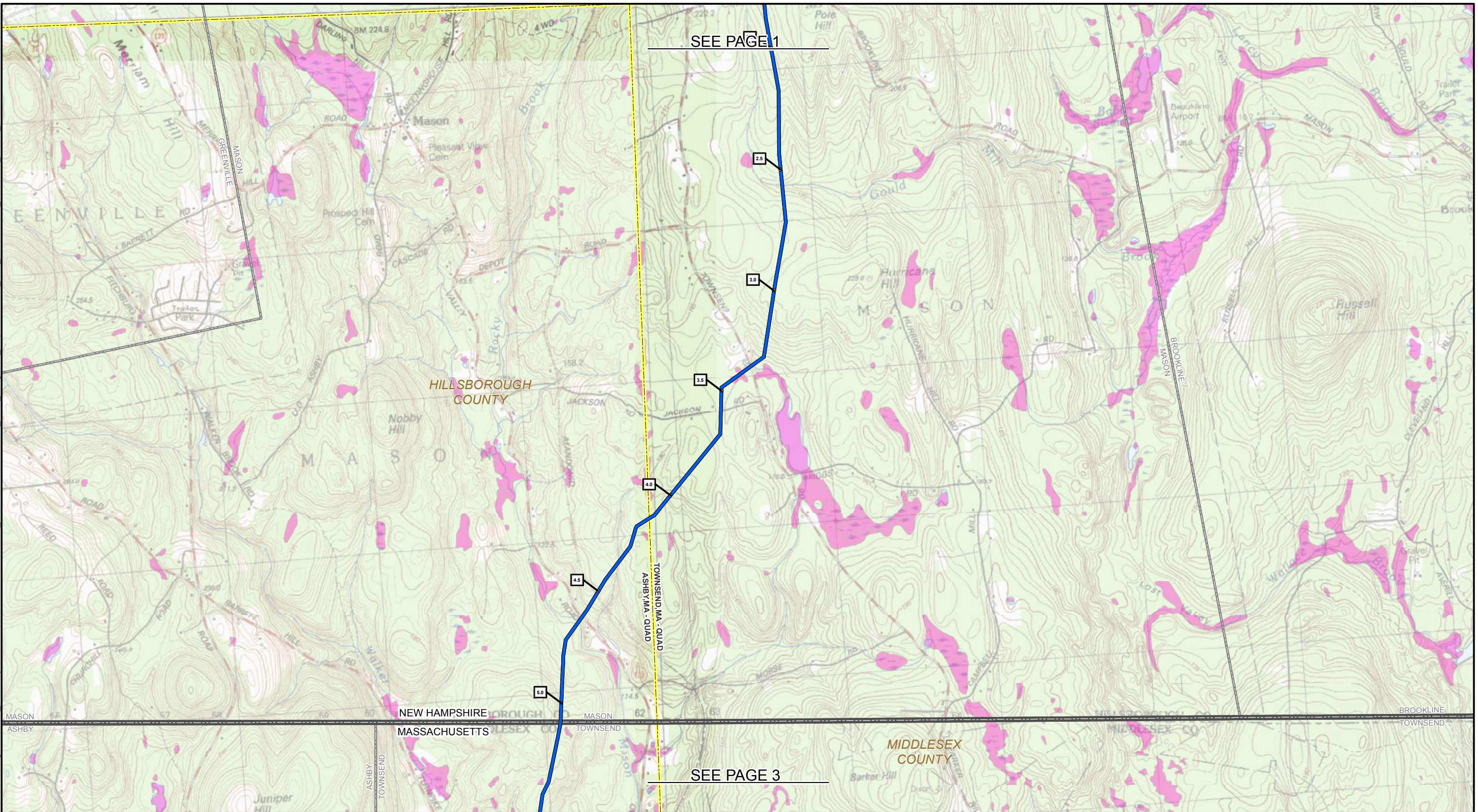
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SEE PAGE 1

SEE PAGE 3

1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT FITCHBURG LATERAL LINE - SEGMENT Q CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

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**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).**

## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT FITCBURG LATERAL NWI QUAD MAPBOOK SEGMENT Q

HILLSBOROUGH COUNTY, NEW HAMPSHIRE & MIDDLESEX COUNTY  
MASSACHUSETTS

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ABSOLUTE SCALE:  
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REFERENCE SCALE:  
1 IN = 2,000 FEET

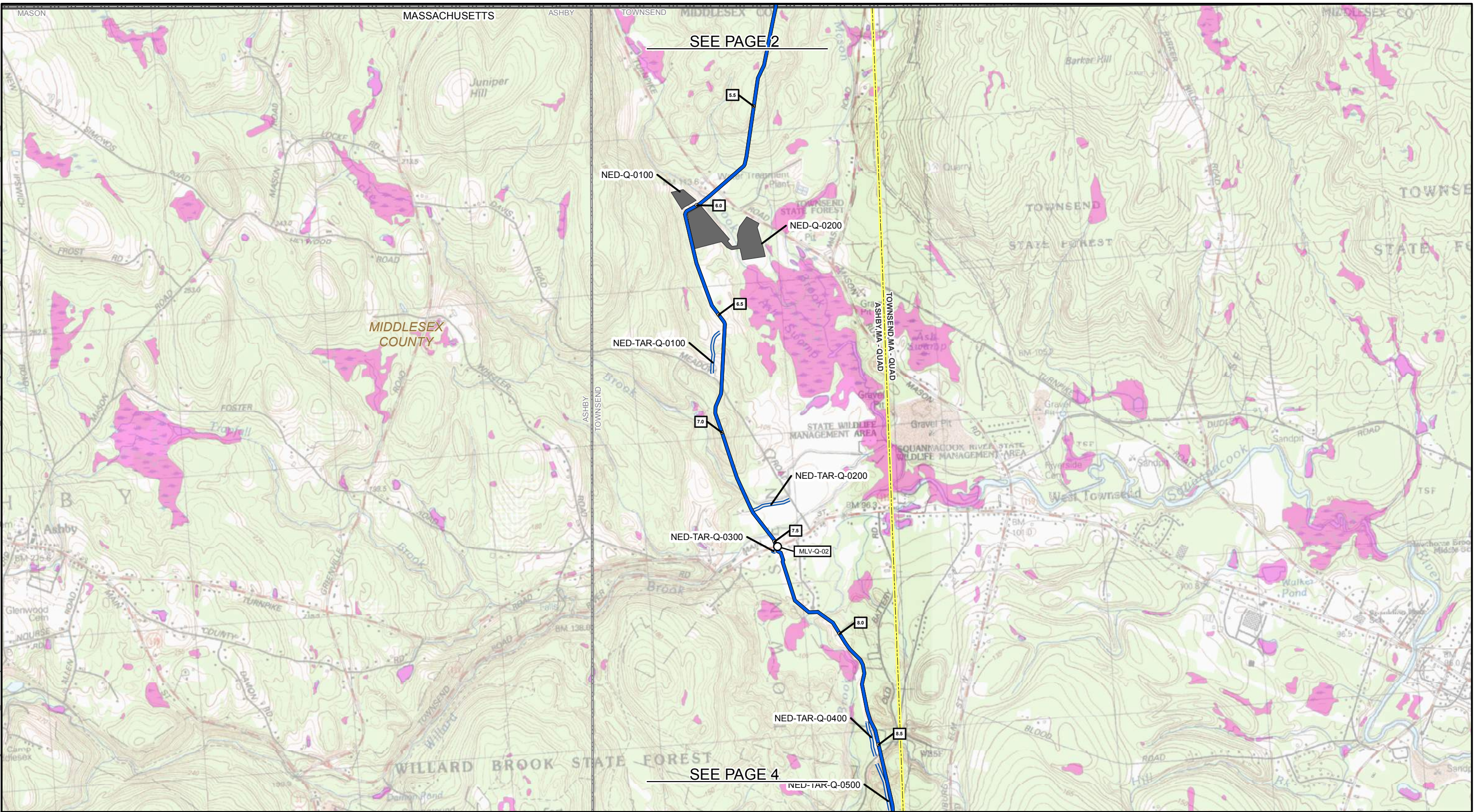
**Tennessee Gas Pipeline Company, L.L.C.**  
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1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT FITCHBURG LATERAL LINE - SEGMENT Q CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
<small>*Temporary Access Roads are depicted to the edge of the temporary workspace which is not shown. When an access road meets up with a public right of way, it begins at the public road's easement.</small>	USGS QUADRANGLE BOUNDARY

**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).**

## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT FITCBURG LATERAL NWI QUAD MAPBOOK SEGMENT Q

MIDDLESEX COUNTY  
MASSACHUSETTS

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ABSOLUTE SCALE:  
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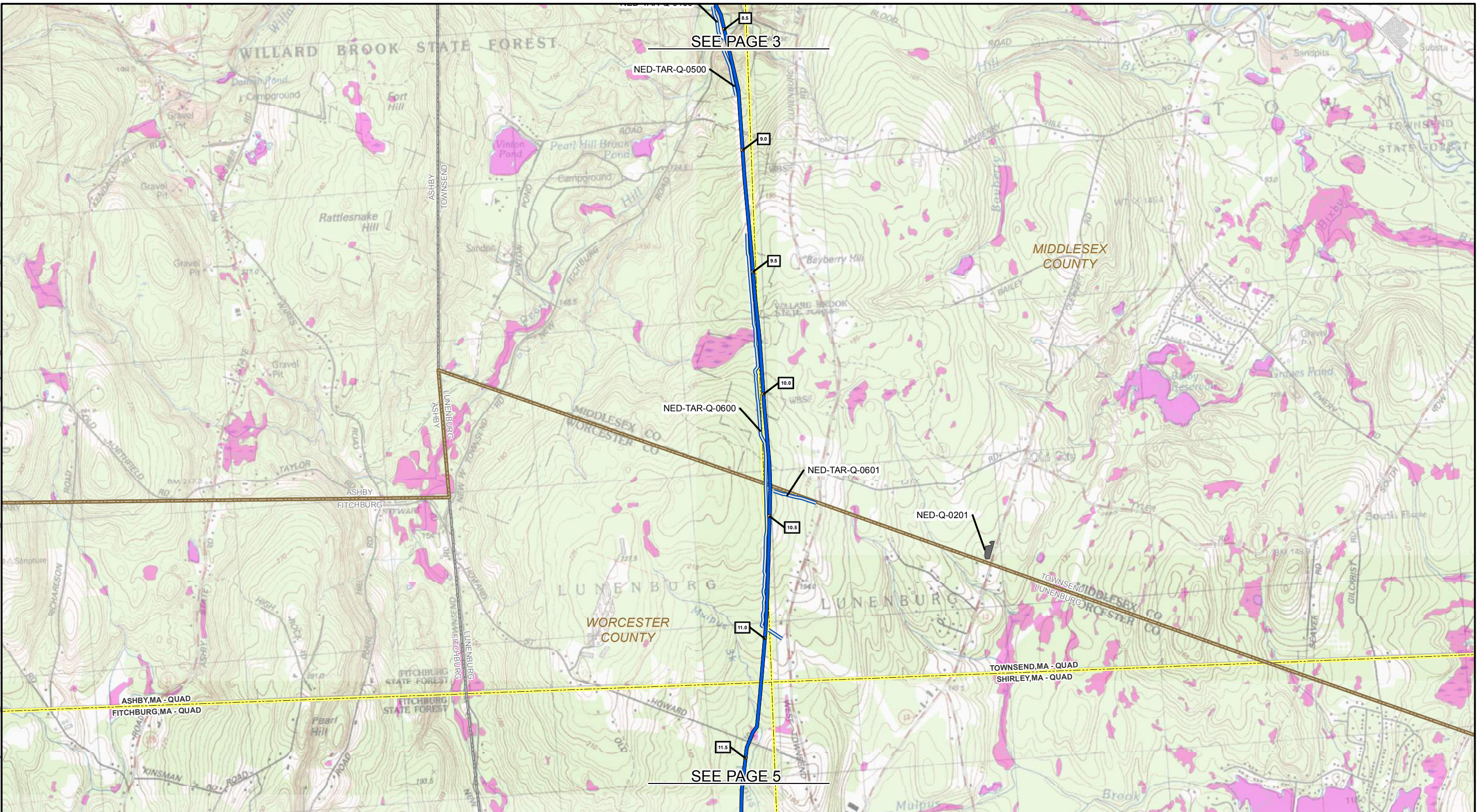
REFERENCE SCALE:  
1 IN = 2,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

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150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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APPROVED BY:	HMM
REV. DATE:	11/2015
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PAGE:	3 OF 6



SEE PAGE 3

SEE PAGE 5

1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT FITCHBURG LATERAL LINE - SEGMENT Q CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

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**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).**

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**FITCHBURG LATERAL NWI QUAD MAPBOOK**  
**SEGMENT Q**

MIDDLESEX & WORCESTER COUNTIES  
 MASSACHUSETTS

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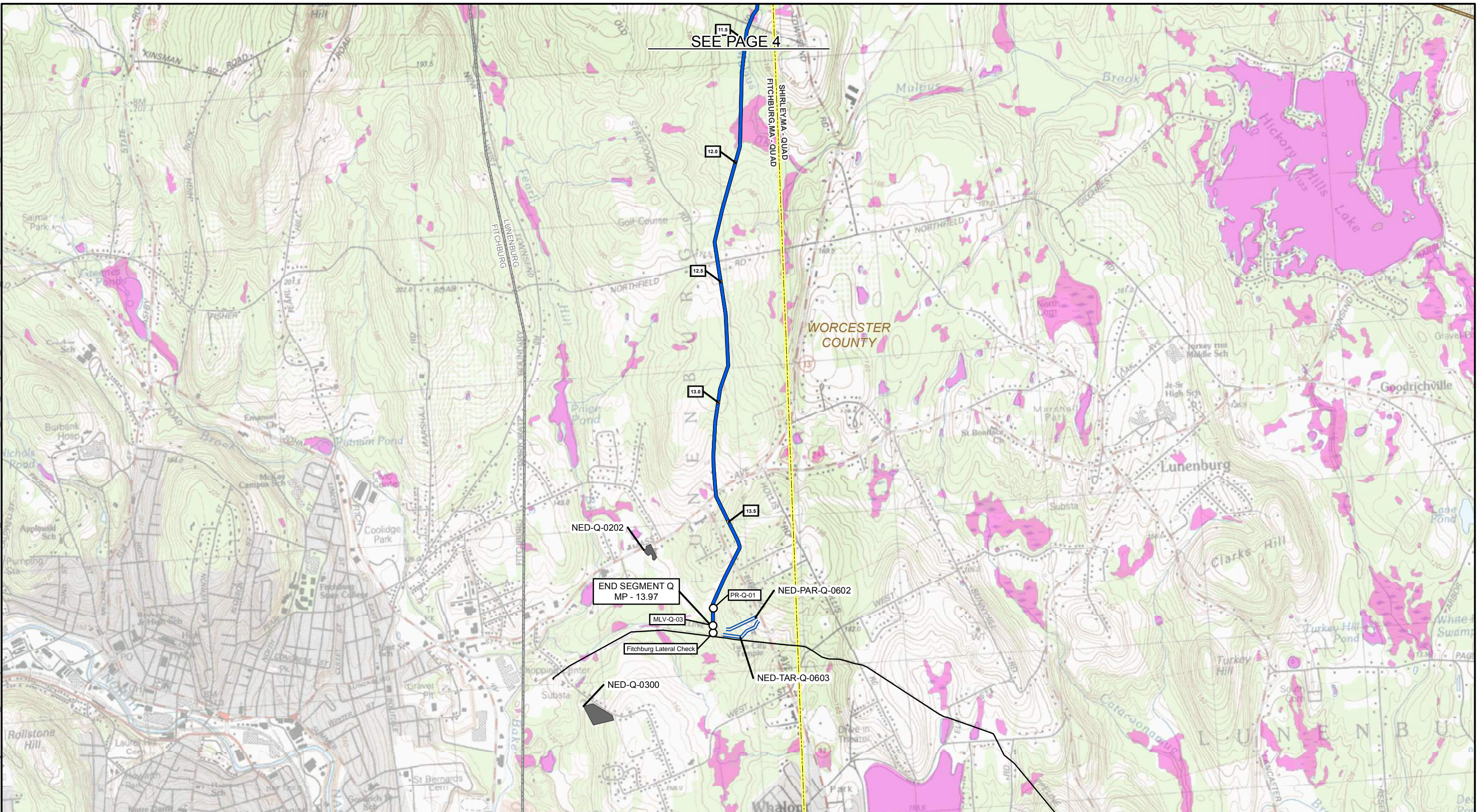
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REFERENCE SCALE:  
1 IN = 2,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

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Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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<b>REVISION:</b>	2
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<b>PAGE:</b>	4 OF 6



1 MILE POST	NW1 WETLAND
PROPOSED NORTHEAST ENERGY DIRECT FITCHBURG LATERAL LINE - SEGMENT Q CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

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**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S GEOLOGICAL SURVEY (USGS).**

## TENNESSEE GAS PIPELINE COMPANY, L.L.C.

### NORTHEAST ENERGY DIRECT PROJECT

### FITCHBURG LATERAL NWI QUAD MAPBOOK

#### SEGMENT Q

WORCESTER COUNTY  
MASSACHUSETTS

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ABSOLUTE SCALE:  
1:24,000

REFERENCE SCALE:  
1 IN = 2,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

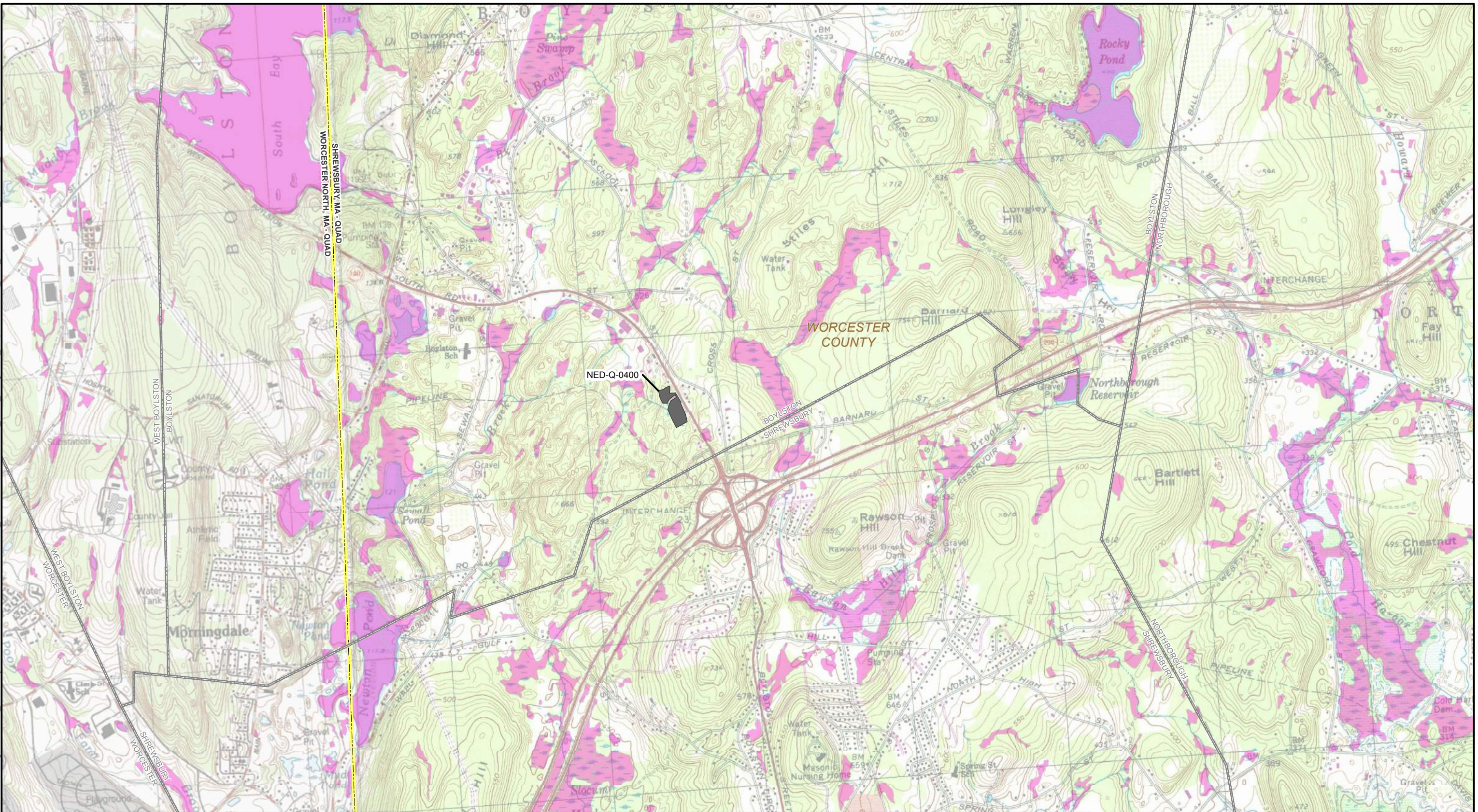
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**Hatch Mott MacDonald**

150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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REVISION:	2
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PAGE:	5 OF 6





1 MILE POST	NWI WETLAND
PROPOSED NORTHEAST ENERGY DIRECT FITCHBURG LATERAL LINE - SEGMENT Q CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	COUNTY BOUNDARY
EXISTING TGP PIPELINE	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY

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## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT FITCHBURG LATERAL NWI QUAD MAPBOOK SEGMENT Q

WORCESTER COUNTY  
MASSACHUSETTS

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REFERENCE SCALE:  
1 IN = 2,000 FEET

**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

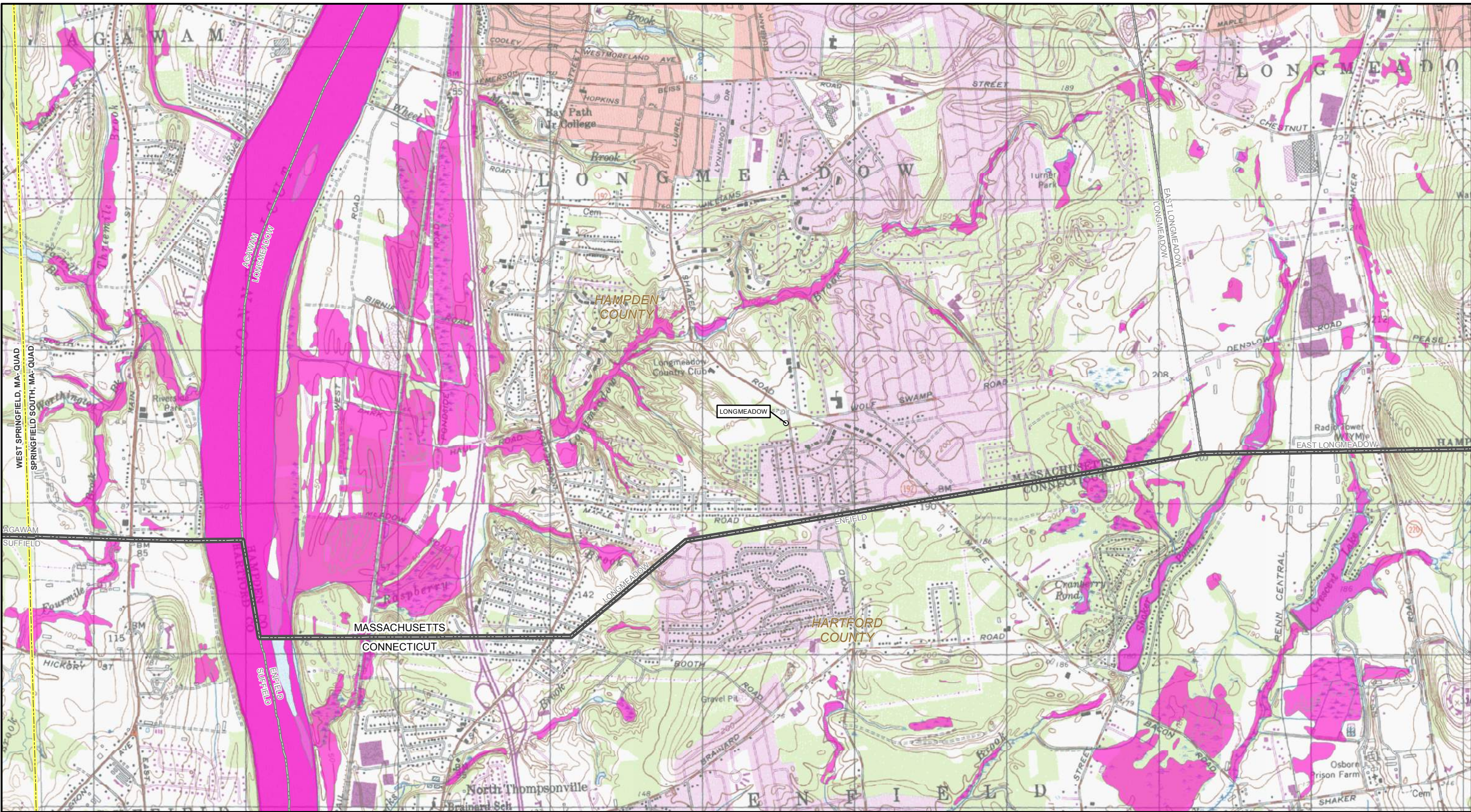
**Hatch Mott MacDonald**

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11/18/2015-1117-AMS-000



- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- MUNICIPAL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY
- USGS QUADRANGLE BOUNDARY
- NW1 WETLAND

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NW1 QUAD MAPBOOK**  
**LONGMEADOW**

HAMPDEN COUNTY  
 MASSACHUSETTS

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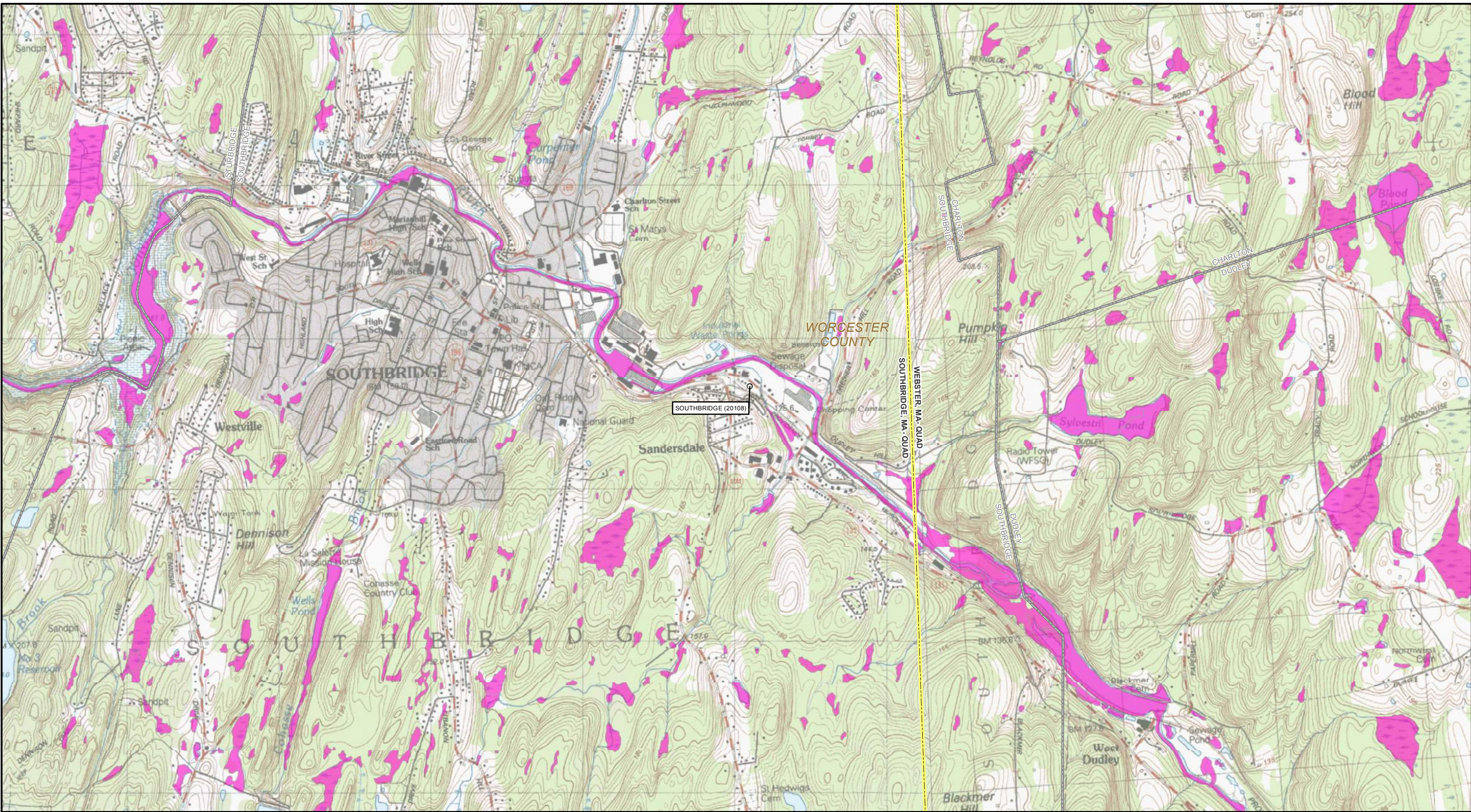
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Tennessee Gas Pipeline Company, L.L.C.  
a Kinder Morgan company

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	PROPOSED METER SITE
	EXISTING TGP PIPELINE
	MUNICIPAL BOUNDARY
	COUNTY BOUNDARY
	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY
	NWI WETLAND

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NWI QUAD MAPBOOK**  
**SOUTHBRIDGE (20108)**

WORCESTER COUNTY  
 MASSACHUSETTS

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1 IN = 2,000 FEET

Tennessee Gas Pipeline Company, L.L.C.  
a Kinder Morgan company

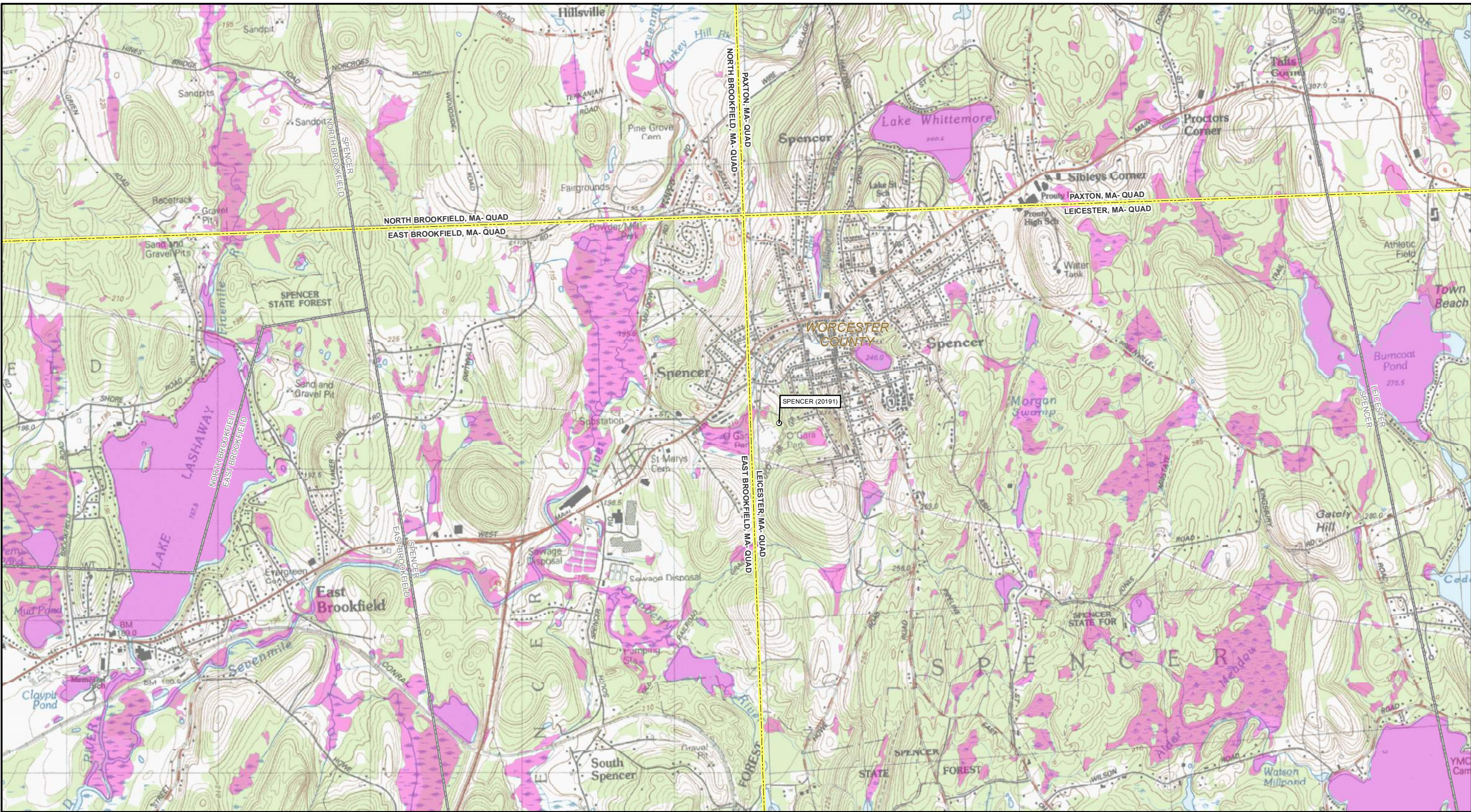
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	PROPOSED METER SITE
	EXISTING TGP PIPELINE
	MUNICIPAL BOUNDARY
	COUNTY BOUNDARY
	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY
	NW1 WETLAND

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NW1 QUAD MAPBOOK**  
**SPENCER (20191)**

WORCESTER COUNTY  
 MASSACHUSETTS

2,000 1,000 0 2,000 4,000 FEET

ABSOLUTE SCALE:  
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REFERENCE SCALE:  
1 IN = 2,000 FEET

Tennessee Gas Pipeline Company, L.L.C.  
a Kinder Morgan company

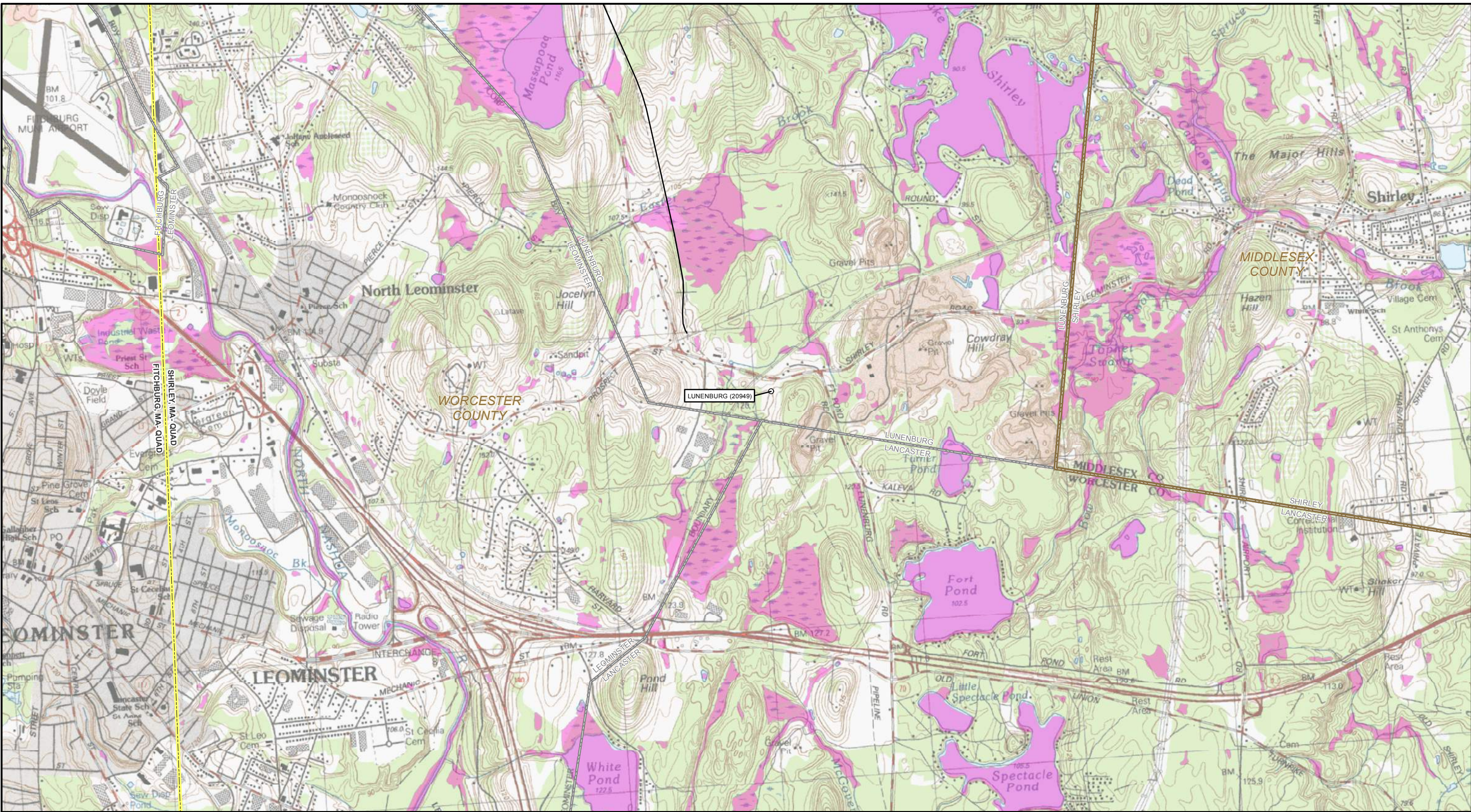
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

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-  PROPOSED METER SITE
-  EXISTING TGP PIPELINE
-  MUNICIPAL BOUNDARY
-  COUNTY BOUNDARY
-  STATE BOUNDARY
-  USGS QUADRANGLE BOUNDARY
-  NWI WETLAND


**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).**

## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT METER SITE NWI QUAD MAPBOOK LUNENBURG (20949)

WORCESTER COUNTY  
MASSACHUSETTS



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REFERENCE SCALE:  
1 IN = 2,000 FEET



**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company



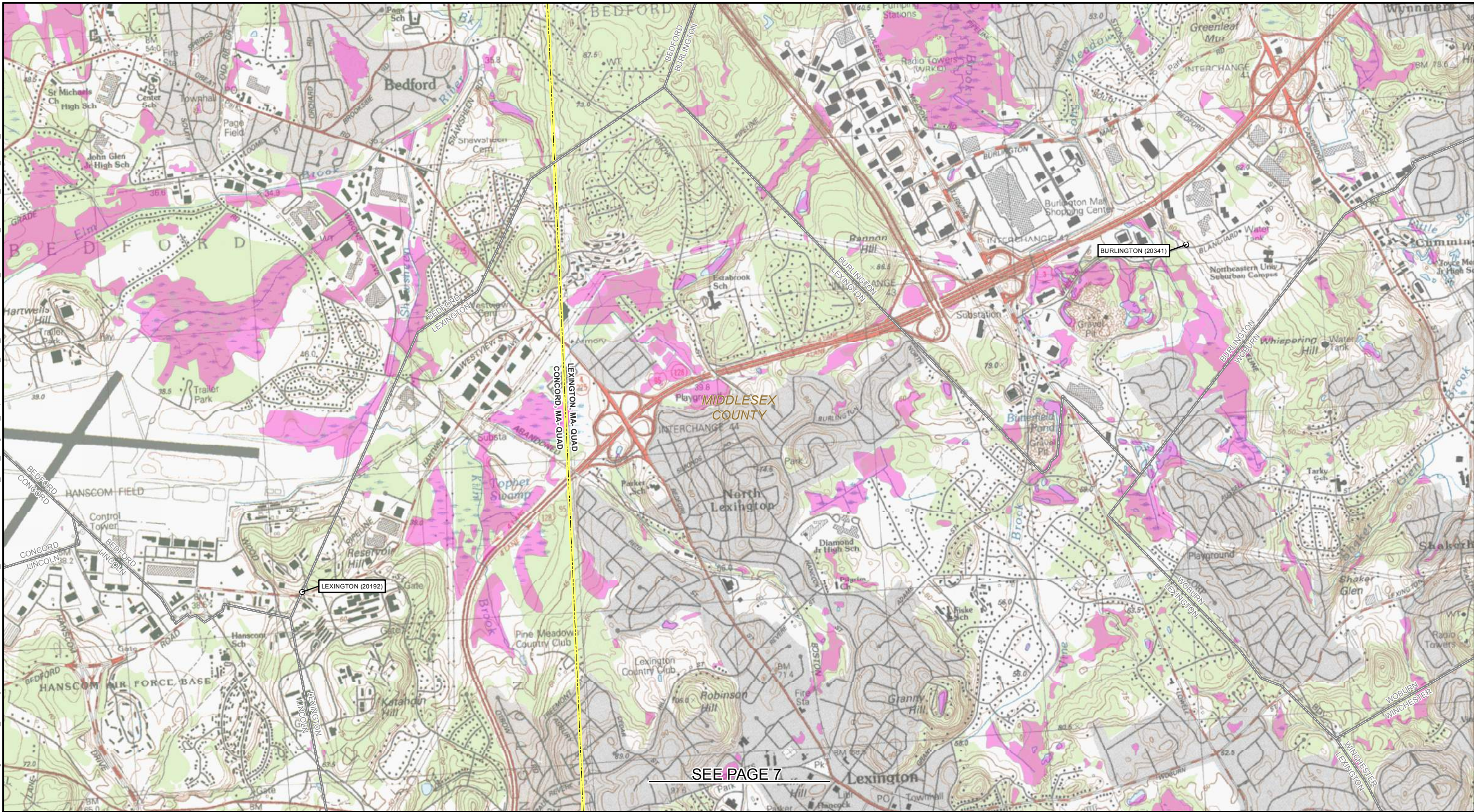
**Hatch Mott MacDonald**

150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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SEE PAGE 7

- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ USGS QUADRANGLE BOUNDARY
- ▭ NWI WETLAND

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NWI QUAD MAPBOOK**  
**LEXINGTON (20192) & BURLINGTON (20341)**

MIDDLESEX COUNTY  
 MASSACHUSETTS



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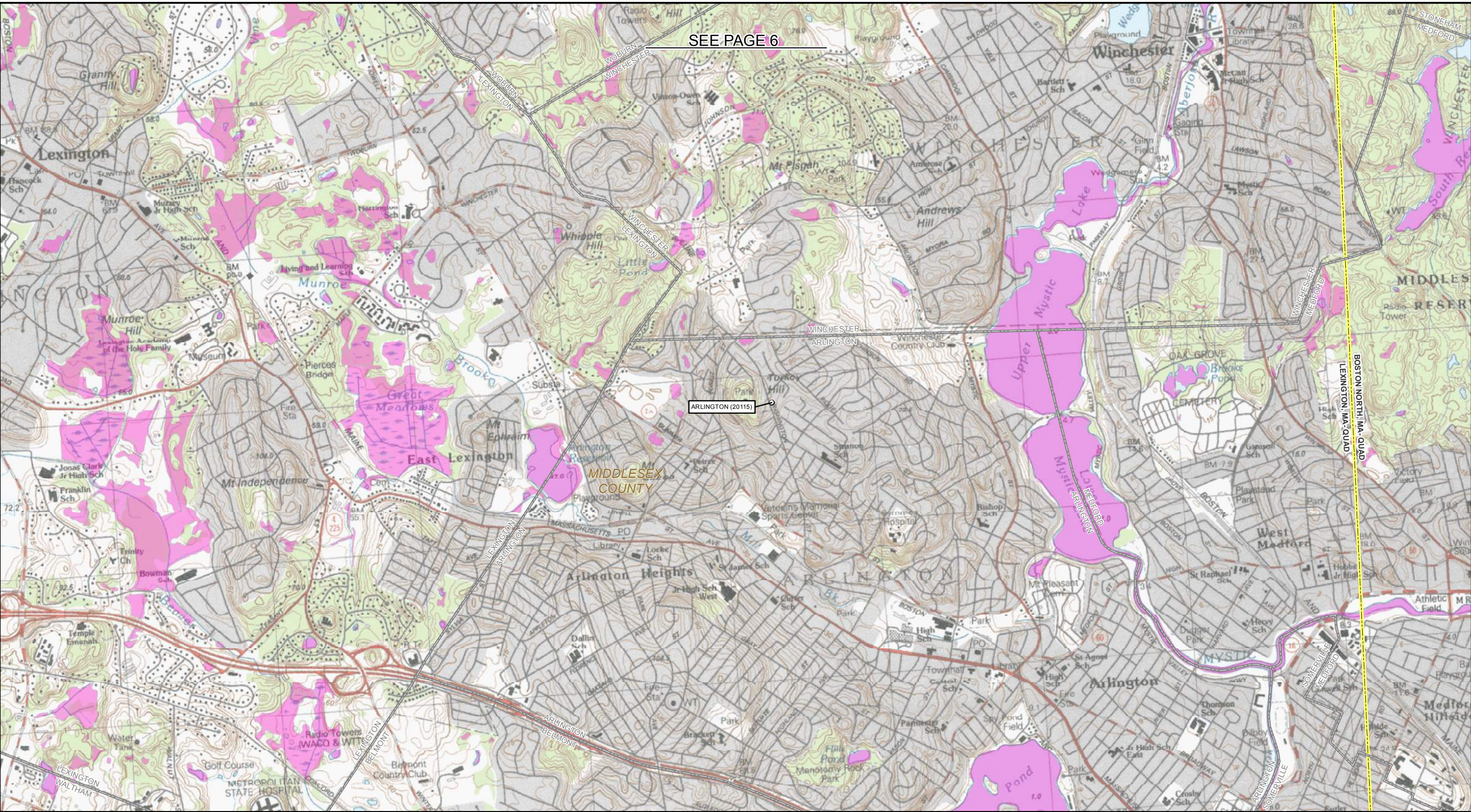


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 Holyoke, MA 01040  
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<b>PAGE:</b>	6 OF 14

SEE PAGE 6

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- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ USGS QUADRANGLE BOUNDARY
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MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NWI QUAD MAPBOOK**  
**ARLINGTON (2015)**

MIDDLESEX COUNTY  
MASSACHUSETTS



ABSOLUTE SCALE:  
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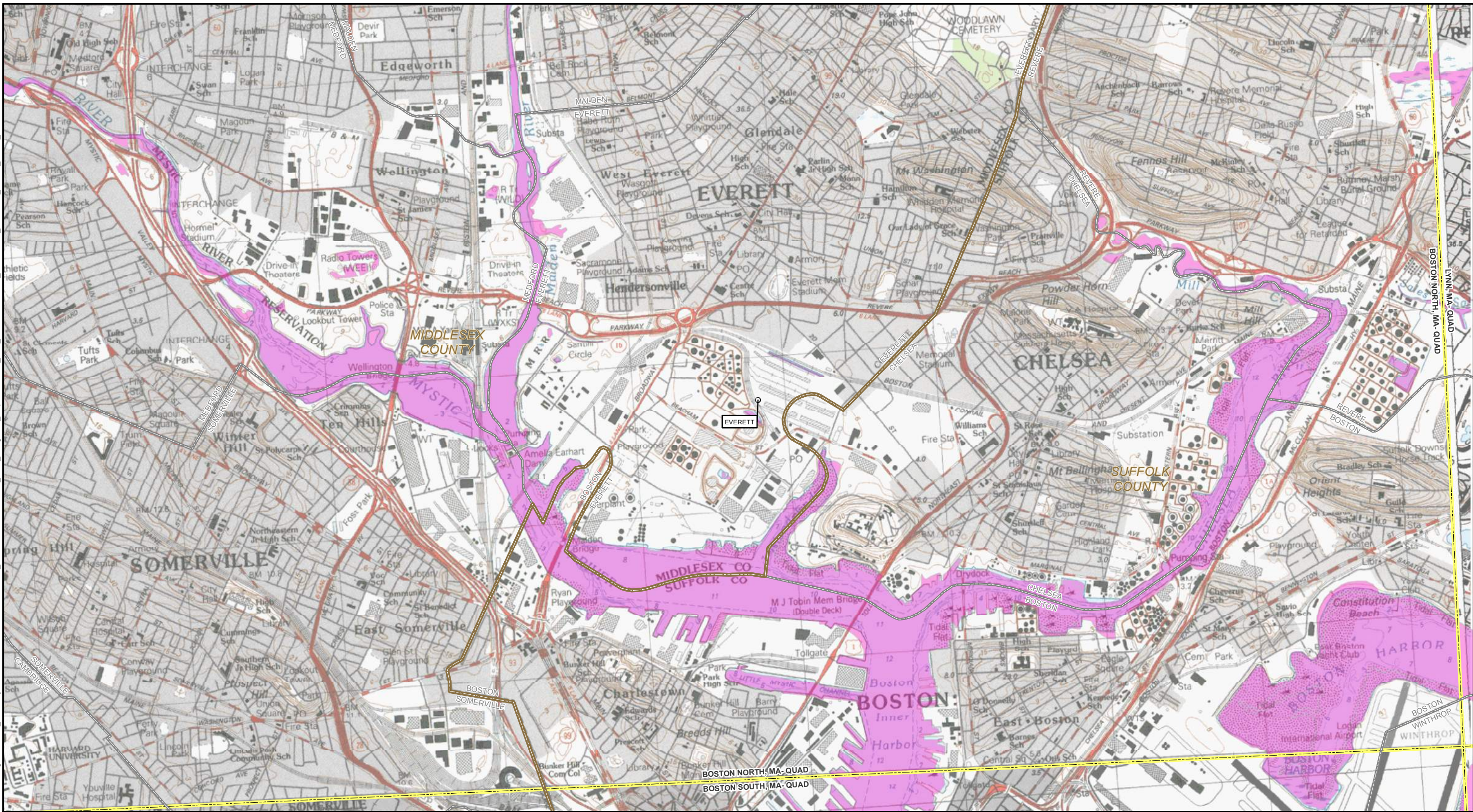


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Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ USGS QUADRANGLE BOUNDARY
- ▭ NW1 WETLAND

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NW1 QUAD MAPBOOK**  
**EVERETT**

MIDDLESEX COUNTY  
 MASSACHUSETTS



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 a Kinder Morgan company

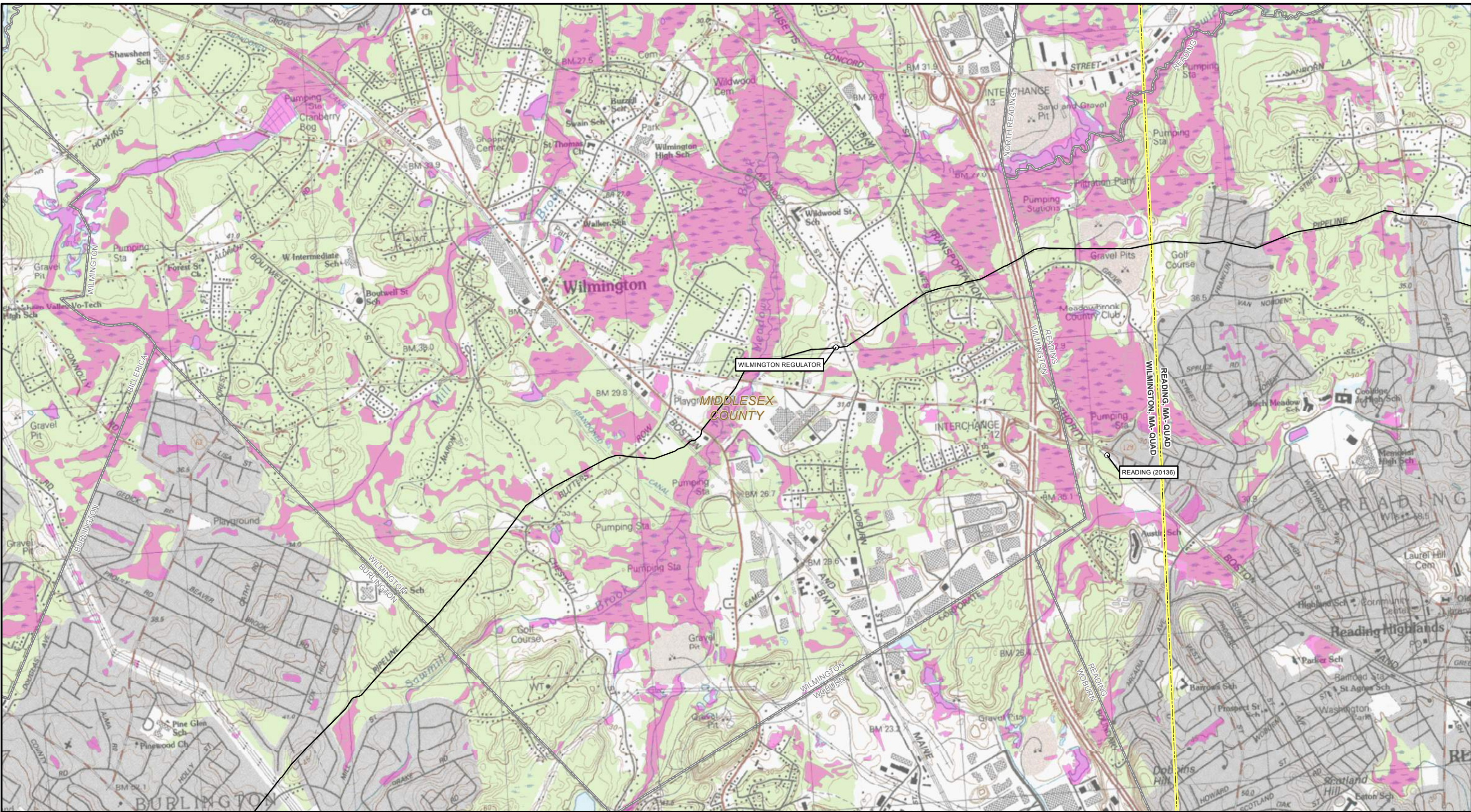
**Hatch Mott MacDonald**  
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 Holyoke, MA 01040  
 Ph: (413) 535-0135 Fax: (413) 535-0136

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- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ USGS QUADRANGLE BOUNDARY
- ▭ NWI WETLAND

MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S GEOLOGICAL SURVEY (USGS).

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NWI QUAD MAPBOOK**  
**WILMINGTON REGULATOR & READING (20136)**

MIDDLESEX COUNTY  
MASSACHUSETTS



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150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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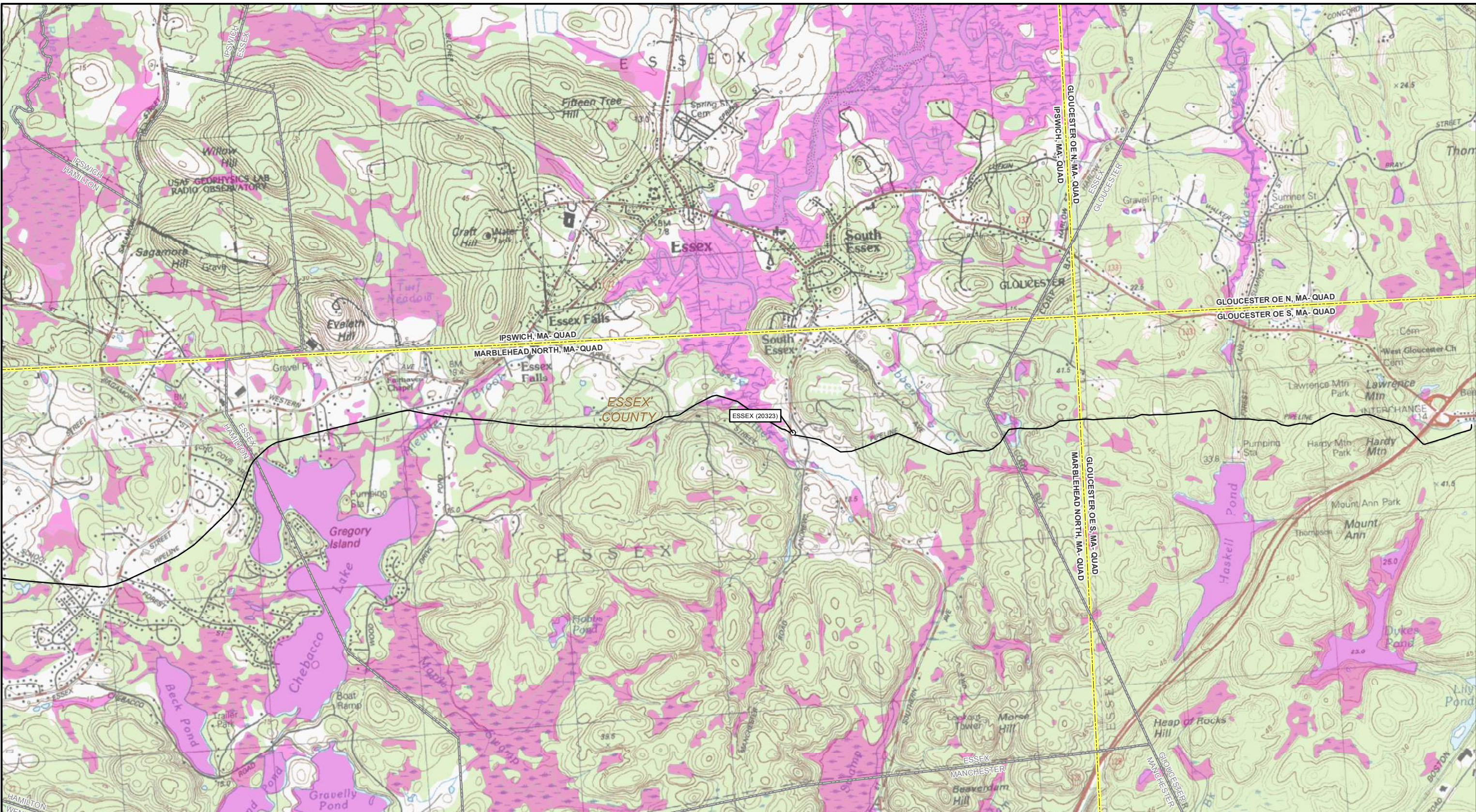
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	PROPOSED METER SITE
	EXISTING TGP PIPELINE
	MUNICIPAL BOUNDARY
	COUNTY BOUNDARY
	STATE BOUNDARY
	USGS QUADRANGLE BOUNDARY
	NWI WETLAND

**MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY (USGS).**

## TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT METER SITE NWI QUAD MAPBOOK ESSEX (20323)

ESSEX COUNTY  
MASSACHUSETTS

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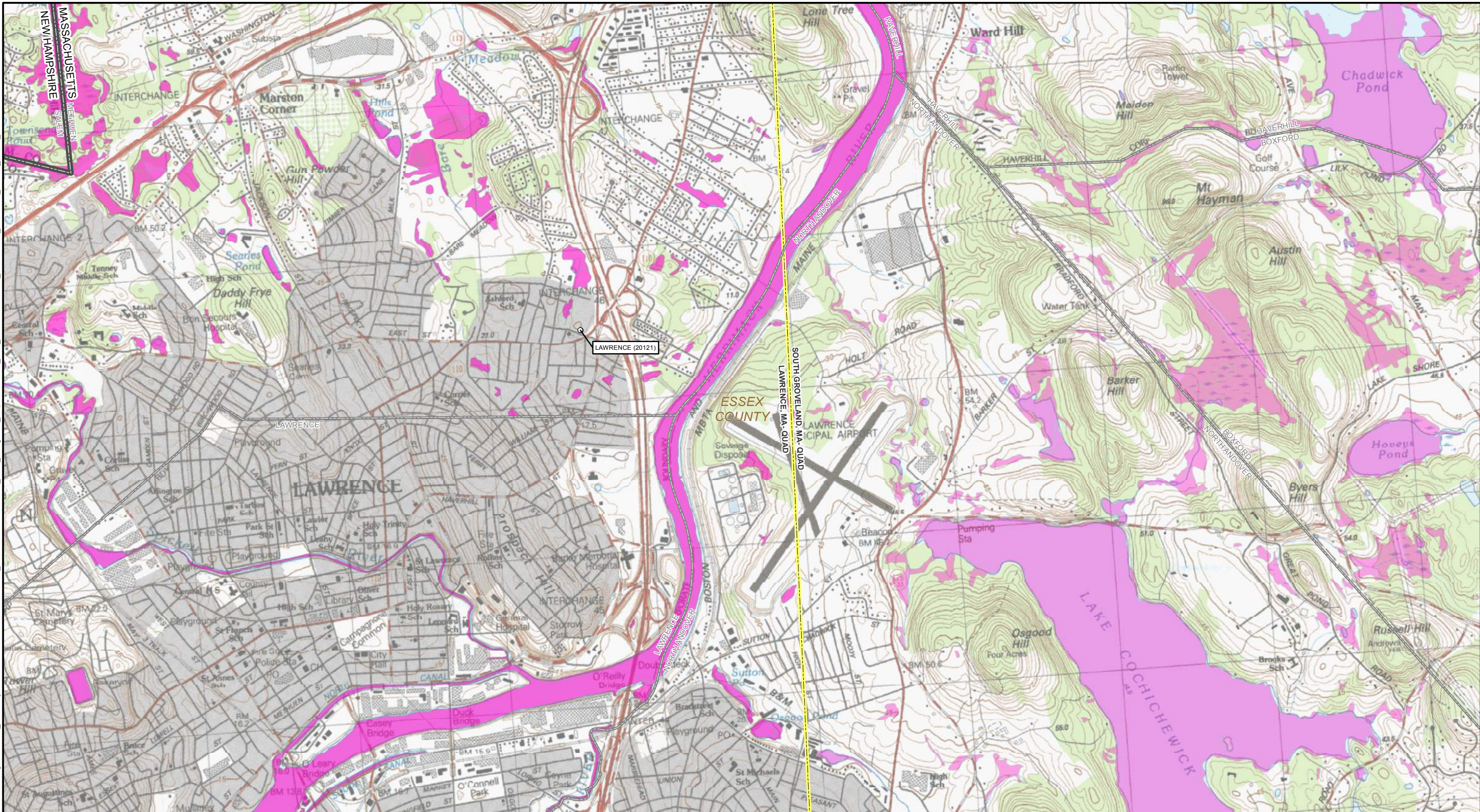
**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

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150 Lower Westfield Rd.  
Holyoke, MA 01040  
Ph: (413) 535-0135 Fax: (413) 535-0136

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LAWRENCE (20121)

LAWRENCE (20121)

- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ USGS QUADRANGLE BOUNDARY
- ▭ NWI WETLAND

**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NWI QUAD MAPBOOK**  
**LAWRENCE (20121)**

ESSEX COUNTY  
 MASSACHUSETTS



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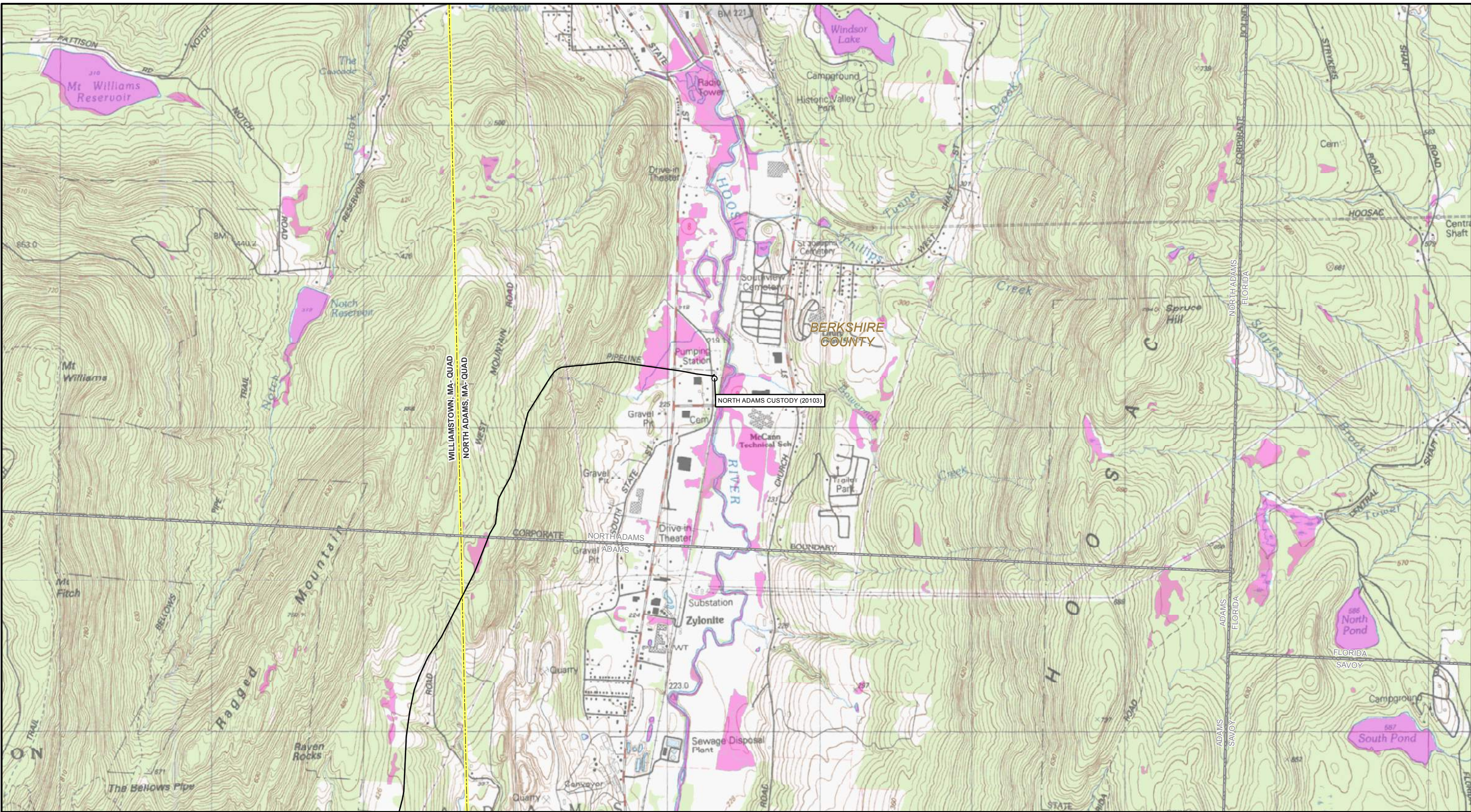
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**TENNESSEE GAS PIPELINE COMPANY, L.L.C.**  
**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NWI QUAD MAPBOOK**  
**NORTH ADAMS CUSTODY (20103)**

BERKSHIRE COUNTY  
 MASSACHUSETTS



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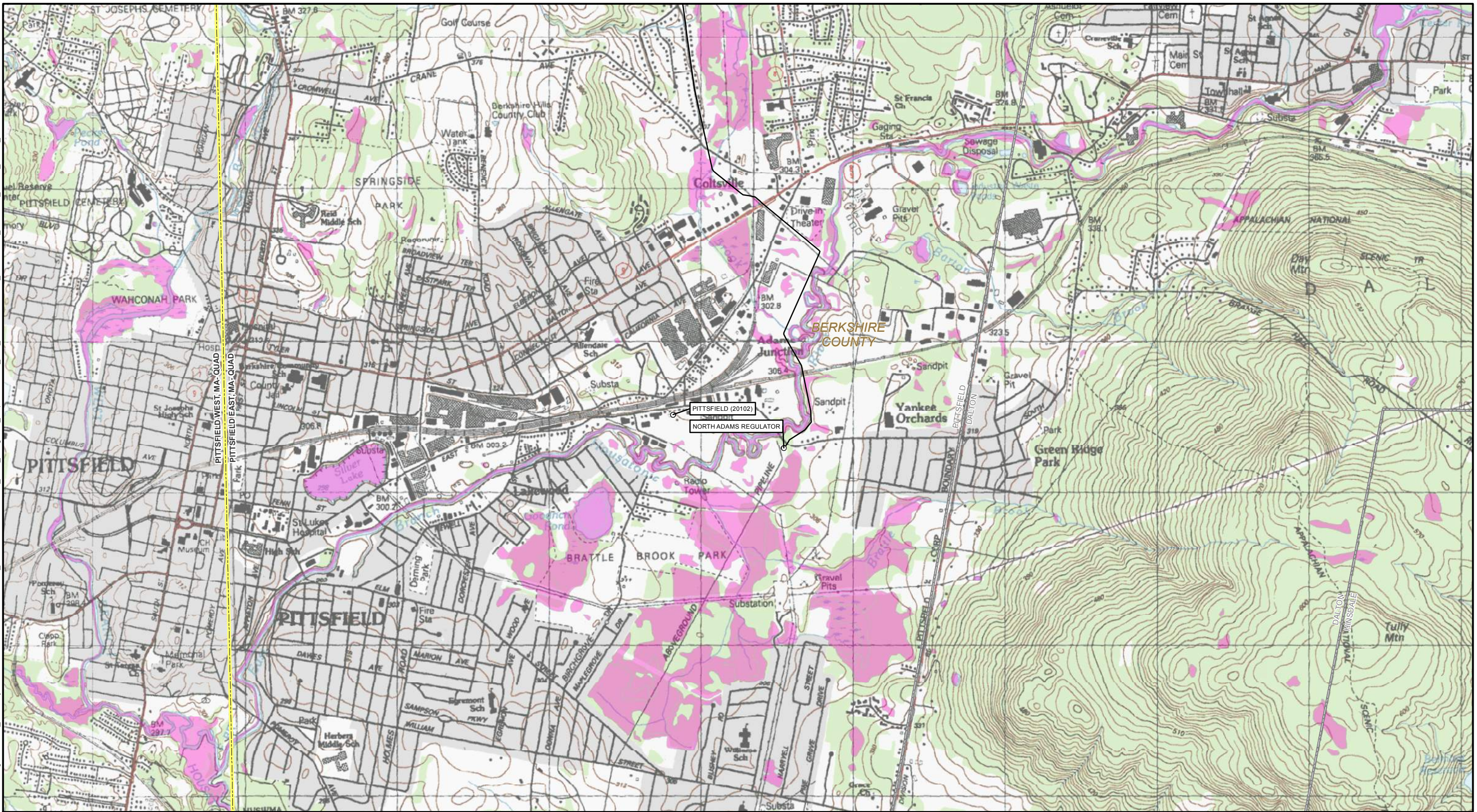
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**NORTHEAST ENERGY DIRECT PROJECT**  
**METER SITE NWI QUAD MAPBOOK**  
**PITTSFIELD (20102) & NORTH ADAMS REGULATOR**

BERKSHIRE COUNTY  
 MASSACHUSETTS



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PAGE:	14 OF 14