

DWG. NO.	DWG. TITLE
<u>SEGMENT F - WRIGHT TO DRACUT PIPELINE</u>	
PAGE 1	QUAD SHEET
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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
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PAGE 10	QUAD SHEET
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<u>SEGMENT G - WRIGHT TO DRACUT PIPELINE</u>	
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DWG. NO.	DWG. TITLE
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PAGE 52	WAREYARD QUAD SHEET
PAGE 53	WAREYARD QUAD SHEET
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<u>SEGMENT J - WRIGHT TO DRACUT PIPELINE</u>	
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PAGE 31	QUAD SHEET
PAGE 32	QUAD SHEET
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<u>SEGMENT K - WRIGHT TO DRACUT PIPELINE</u>	
PAGE 36	QUAD SHEET

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

MARKET PATH COMPONENT

COVER SHEET



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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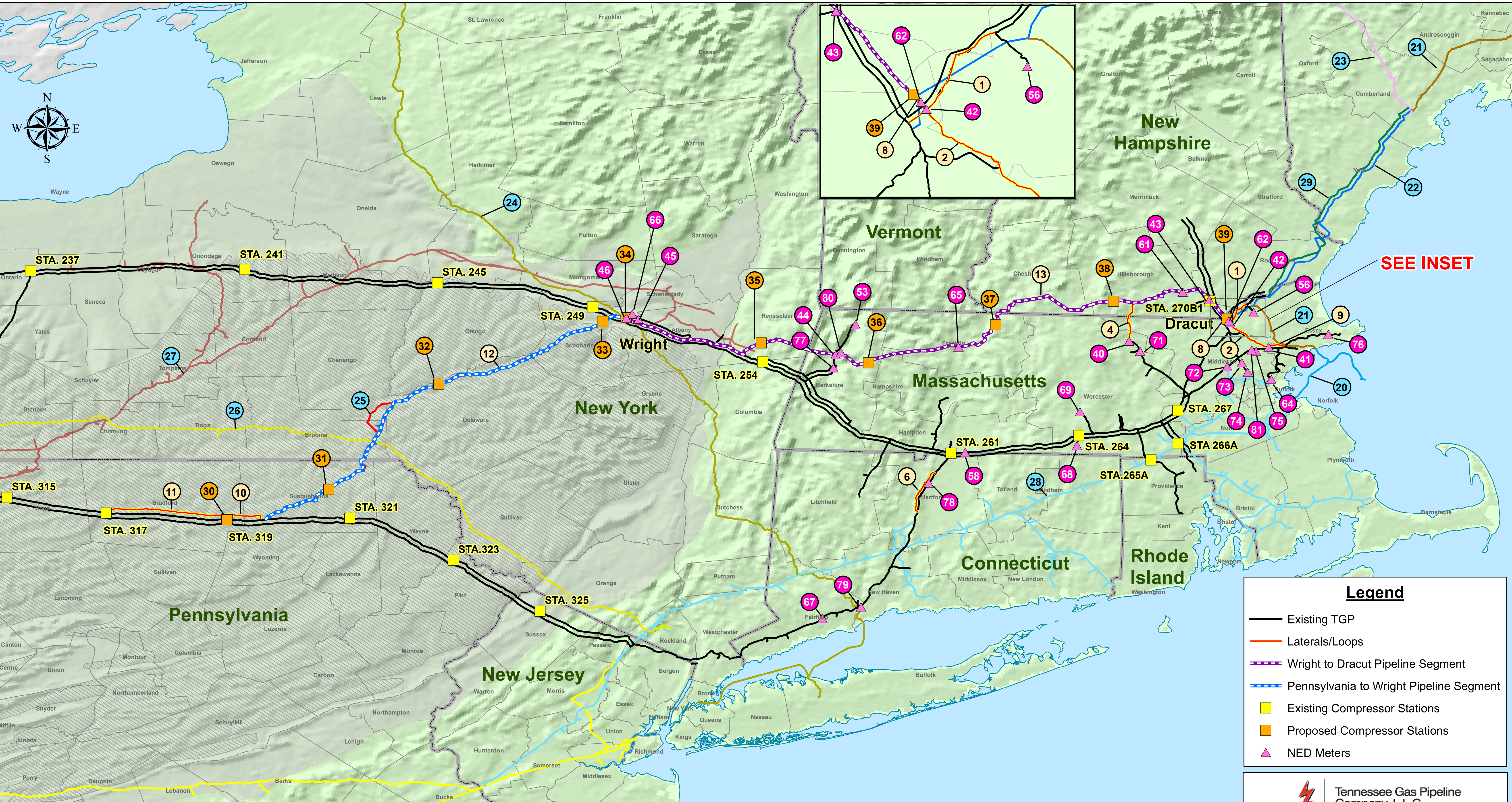
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SEE INSET

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
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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

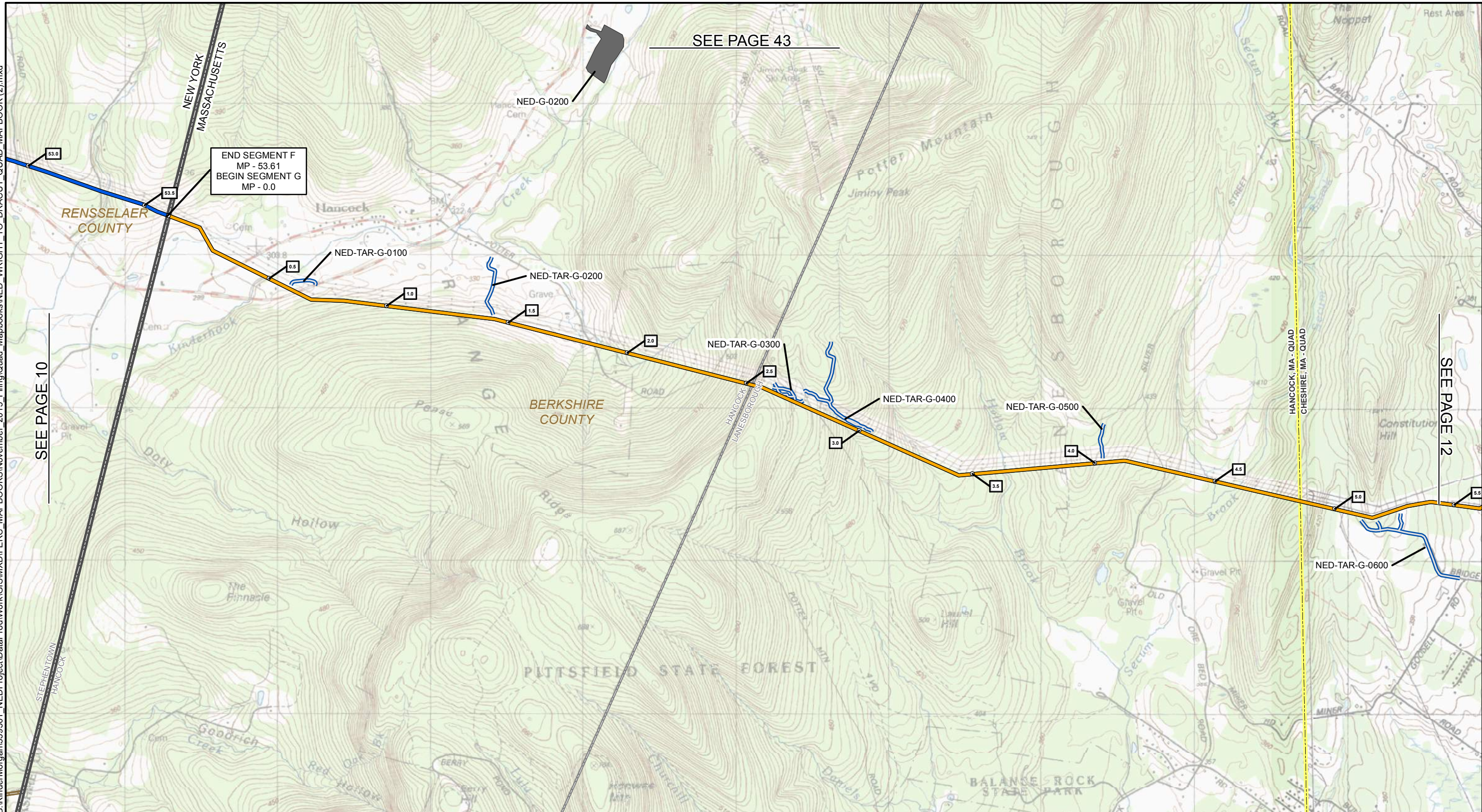
*MAOP/MOP between Supply Path Tail Station & Market Path Head Station is 1600
*MOP upstream of Supply Path Head Station is 1170

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

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SEE PAGE 43

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TENNESSEE GAS PIPELINE COMPANY, L.L.C.

NORTHEAST ENERGY DIRECT PROJECT

WRIGHT TO DRACUT QUAD MAPBOOK

SEGMENT F, G

BERKSHIRE COUNTY
MASSACHUSETTS



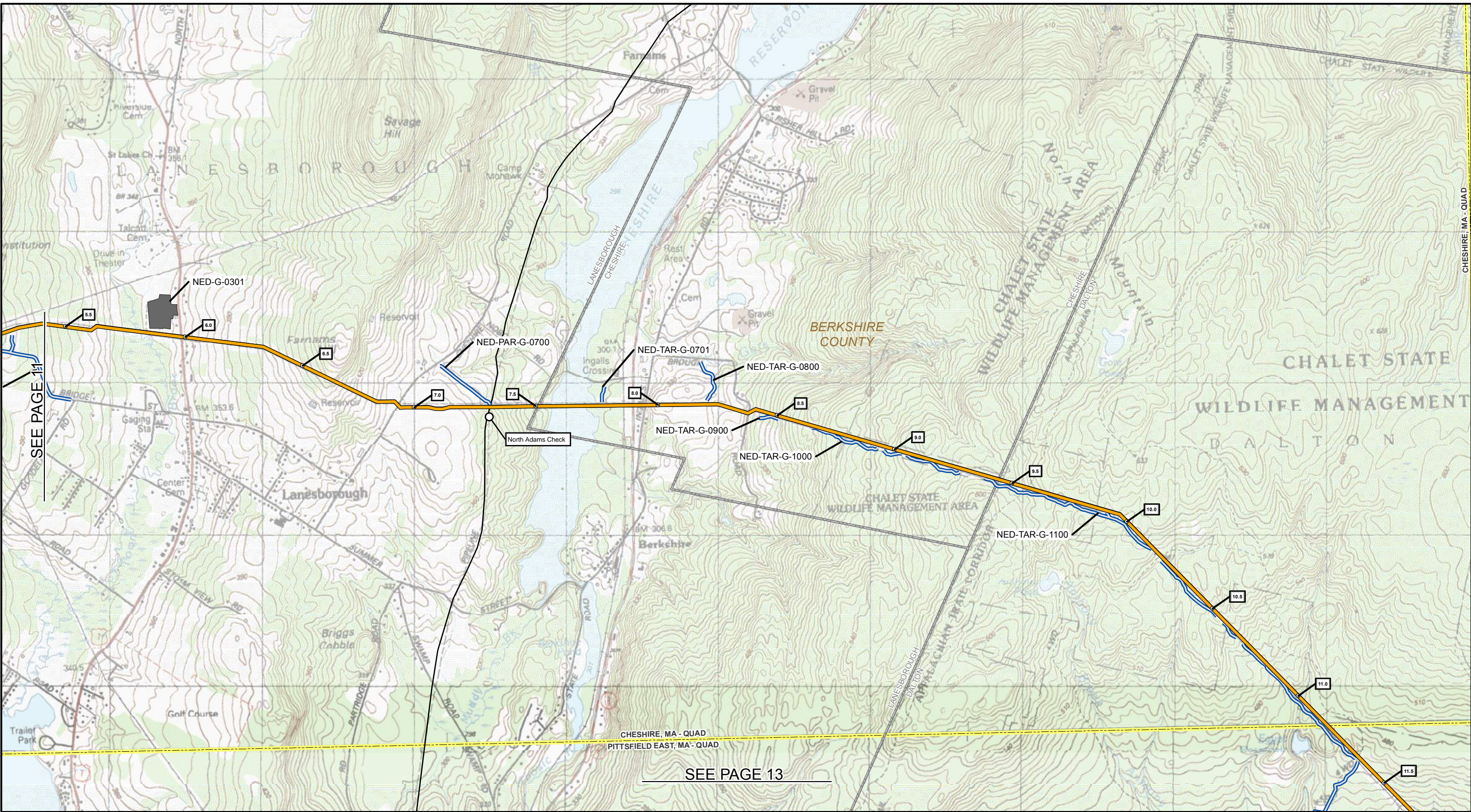
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WRIGHT TO DRACUT QUAD MAPBOOK

SEGMENT G

BERKSHIRE COUNTY
MASSACHUSETTS

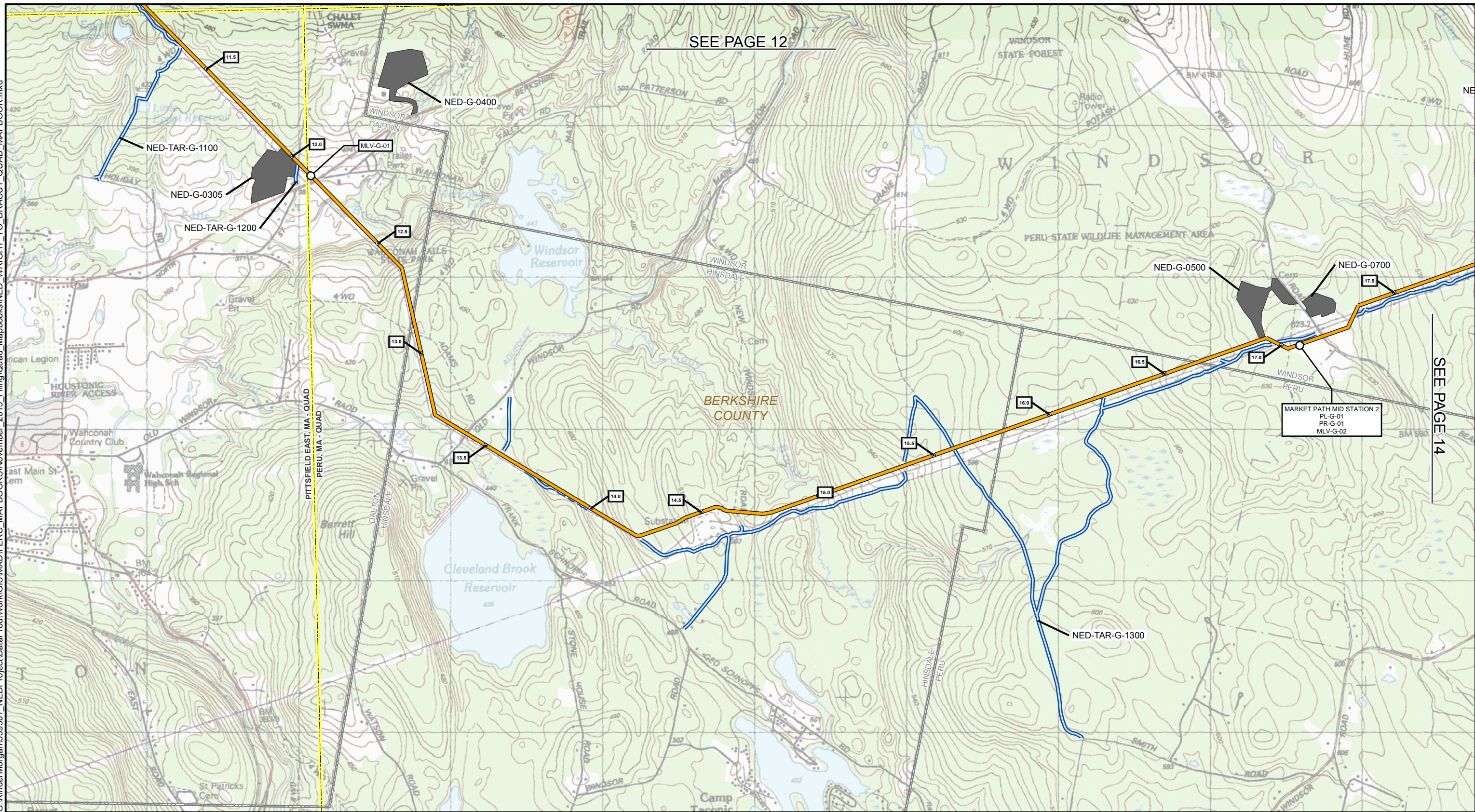
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SEGMENT G
 BERKSHIRE COUNTY
 MASSACHUSETTS

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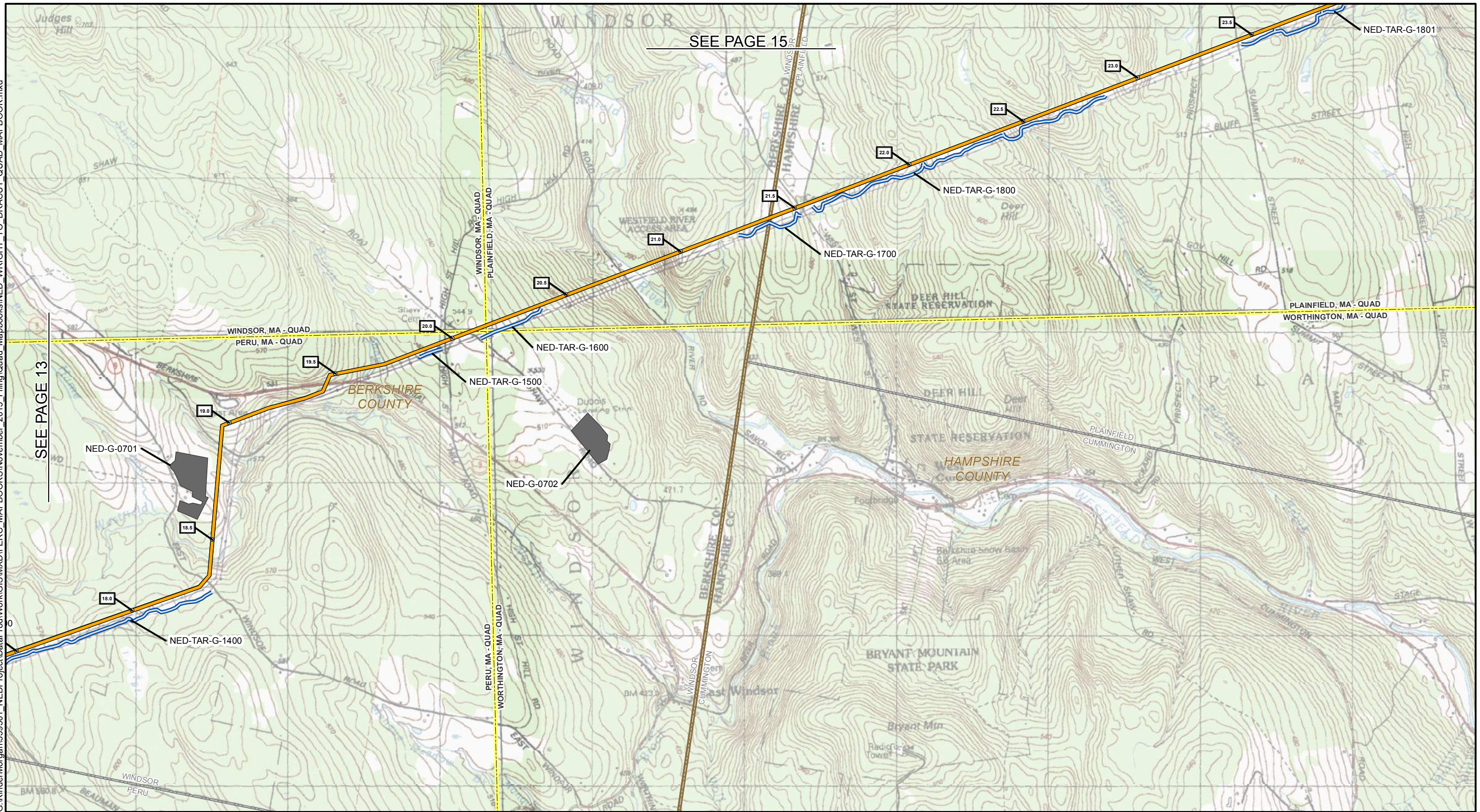
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TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT WRIGHT TO DRACUT QUAD MAPBOOK SEGMENT G

BERKSHIRE & HAMPSHIRE COUNTIES
MASSACHUSETTS

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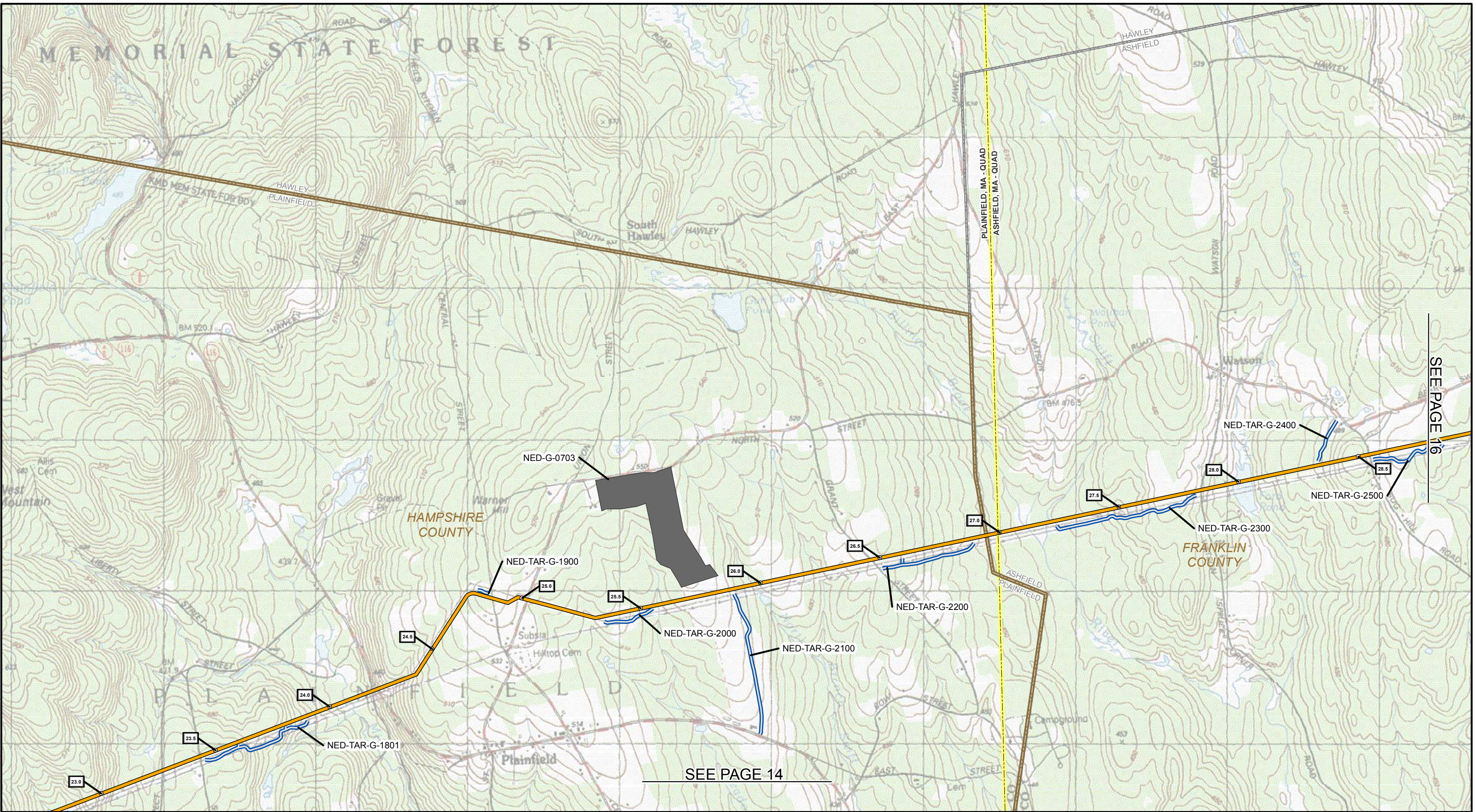
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NORTHEAST ENERGY DIRECT PROJECT

WRIGHT TO DRACUT QUAD MAPBOOK

SEGMENT G

HAMPSHIRE & FRANKLIN COUNTIES
MASSACHUSETTS

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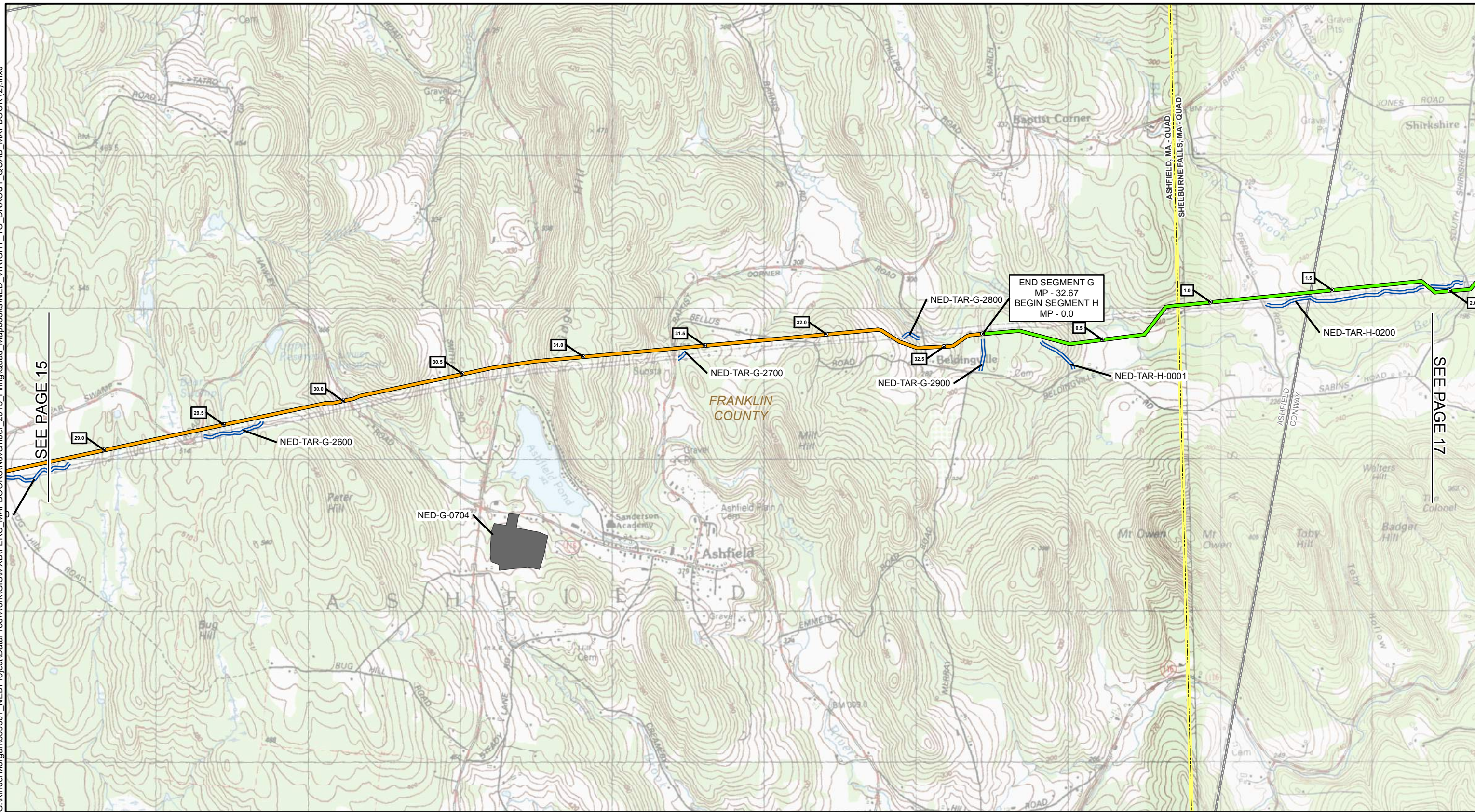
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SEGMENT G, H
 FRANKLIN COUNTY
 MASSACHUSETTS

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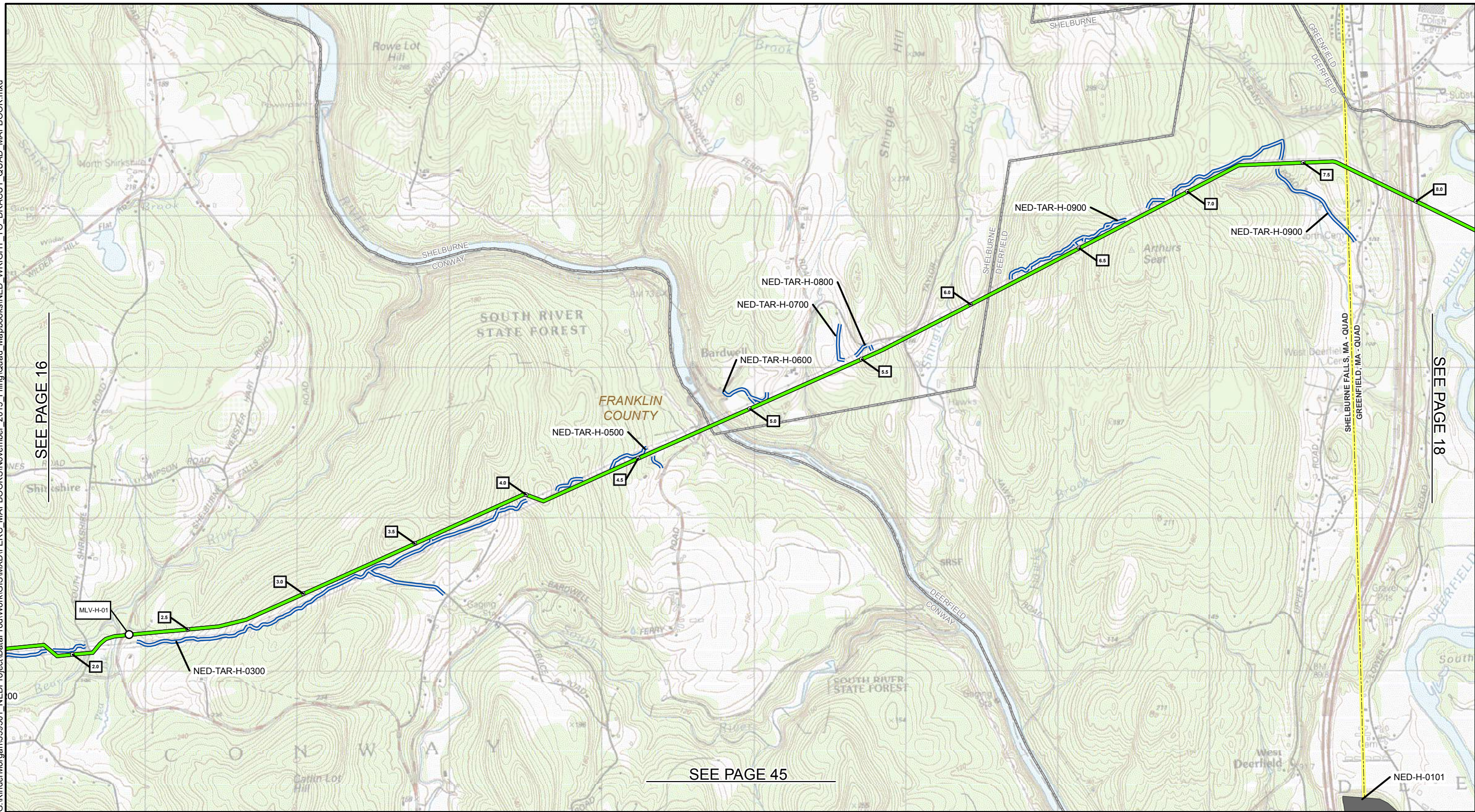
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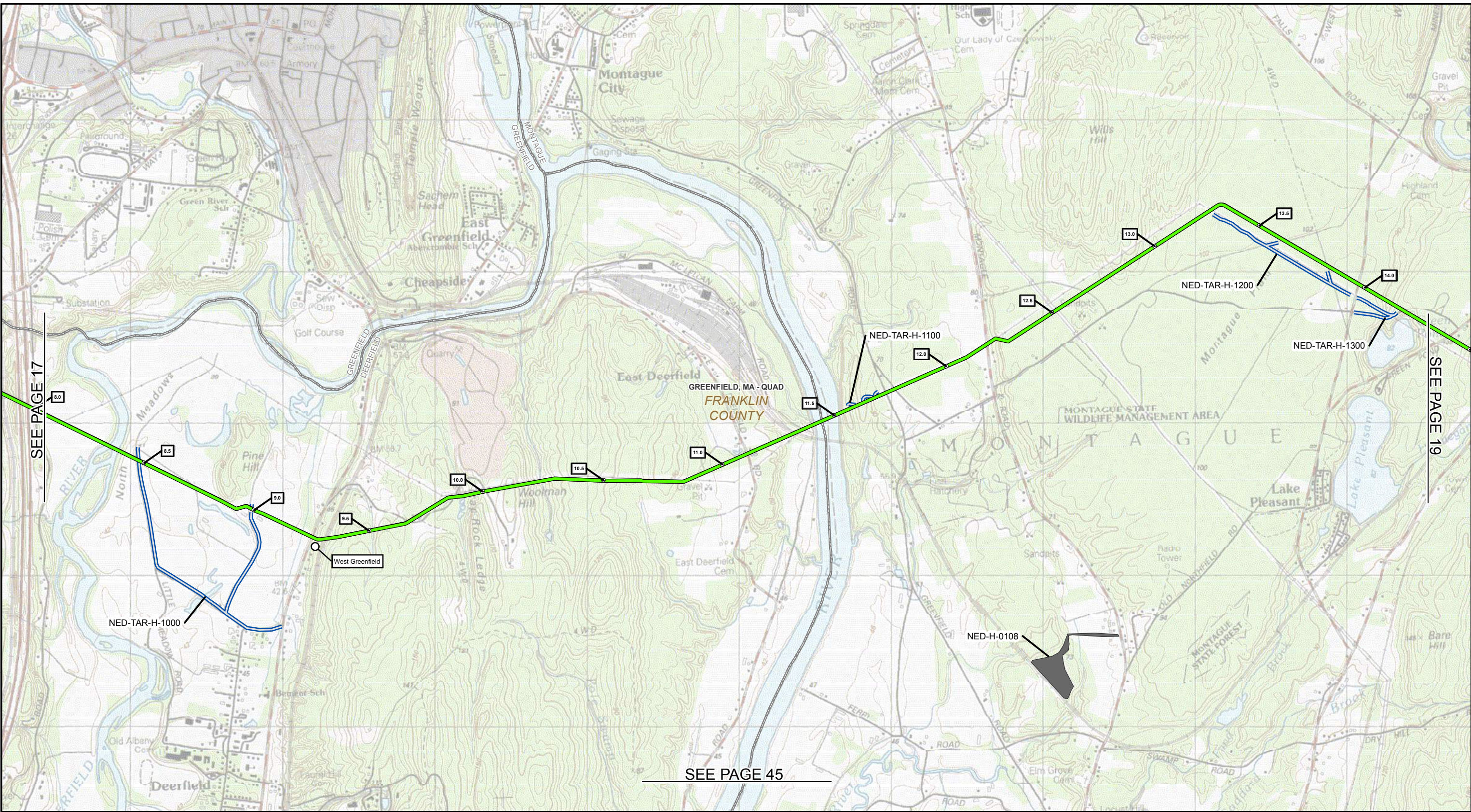
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MASSACHUSETTS

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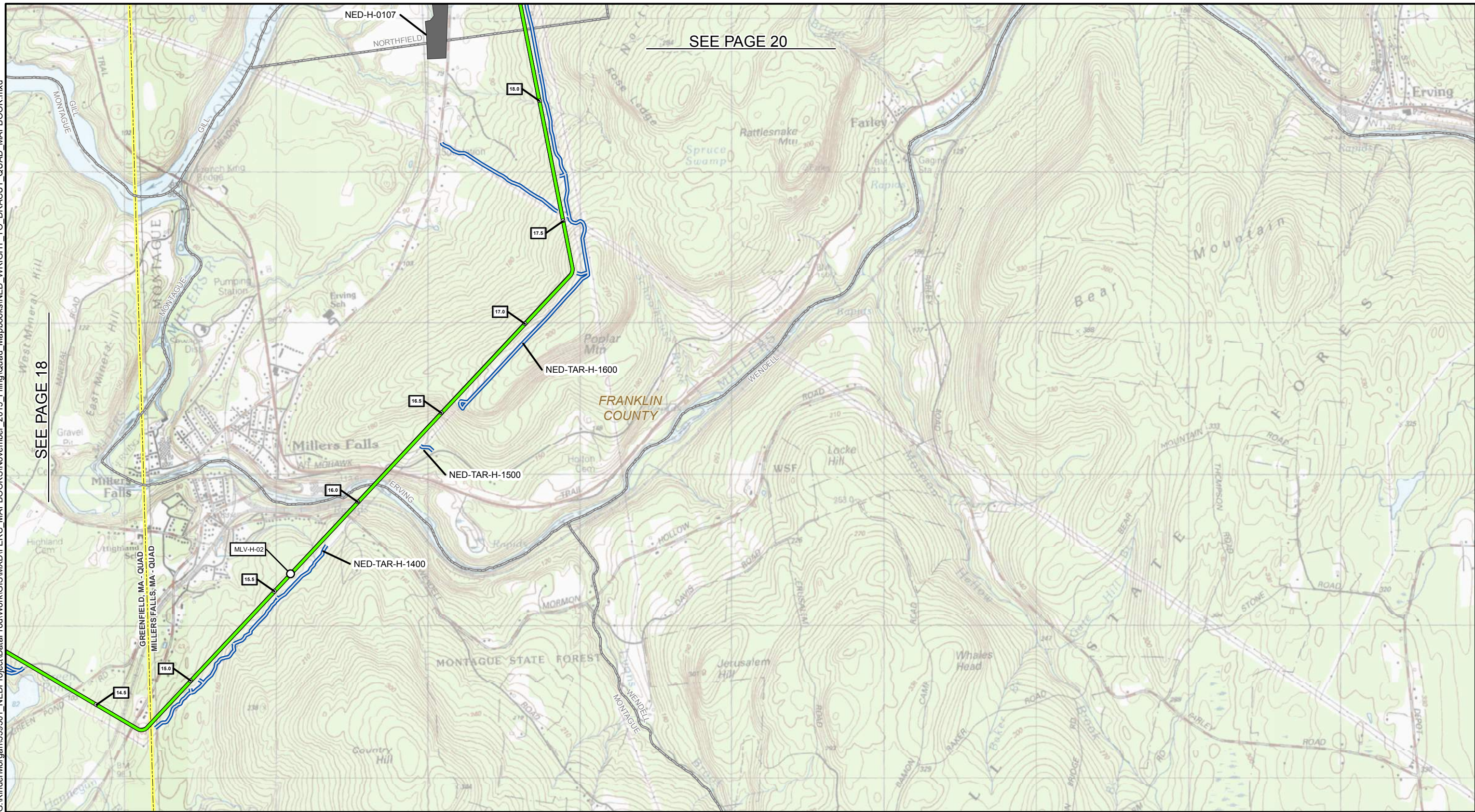
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**Temporary Access Roads are depicted to the edge of the temporary workspace which is not shown. When an access road meets up with a public right of way, it begins at the public road's easement.*

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 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

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

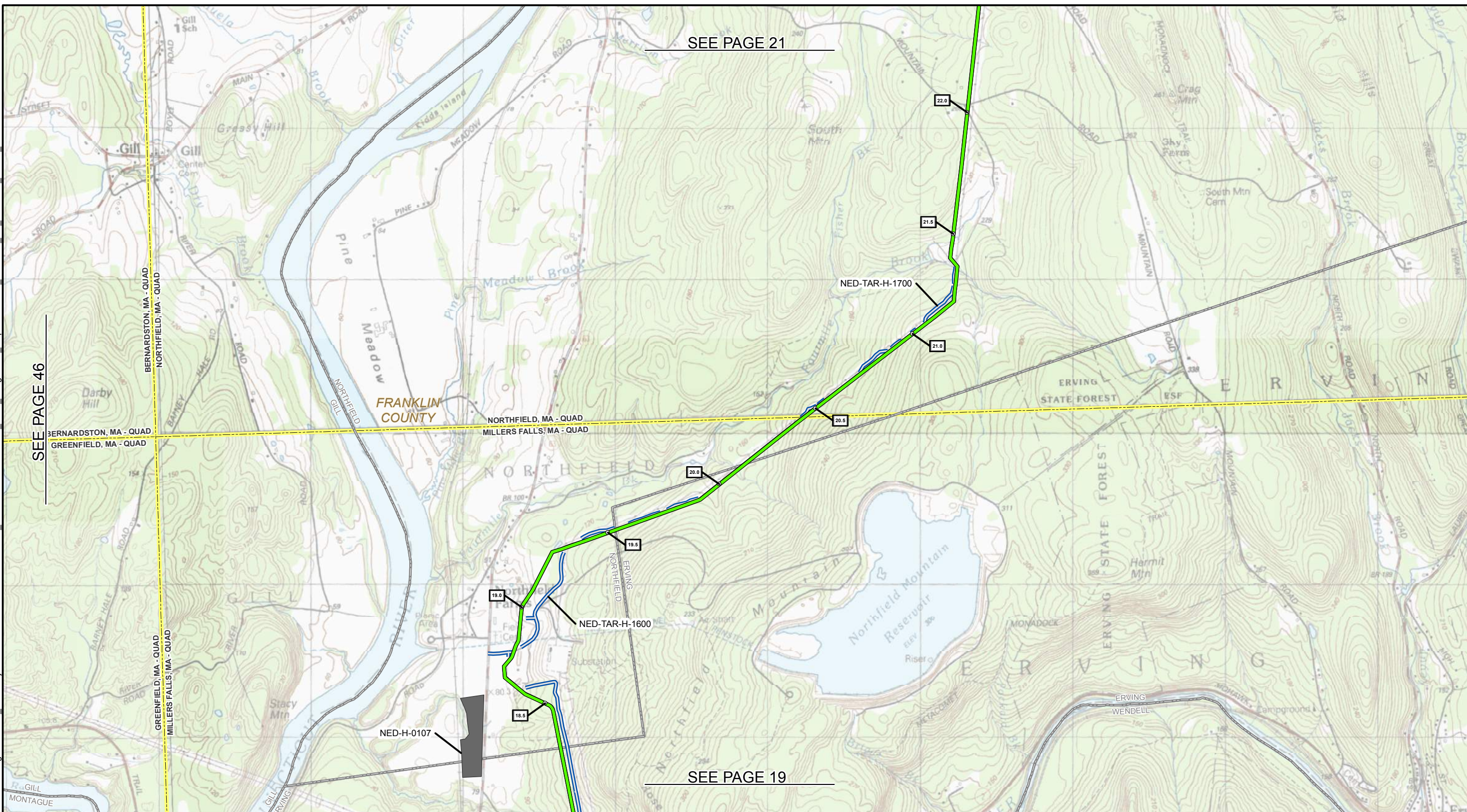
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PAGE:	19 OF 56

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SEE PAGE 46

SEE PAGE 21

SEE PAGE 19



1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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	MUNICIPAL BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT G CENTERLINE	CONSTITUTION PIPELINE CENTERLINE	COUNTY BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT H CENTERLINE	EXISTING TGP PIPELINE	STATE BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT I CENTERLINE		USGS QUADRANGLE BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT J CENTERLINE		
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TENNESSEE GAS PIPELINE COMPANY, L.L.C.
NORTHEAST ENERGY DIRECT PROJECT
WRIGHT TO DRACUT QUAD MAPBOOK
SEGMENT H
 FRANKLIN COUNTY
 MASSACHUSETTS

ABSOLUTE SCALE:
1:24,000

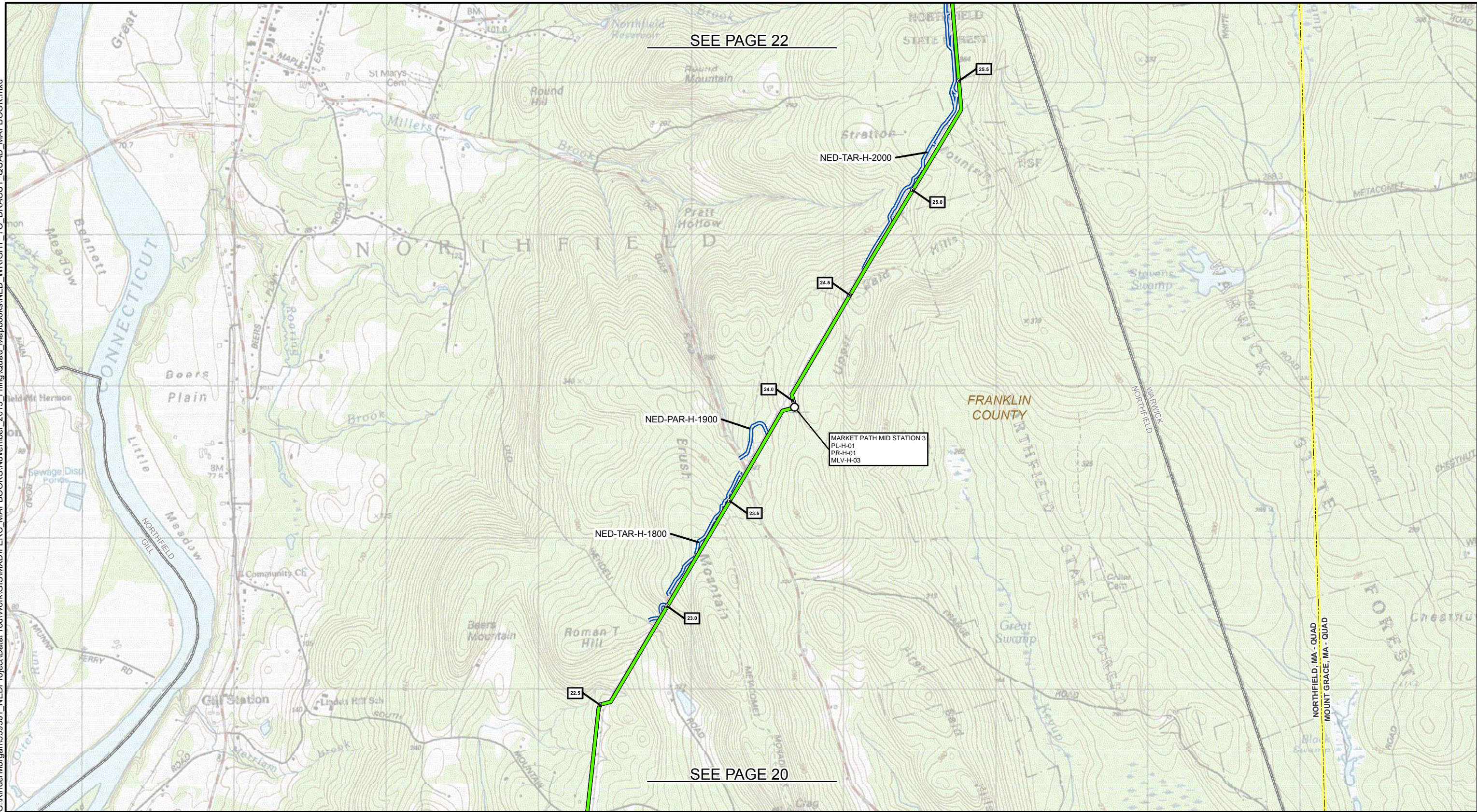
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SEE PAGE 22

SEE PAGE 20

1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT H CENTERLINE	EXISTING TGP PIPELINE	STATE 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 WRIGHT TO DRACUT QUAD MAPBOOK SEGMENT H

FRANKLIN COUNTY
MASSACHUSETTS



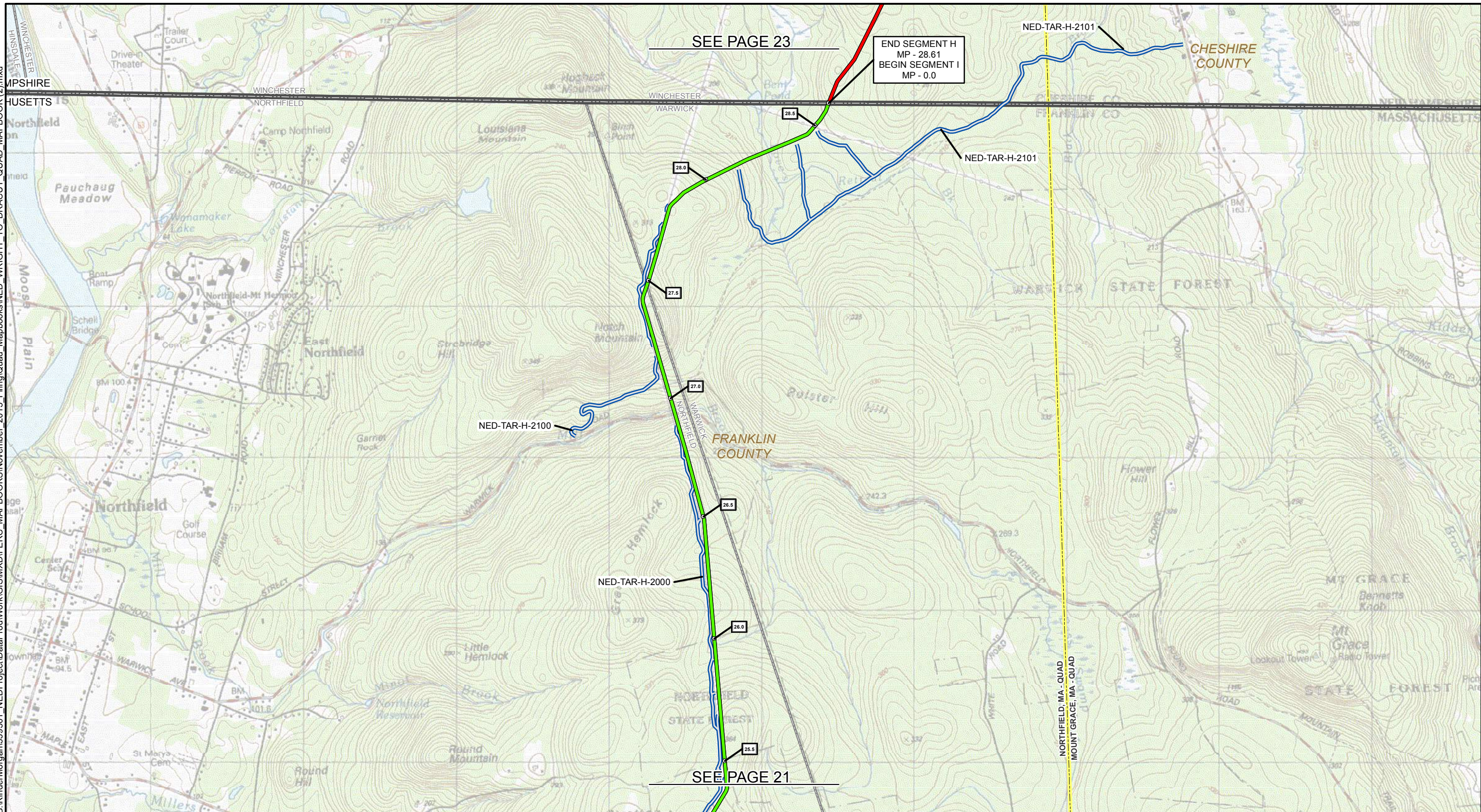
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1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT WRIGHT TO DRACUT - SEGMENT F CENTERLINE	PROPOSED ACCESS ROAD* NED: Proposed Access Road CON: Proposed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

FRANKLIN COUNTY
MASSACHUSETTS

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

N
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ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FEET

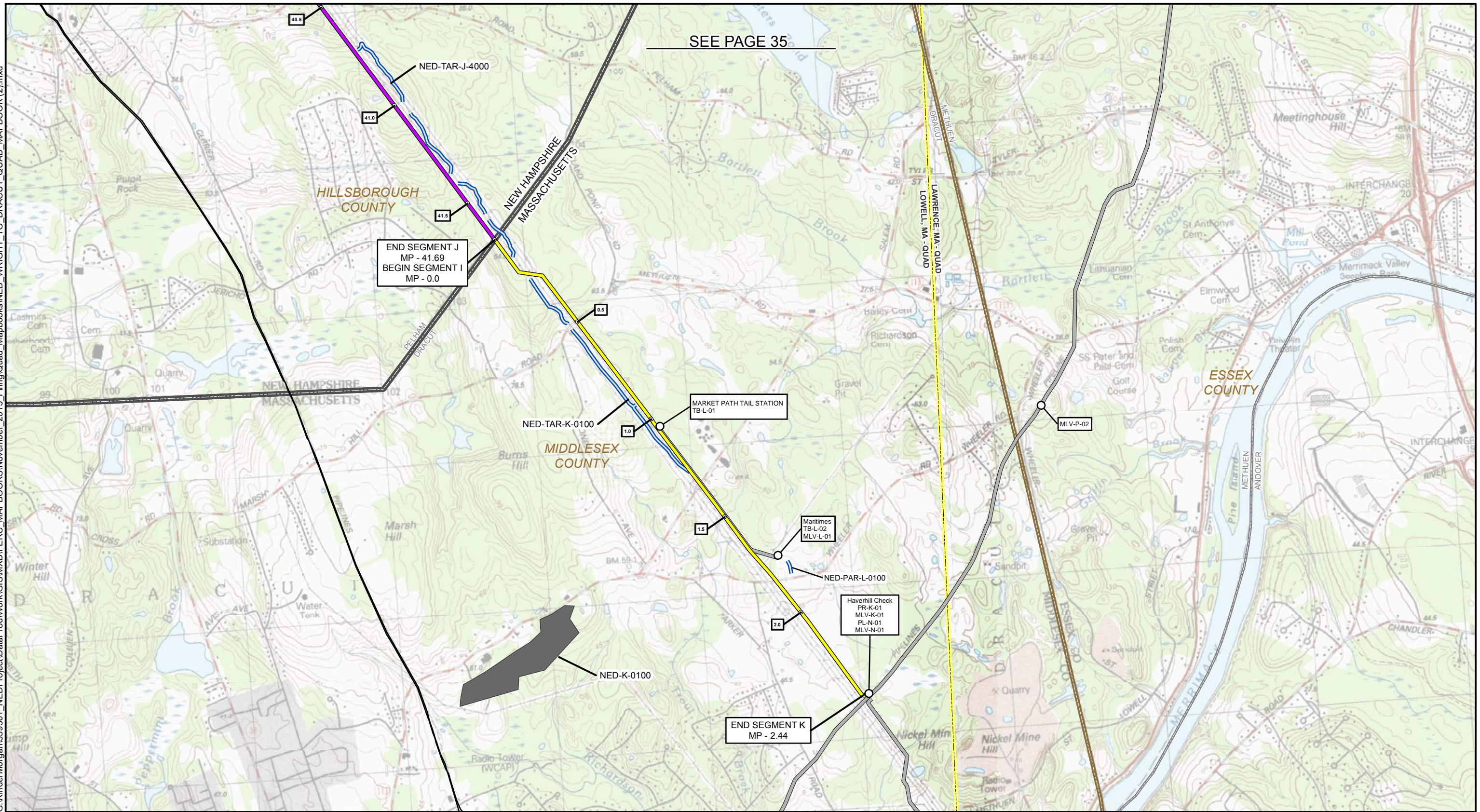


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SEE PAGE 35

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TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT WRIGHT TO DRACUT QUAD MAPBOOK SEGMENT J, K

MIDDLESEX COUNTY, MASSACHUSETTS AND HILLSBOROUGH COUNTY
NEW HAMPSHIRE



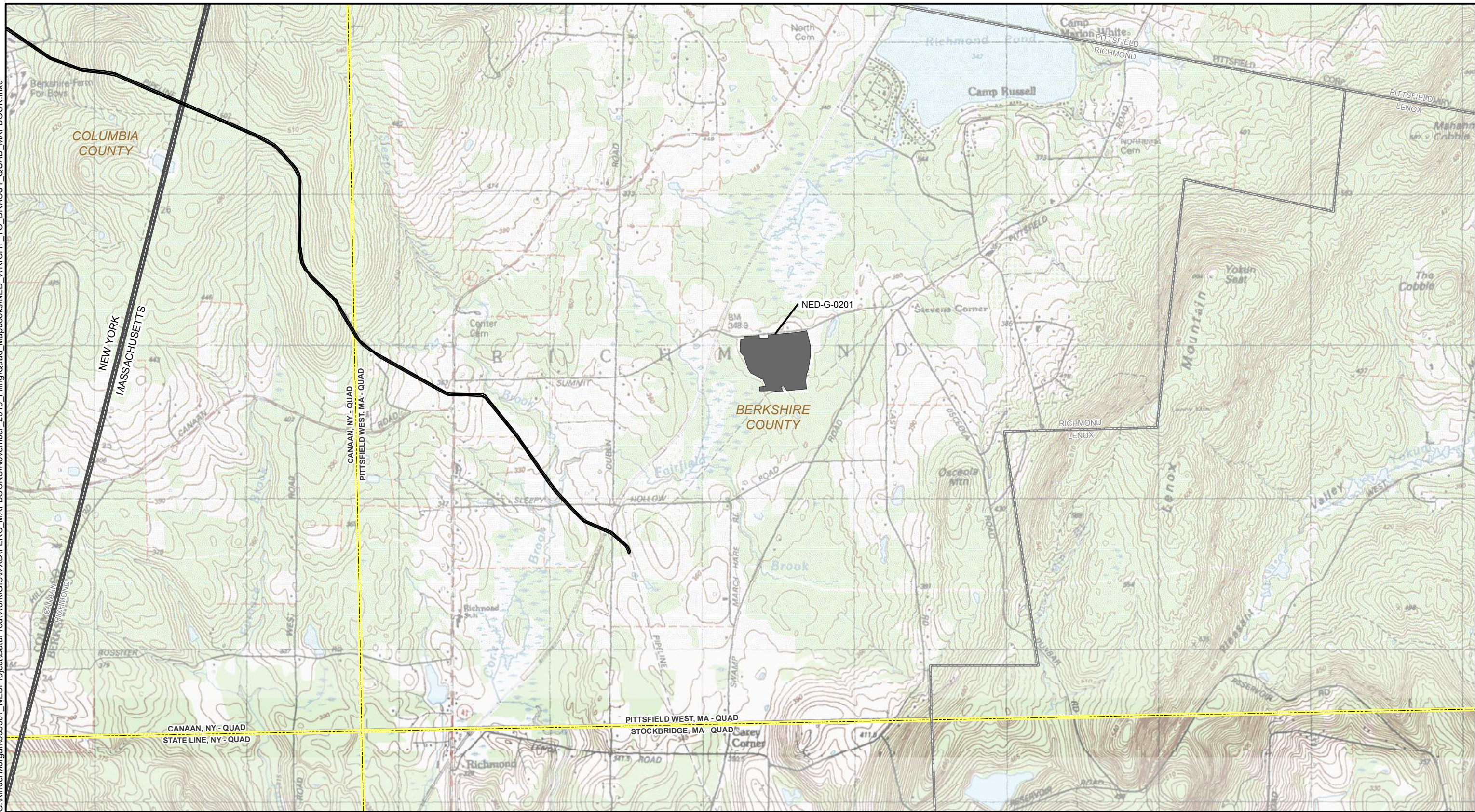
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REFERENCE SCALE:
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a Kinder Morgan company

Hatch Mott MacDonald
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Ph: (413) 535-0135 Fax: (413) 535-0136

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1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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	MUNICIPAL BOUNDARY
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TENNESSEE GAS PIPELINE COMPANY, L.L.C.

NORTHEAST ENERGY DIRECT PROJECT

WRIGHT TO DRACUT QUAD MAPBOOK

SEGMENT G

BERKSHIRE COUNTY
MASSACHUSETTS

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

ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FEET

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

BERKSHIRE 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

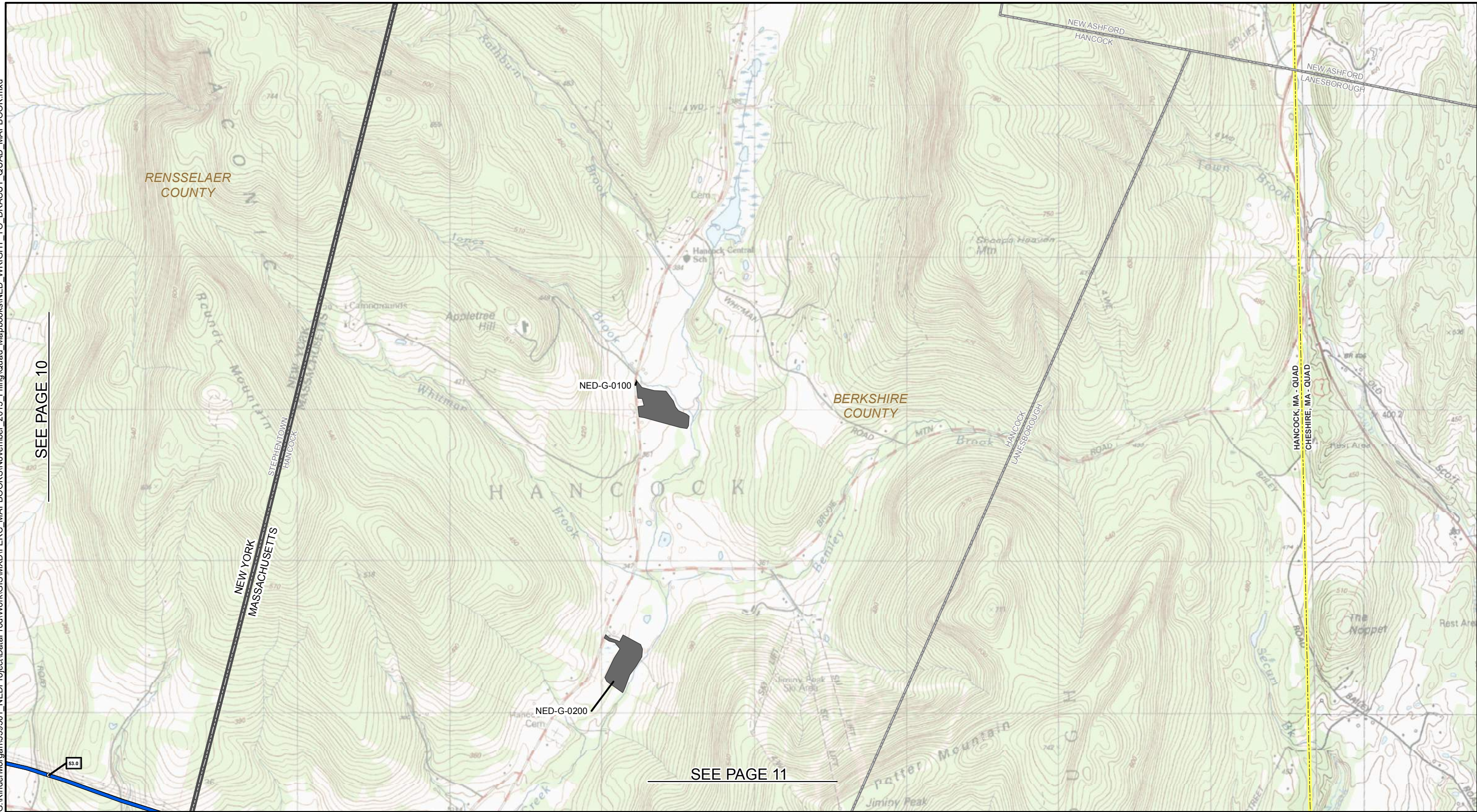
Hatch Mott MacDonald

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

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PAGE:	42 OF 56

SEE PAGE 10

SEE PAGE 11



1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	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 QUAD MAPBOOK

SEGMENT H

BERKSHIRE COUNTY
MASSACHUSETTS

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

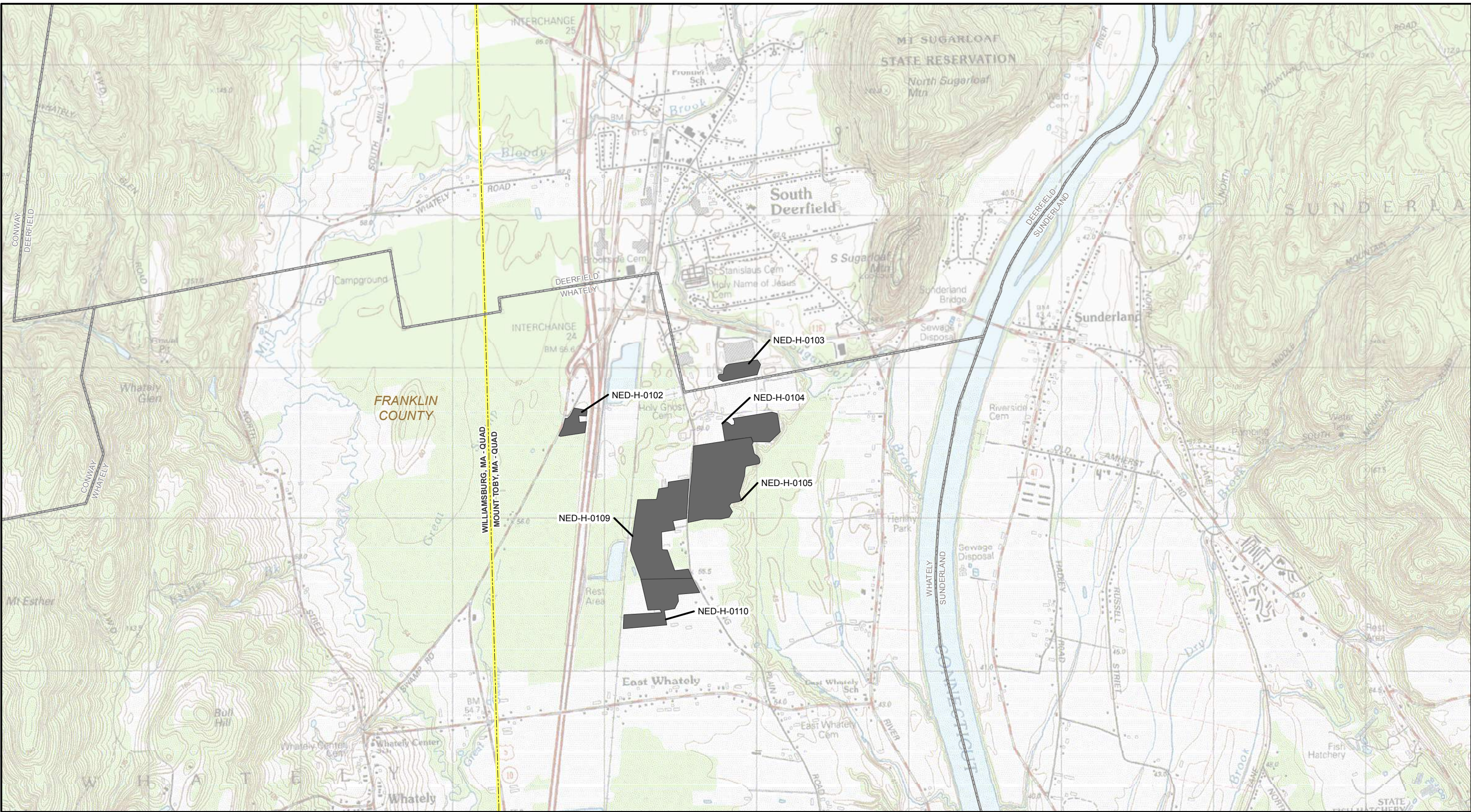
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1 MILE POST	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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TENNESSEE GAS PIPELINE COMPANY, L.L.C.

NORTHEAST ENERGY DIRECT PROJECT

WRIGHT TO DRACUT QUAD MAPBOOK

SEGMENT H

FRANKLIN COUNTY
MASSACHUSETTS

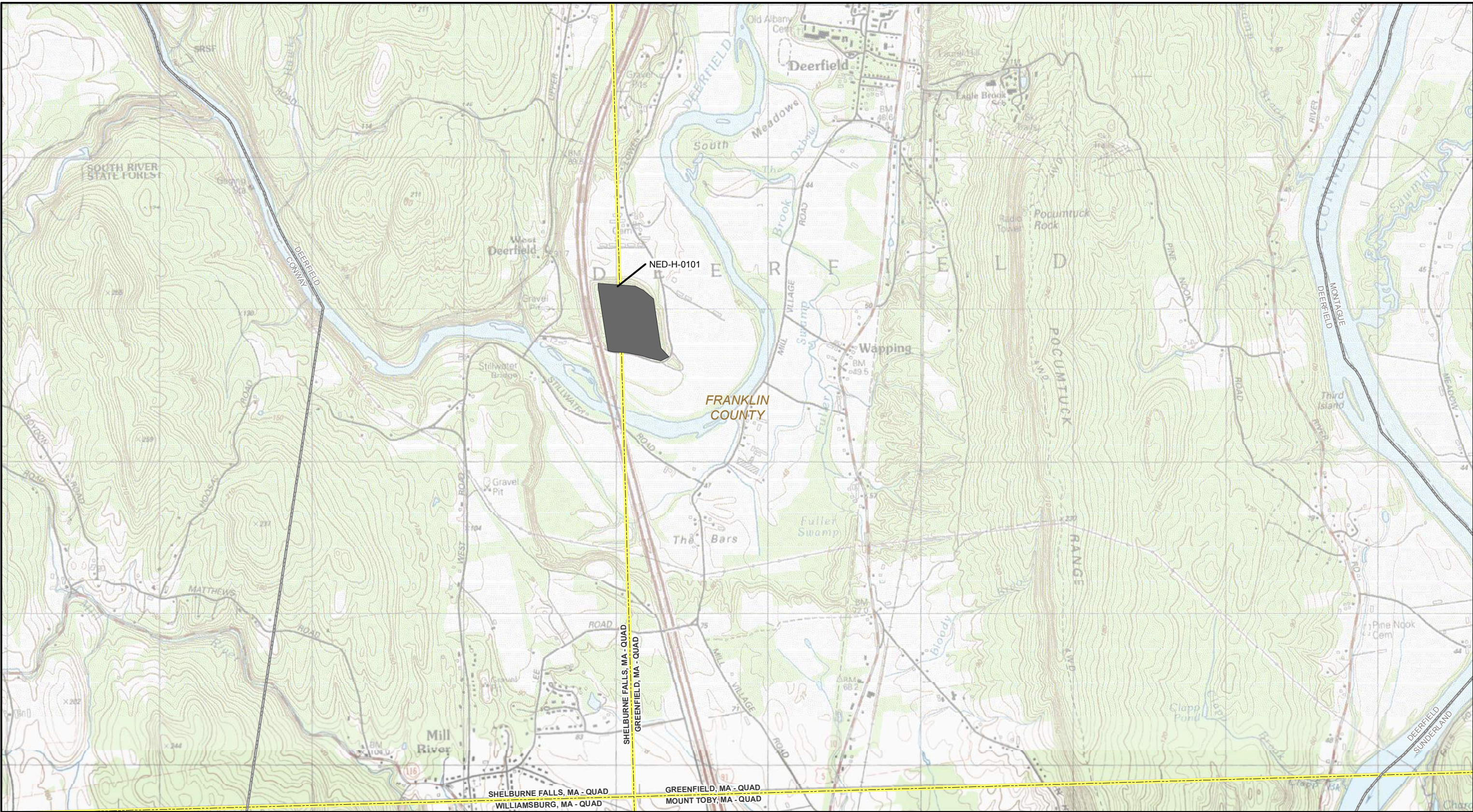
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TENNESSEE GAS PIPELINE COMPANY, L.L.C.

NORTHEAST ENERGY DIRECT PROJECT

WRIGHT TO DRACUT QUAD MAPBOOK

SEGMENT H

FRANKLIN COUNTY
MASSACHUSETTS

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

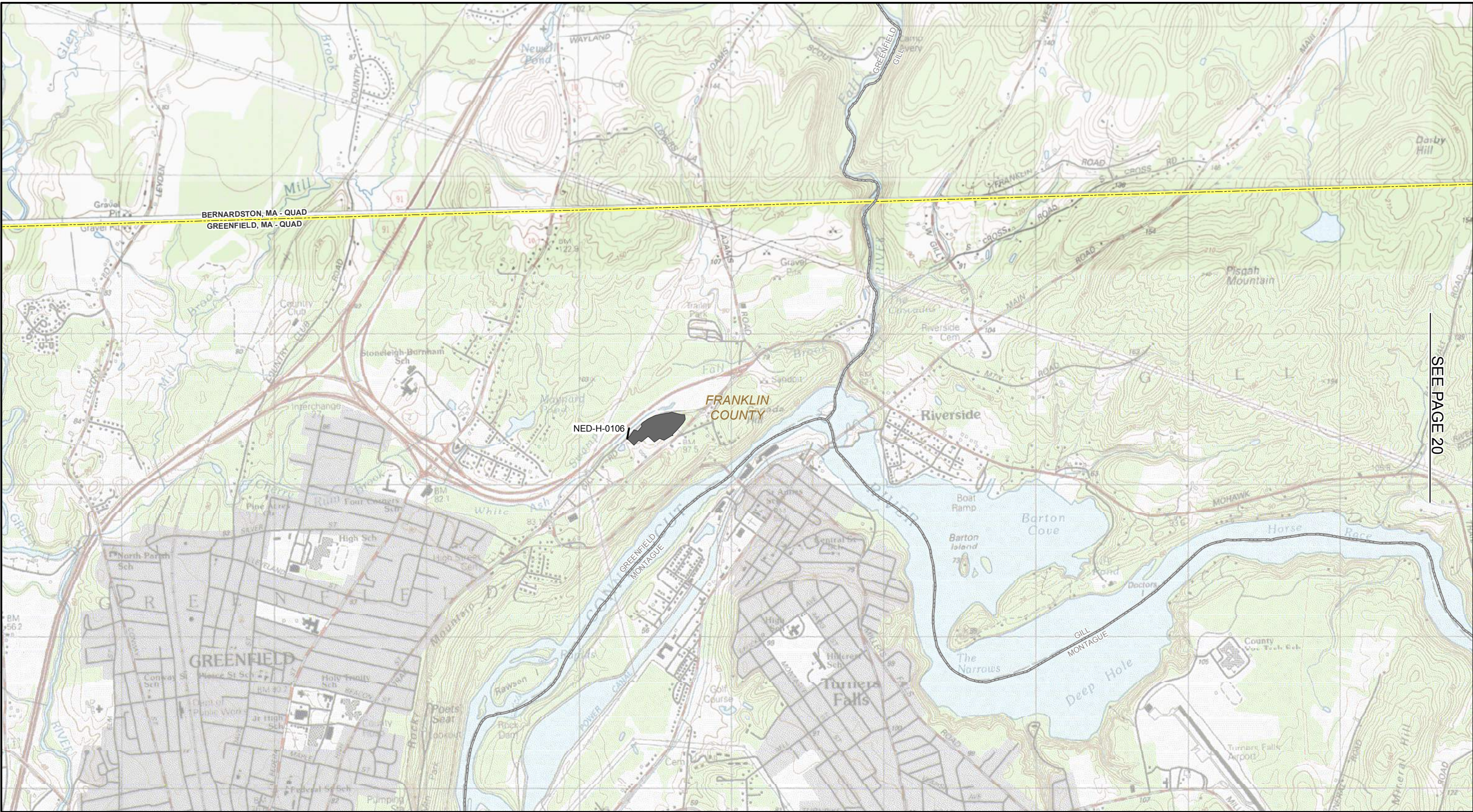
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SEE PAGE 20

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TENNESSEE GAS PIPELINE COMPANY, L.L.C.

NORTHEAST ENERGY DIRECT PROJECT

WRIGHT TO DRACUT QUAD MAPBOOK

SEGMENT H

FRANKLIN COUNTY
MASSACHUSETTS

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

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ABSOLUTE SCALE:
1:24,000

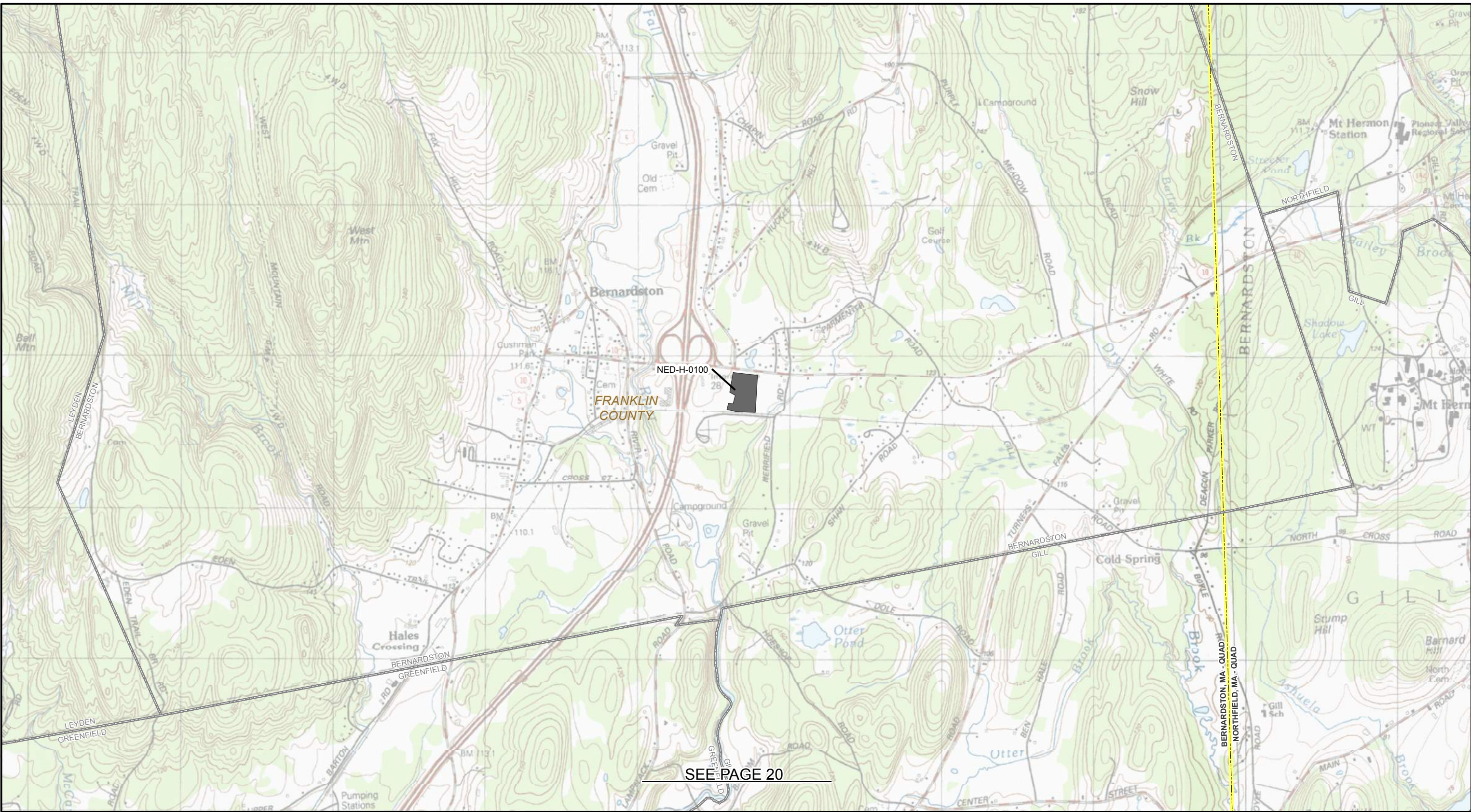
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TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT WRIGHT TO DRACUT QUAD MAPBOOK SEGMENT H

FRANKLIN COUNTY
MASSACHUSETTS

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

ABSOLUTE SCALE:
1:24,000

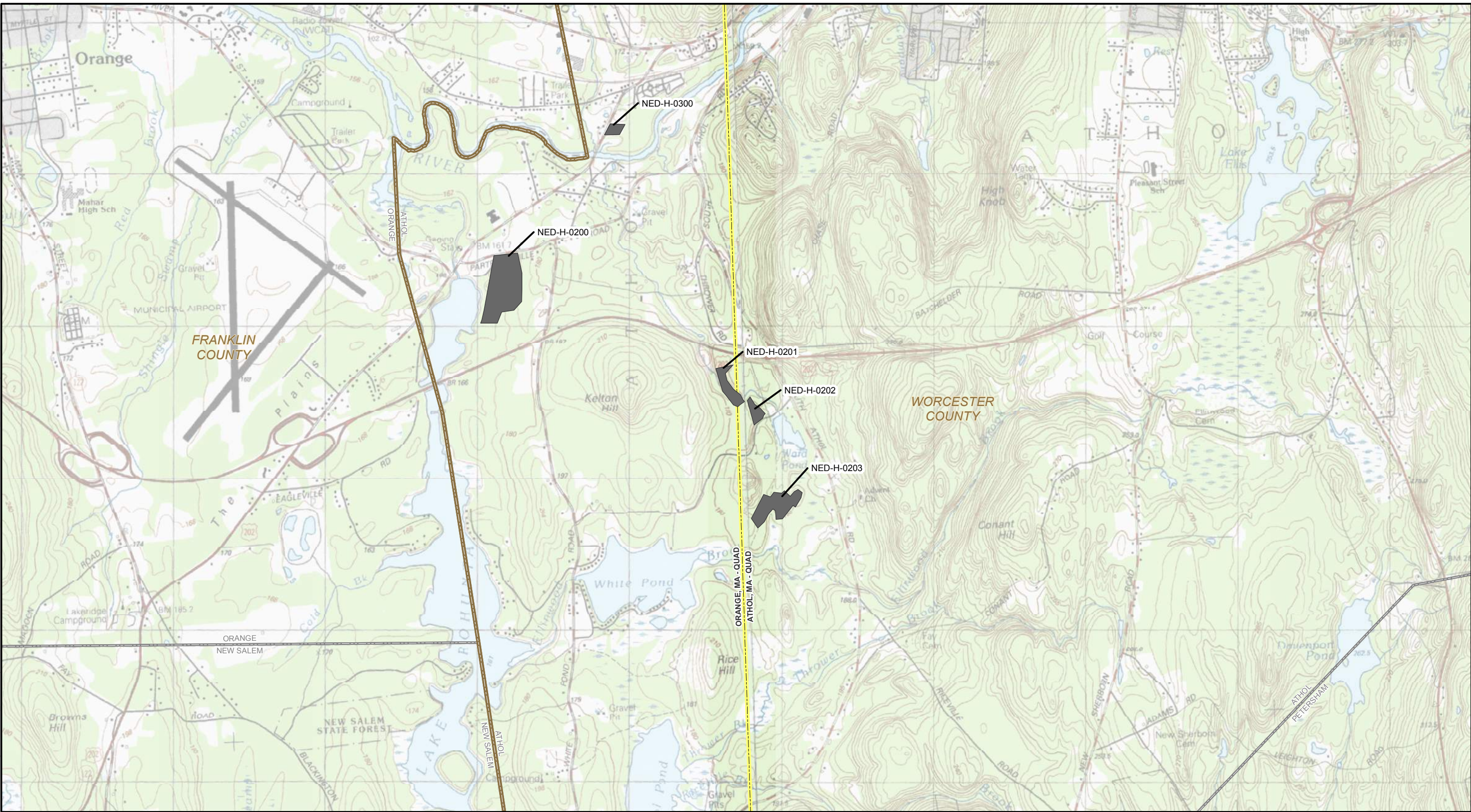
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Ph: (413) 535-0135 Fax: (413) 535-0136

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PAGE:	47 OF 56



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

SEGMENT H

WORCESTER COUNTY
MASSACHUSETTS

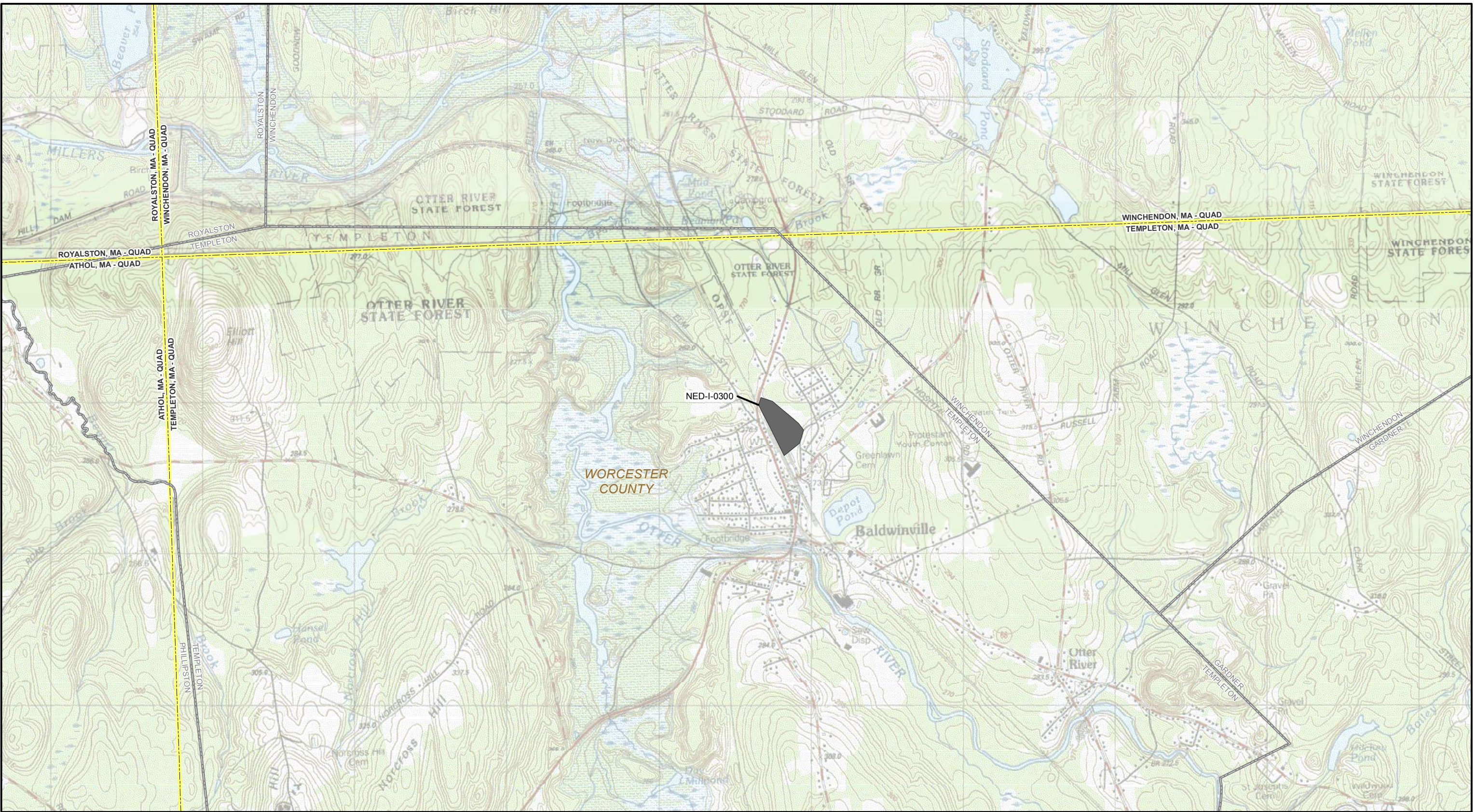
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a Kinder Morgan company

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TENNESSEE GAS PIPELINE COMPANY, L.L.C.

NORTHEAST ENERGY DIRECT PROJECT

WRIGHT TO DRACUT QUAD MAPBOOK

SEGMENT I

WORCESTER COUNTY
MASSACHUSETTS

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

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

COVER SHEET



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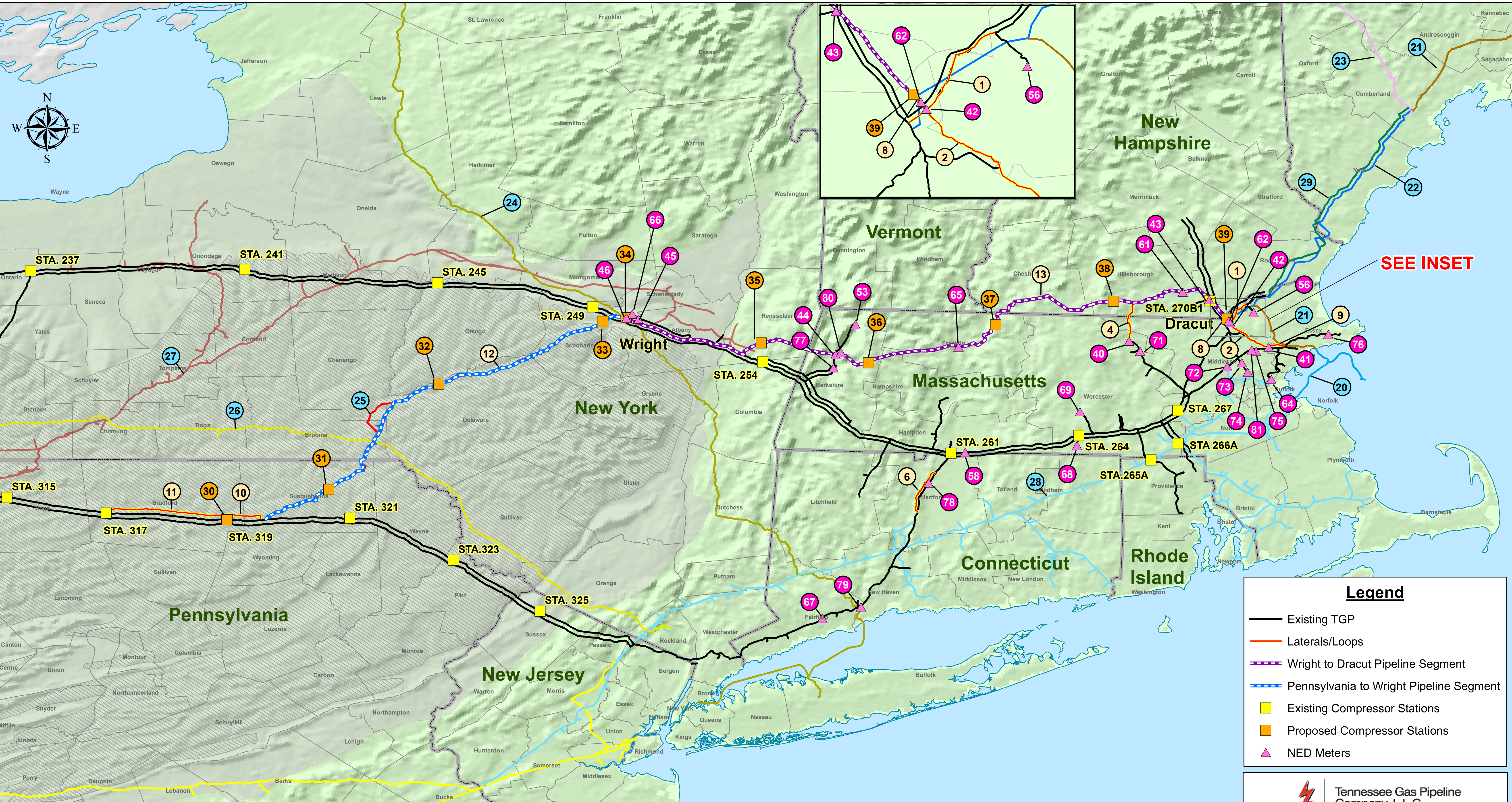
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SEE INSET

Legend

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

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a Kinder Morgan company

Northeast Energy Direct (NED) Project Location Map

Created By: BWR
Date: 10/12/2015
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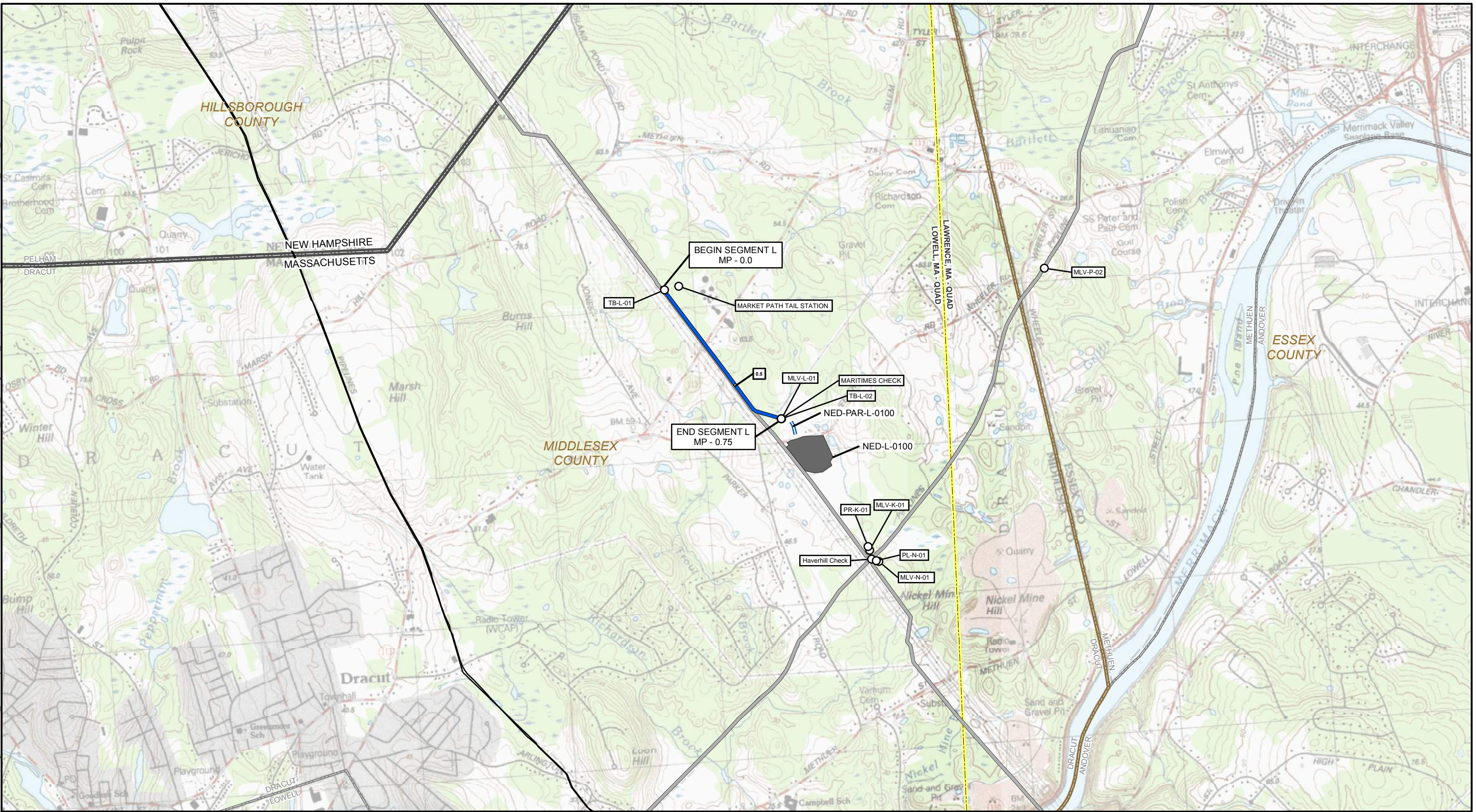
NED Pipeline	MAOP	MOP	State	Dia	Length (mi)
1 Haverhill Lateral	800	750	MA/NH	20"	9.27
2 Lynnfield Lateral	1460	1460	MA	24"	14.28
4 Fitchburg Lateral Extension	1460	1460	MA/NH	12"	13.97
6 300 Line CT Loop	800	719	CT	24"	14.80
8 Maritimes Delivery Line	1460	1460	MA	30"	0.75
9 Peabody Lateral	1460	730	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



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PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	COUNTY BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	STATE BOUNDARY
EXISTING TGP PIPELINE	USGS QUADRANGLE BOUNDARY

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TENNESSEE GAS PIPELINE COMPANY, L.L.C.
NORTHEAST ENERGY DIRECT PROJECT
MARITIMES DELIVERY LINE QUAD MAPBOOK
SEGMENT L

MIDDLESEX COUNTY
 MASSACHUSETTS

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REFERENCE SCALE:
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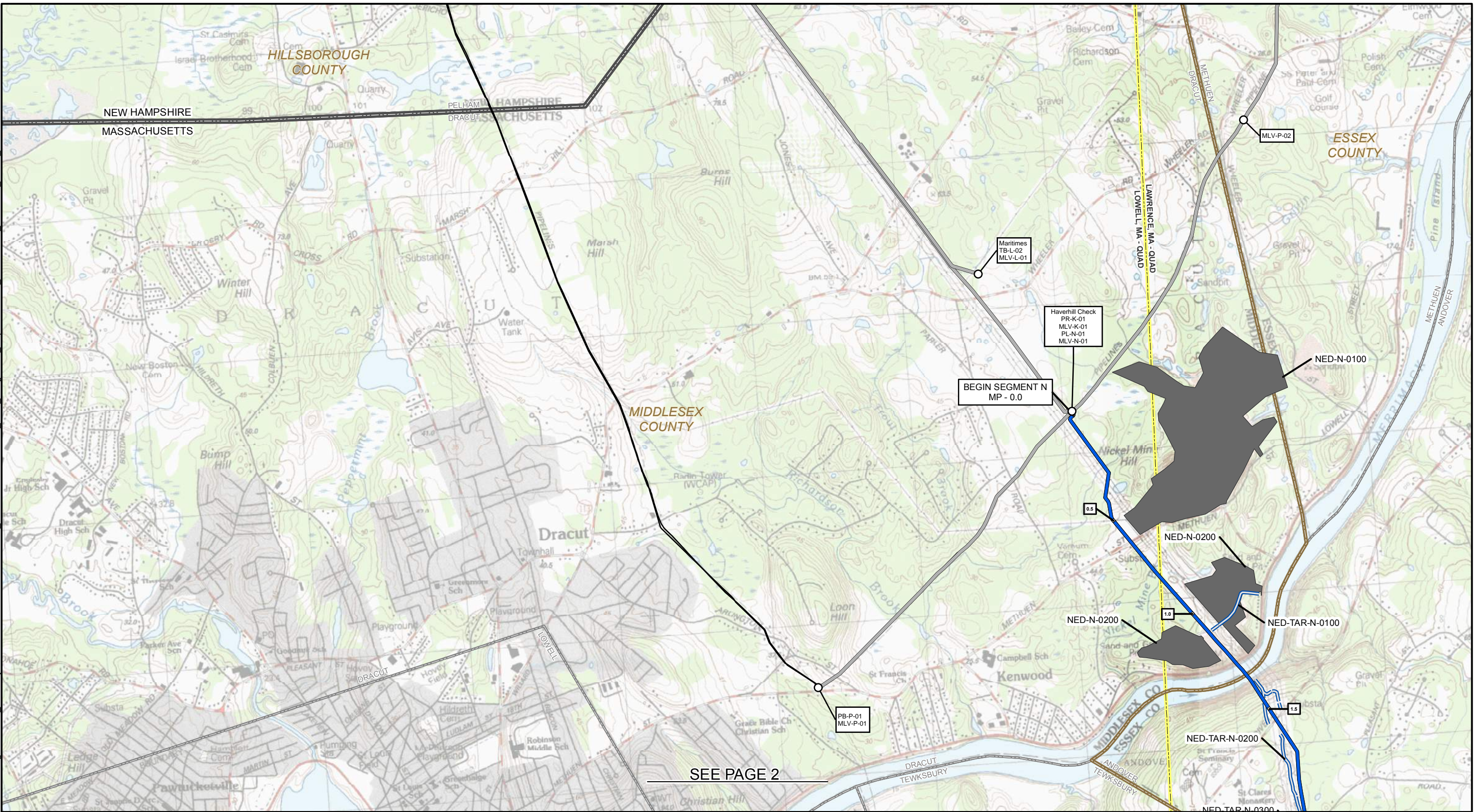
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SEE PAGE 2

1 MILE POST	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
PROPOSED NORTHEAST ENERGY DIRECT LYNNFIELD LATERAL - SEGMENT N CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	COUNTY BOUNDARY
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NORTHEAST ENERGY DIRECT PROJECT
LYNNFIELD LATERAL QUAD MAPBOOK
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MIDDLESEX & ESSEX COUNTIES
 MASSACHUSETTS

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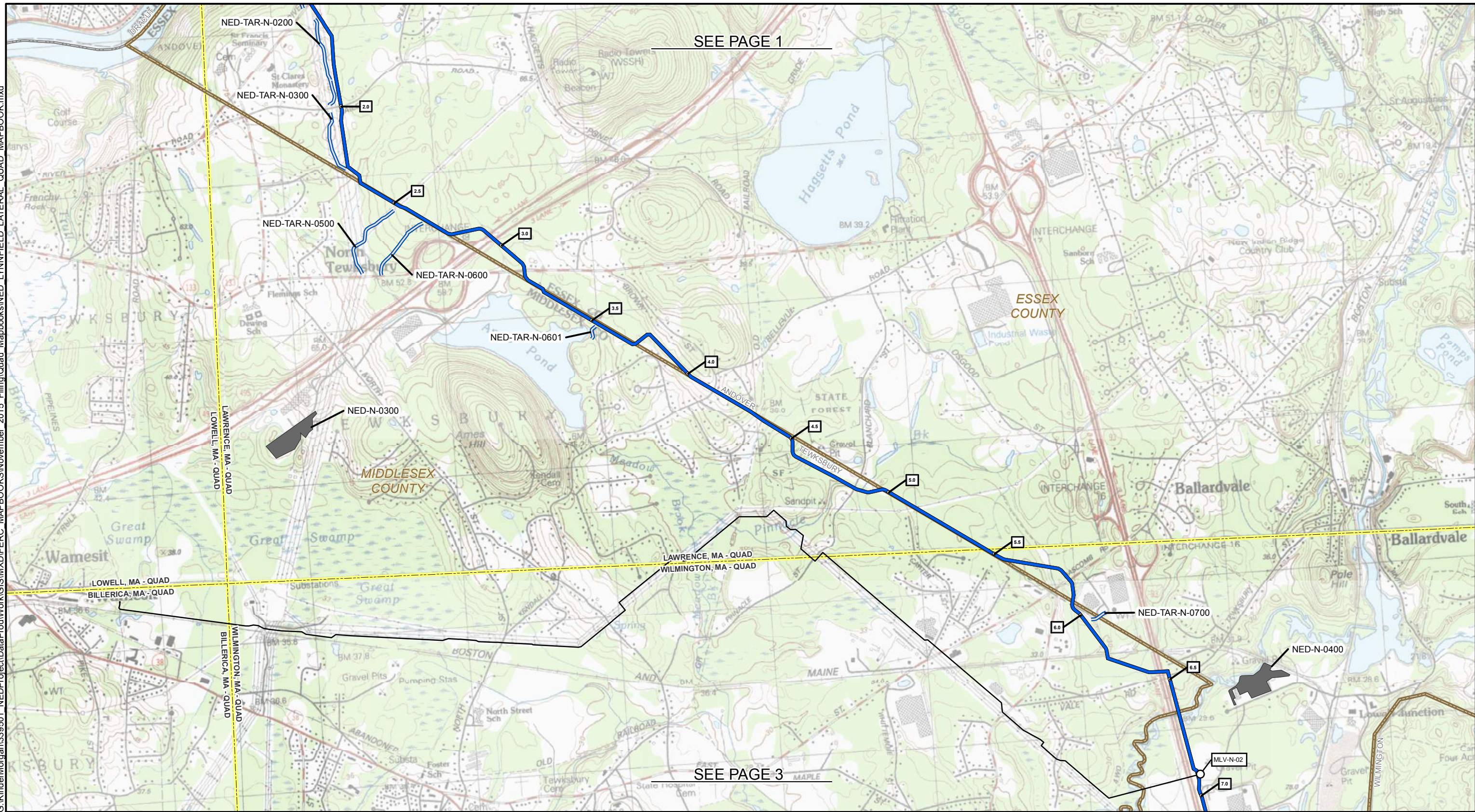
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1 MILE POST

- PROPOSED NORTHEAST ENERGY DIRECT LYNNFIELD LATERAL - SEGMENT N CENTERLINE
- PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE
- PROPOSED ACCESS ROAD* NED: Proposed Access Road
- EXISTING TGP PIPELINE

- PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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NORTHEAST ENERGY DIRECT PROJECT

LYNNFIELD LATERAL QUAD MAPBOOK

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MIDDLESEX & ESSEX COUNTIES
MASSACHUSETTS

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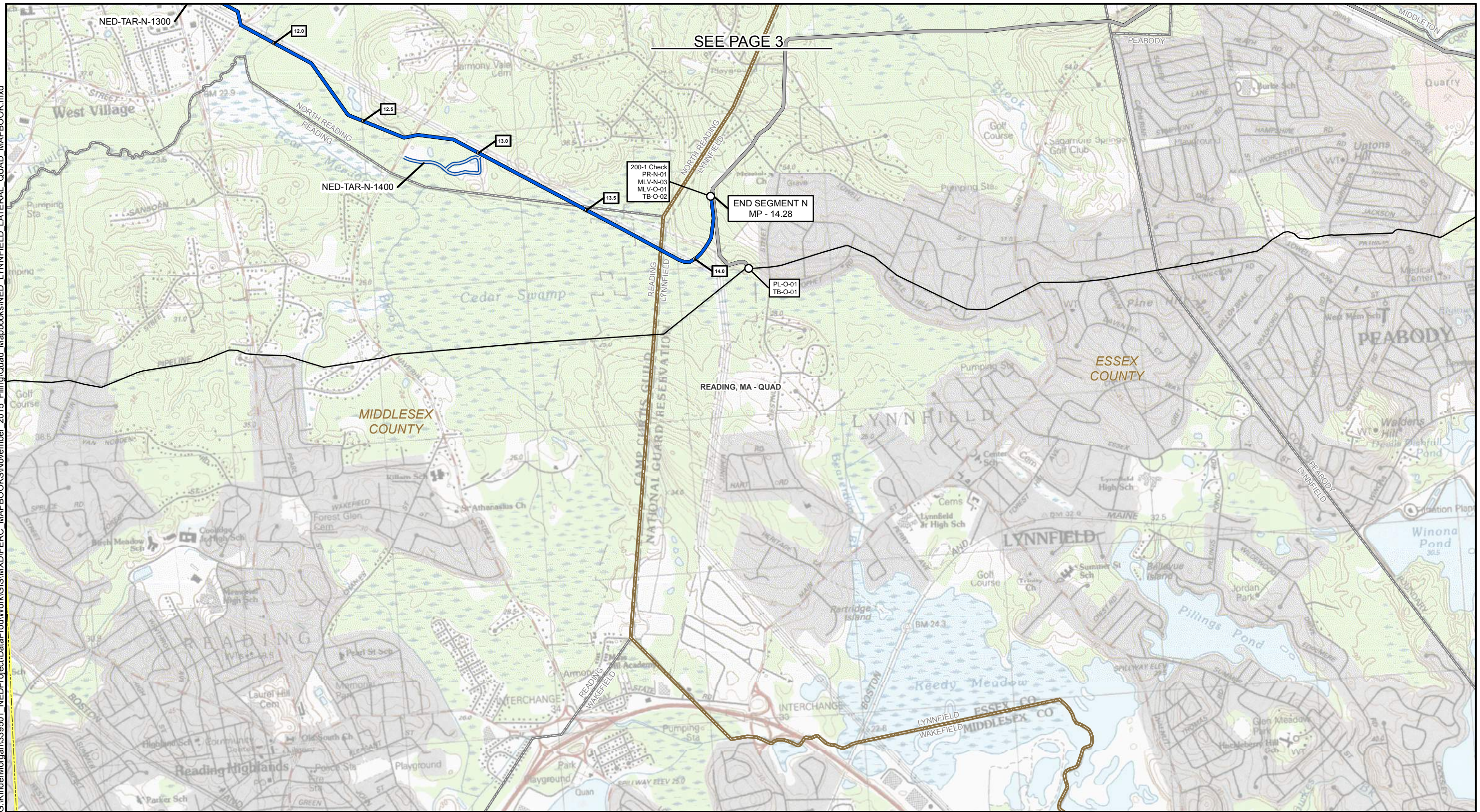
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1 MILE POST

PROPOSED NORTHEAST ENERGY DIRECT LYNNFIELD LATERAL - SEGMENT N CENTERLINE

PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE

PROPOSED ACCESS ROAD* NED: Proposed Access Road

EXISTING TGP PIPELINE

PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

USGS QUADRANGLE BOUNDARY

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MIDDLESEX & ESSEX COUNTIES
MASSACHUSETTS



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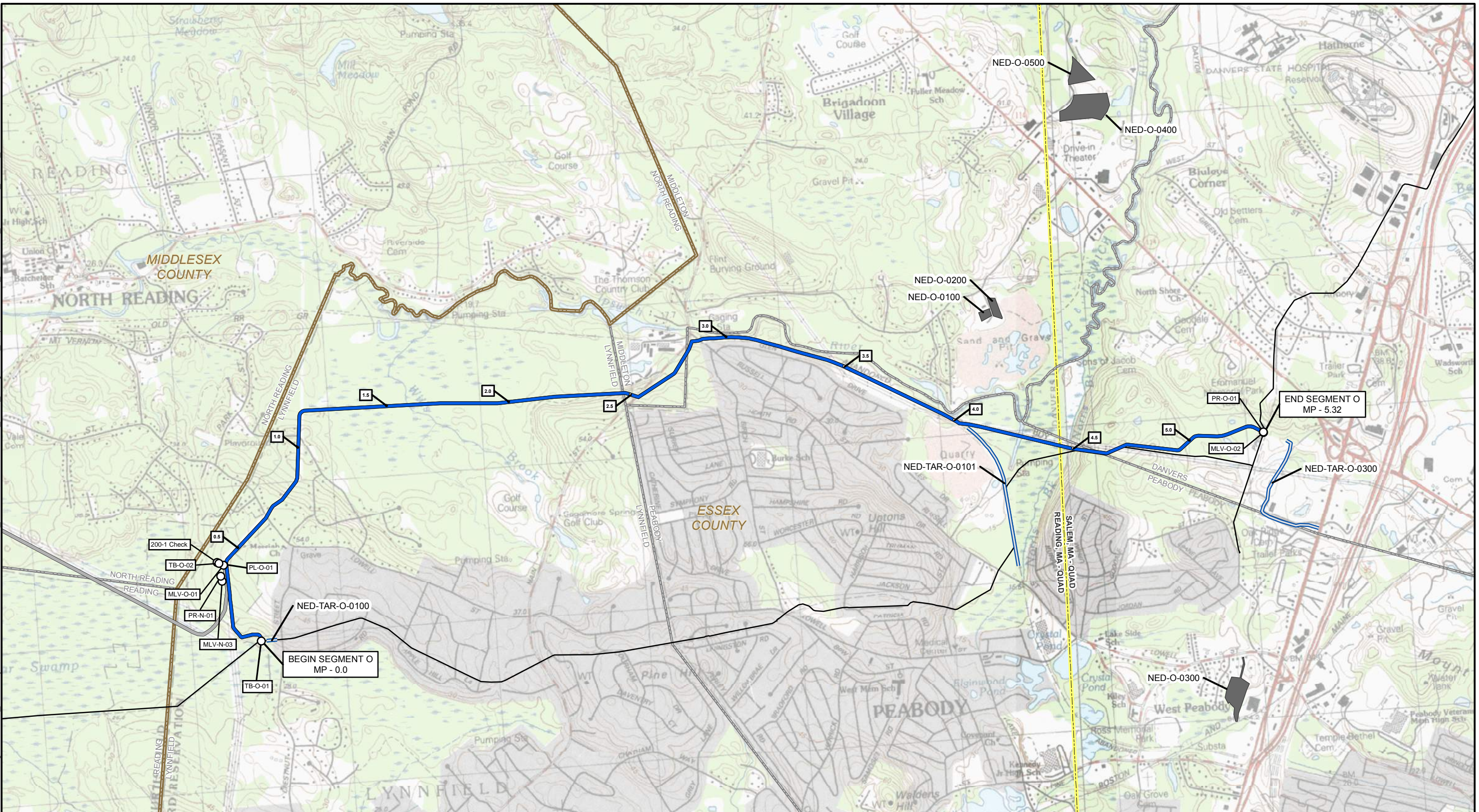
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PROPOSED NORTHEAST ENERGY DIRECT PEABODY LATERAL LINE - SEGMENT O CENTERLINE	MUNICIPAL BOUNDARY
PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE	COUNTY BOUNDARY
PROPOSED ACCESS ROAD* NED: Proposed Access Road	USGS QUADRANGLE BOUNDARY
EXISTING TGP PIPELINE	

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PEABODY LATERAL QUAD MAPBOOK

SEGMENT O

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MASSACHUSETTS

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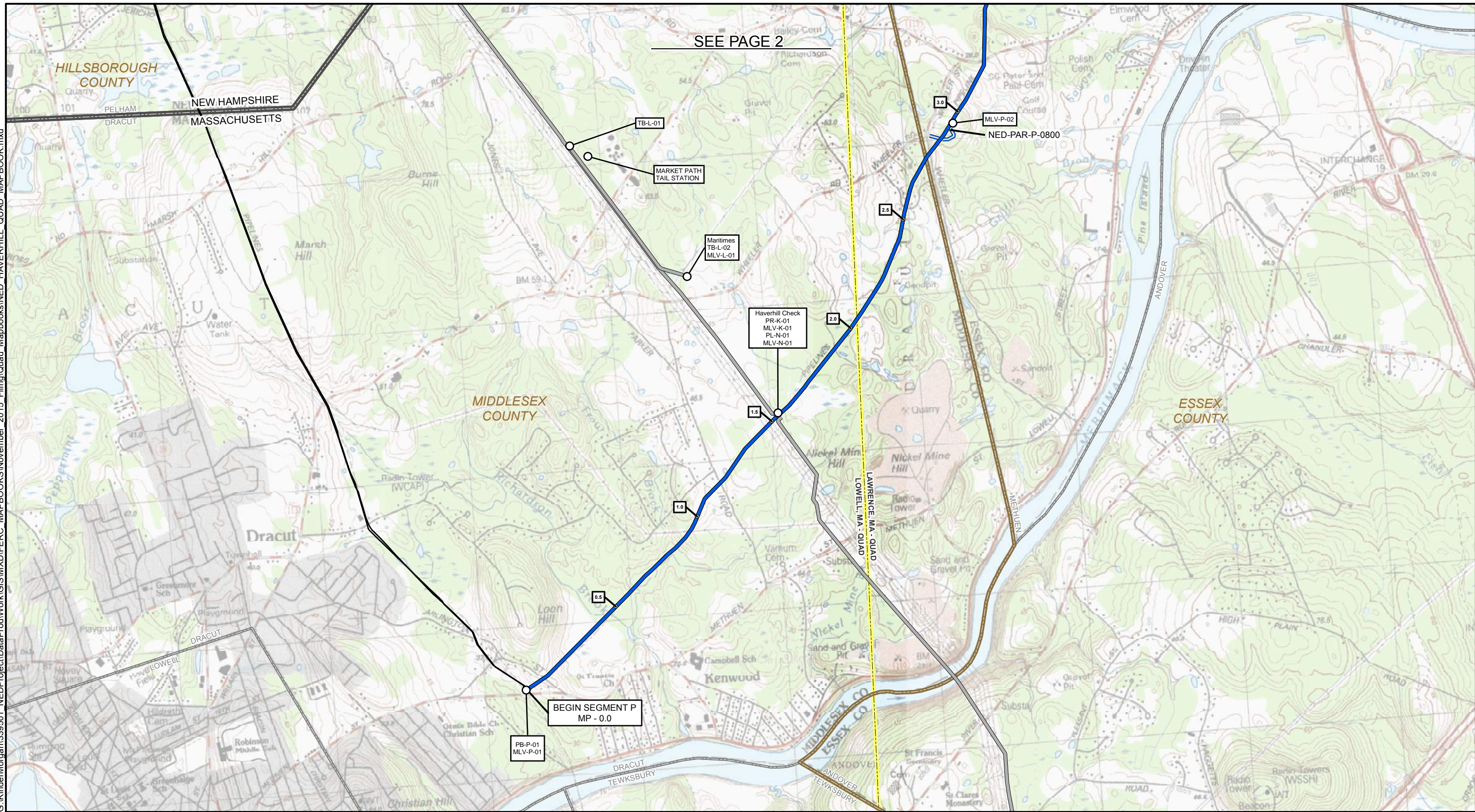
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	MILE POST		PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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NORTHEAST ENERGY DIRECT PROJECT
HAVERHILL LATERAL QUAD MAPBOOK
SEGMENT P

MIDDLESEX & ESSEX COUNTIES
 MASSACHUSETTS

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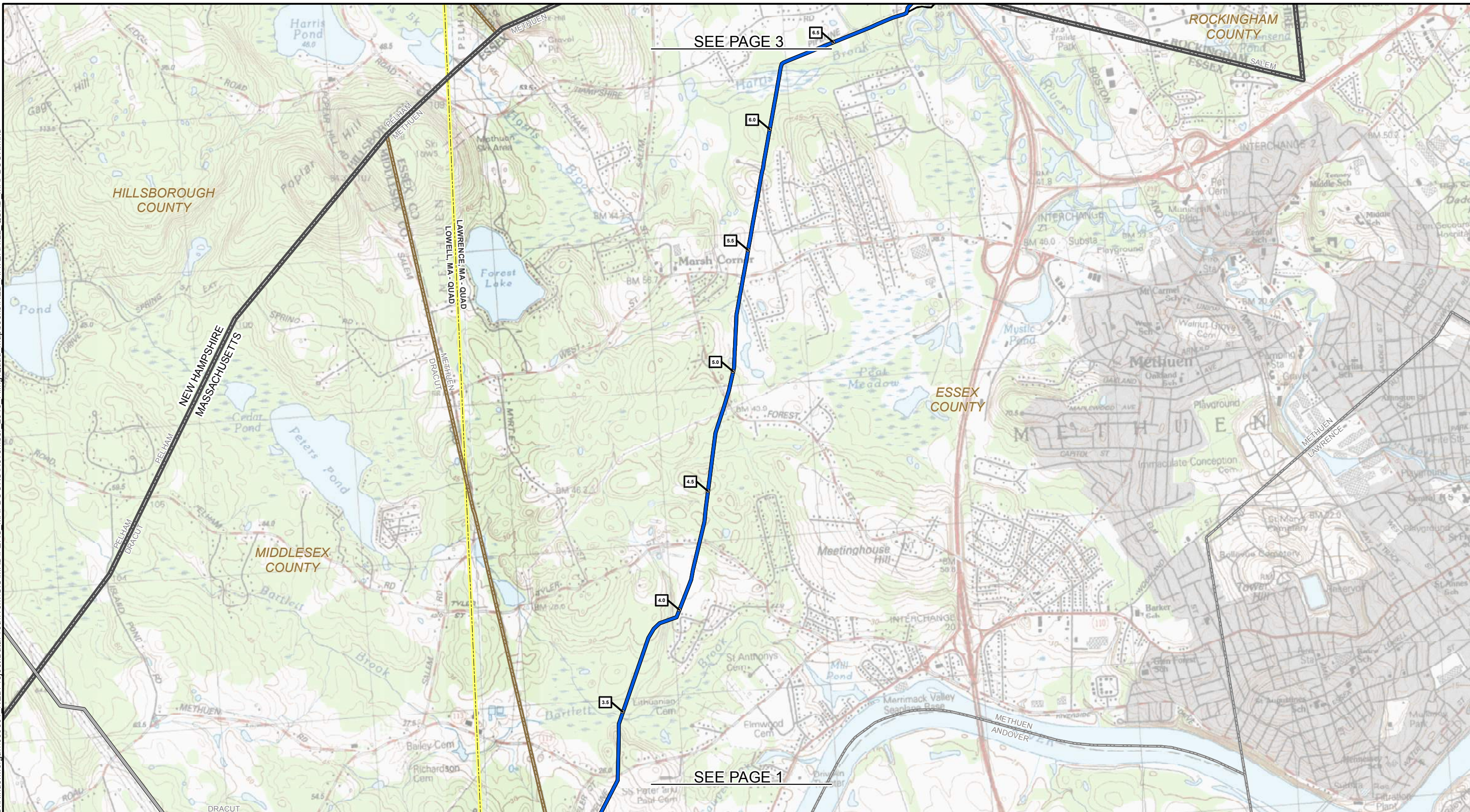
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- 1 MILE POST
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TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT HAVERHILL LATERAL QUAD MAPBOOK SEGMENT P

ESSEX COUNTY
MASSACHUSETTS



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

ROCKINGHAM COUNTY, NEW HAMPSHIRE AND ESSEX COUNTY
MASSACHUSETTS

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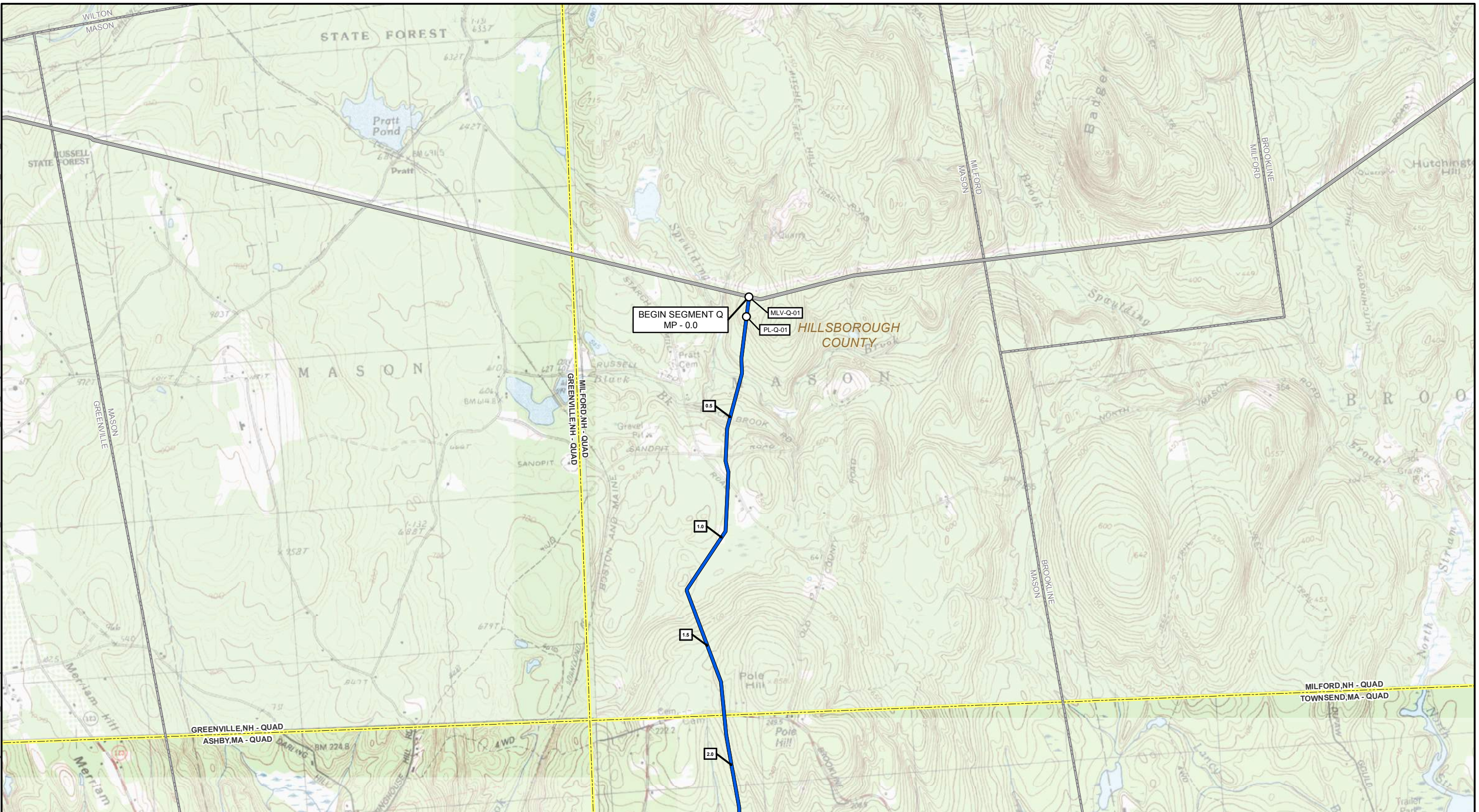
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Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company

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

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PAGE:	3 OF 3



	MILE POST		PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
	PROPOSED NORTHEAST ENERGY DIRECT FITCBURG LATERAL LINE - SEGMENT Q CENTERLINE		MUNICIPAL BOUNDARY
	PROPOSED NORTHEAST ENERGY DIRECT PIPELINE CENTERLINE		COUNTY BOUNDARY
	PROPOSED ACCESS ROAD* NED: Proposed Access Road		STATE BOUNDARY
	EXISTING TGP PIPELINE		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 FITCBURG LATERAL QUAD MAPBOOK SEGMENT Q

HILLSBOROUGH COUNTY
NEW HAMPSHIRE

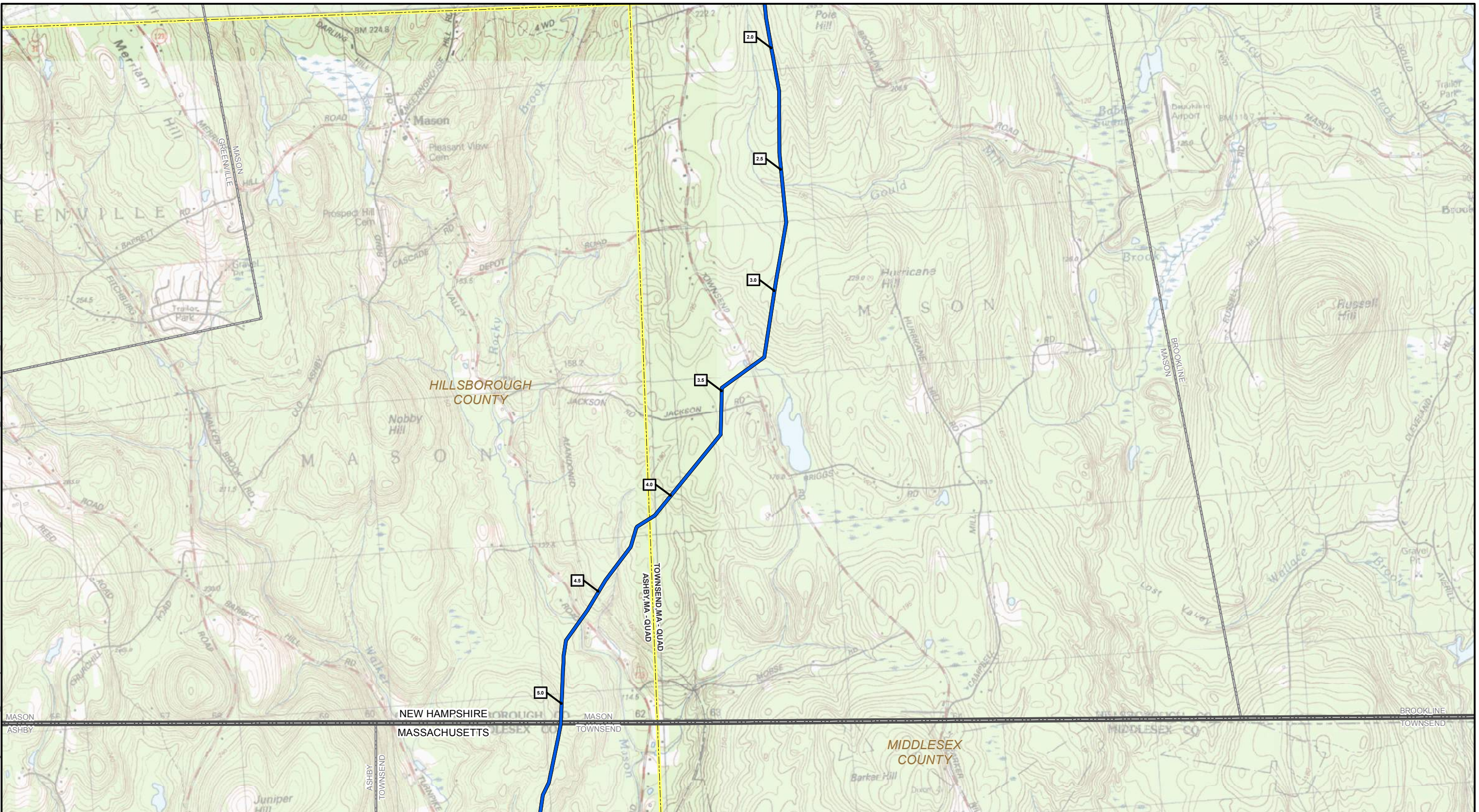
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Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company

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

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

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

HILLSBOROUGH COUNTY, NEW HAMPSHIRE & MIDDLESEX COUNTY
MASSACHUSETTS

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ABSOLUTE SCALE:
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1 IN = 2,000 FEET

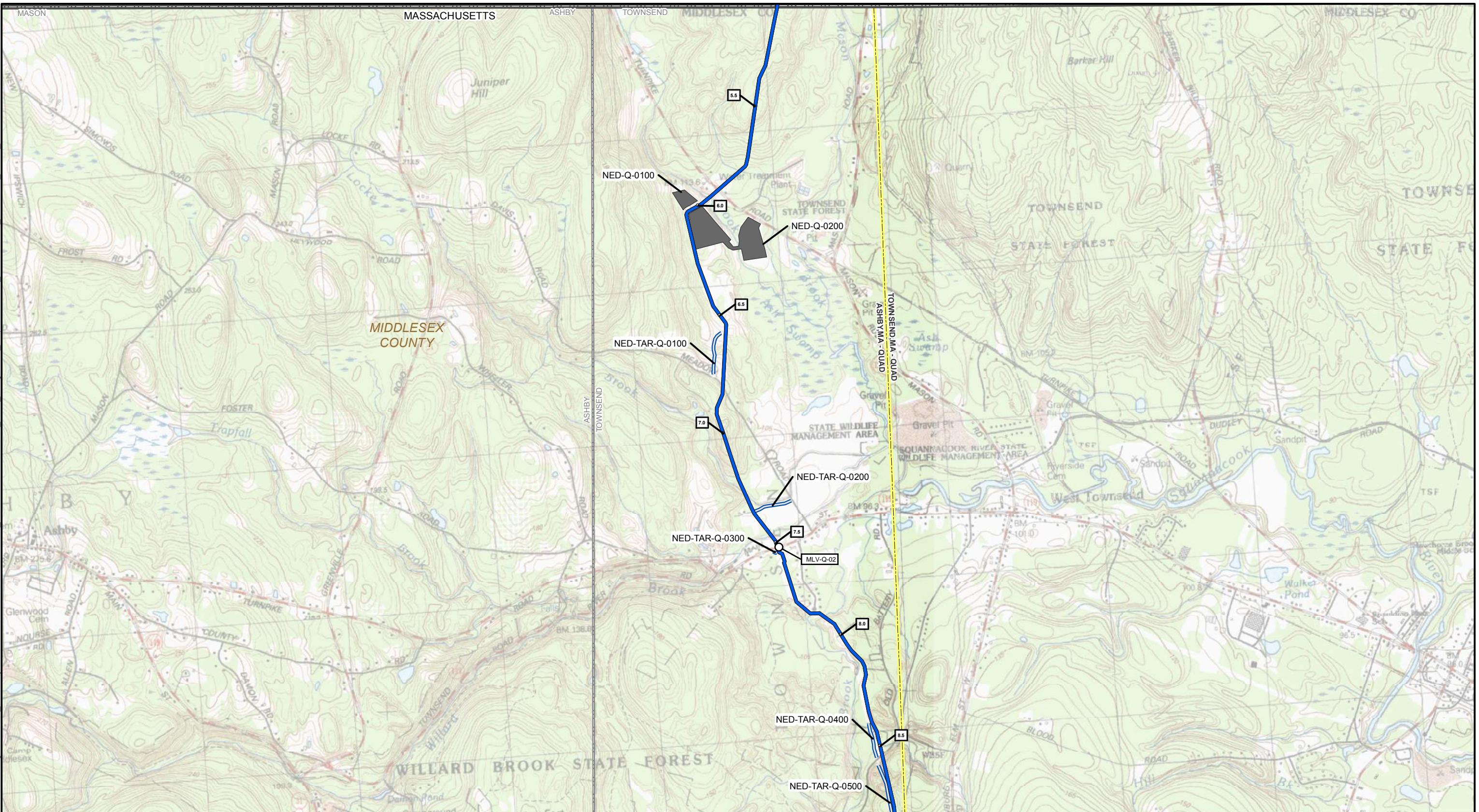
Tennessee Gas Pipeline Company, L.L.C.
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Hatch Mott MacDonald
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1 MILE POST	PROPOSED CONTRACTOR YARD NED: Proposed Contractor Yard
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TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT FITCBURG LATERAL QUAD MAPBOOK SEGMENT Q

MIDDLESEX COUNTY
MASSACHUSETTS

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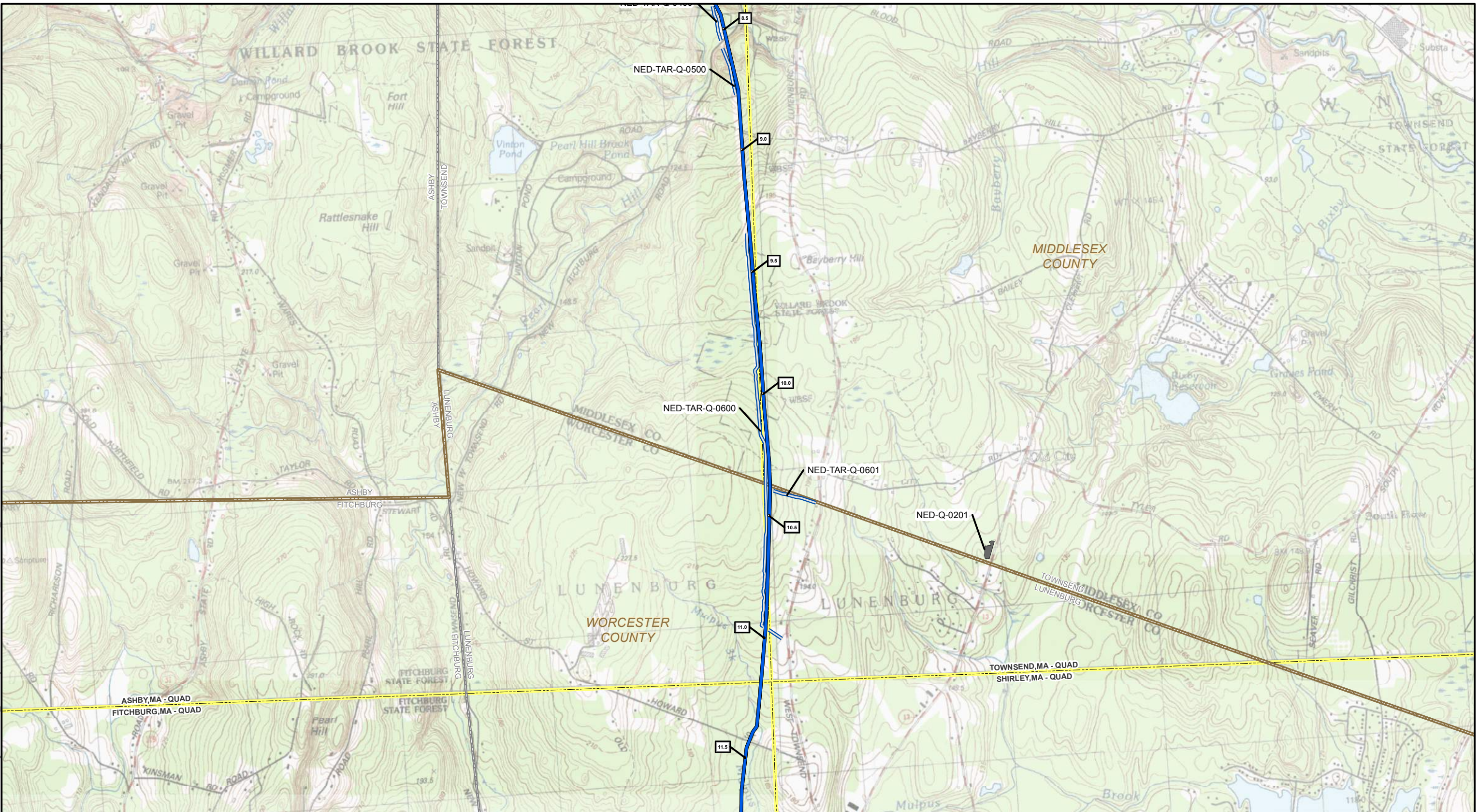
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TENNESSEE GAS PIPELINE COMPANY, L.L.C. NORTHEAST ENERGY DIRECT PROJECT FITCHBURG LATERAL QUAD MAPBOOK SEGMENT Q

MIDDLESEX & WORCESTER COUNTIES
MASSACHUSETTS

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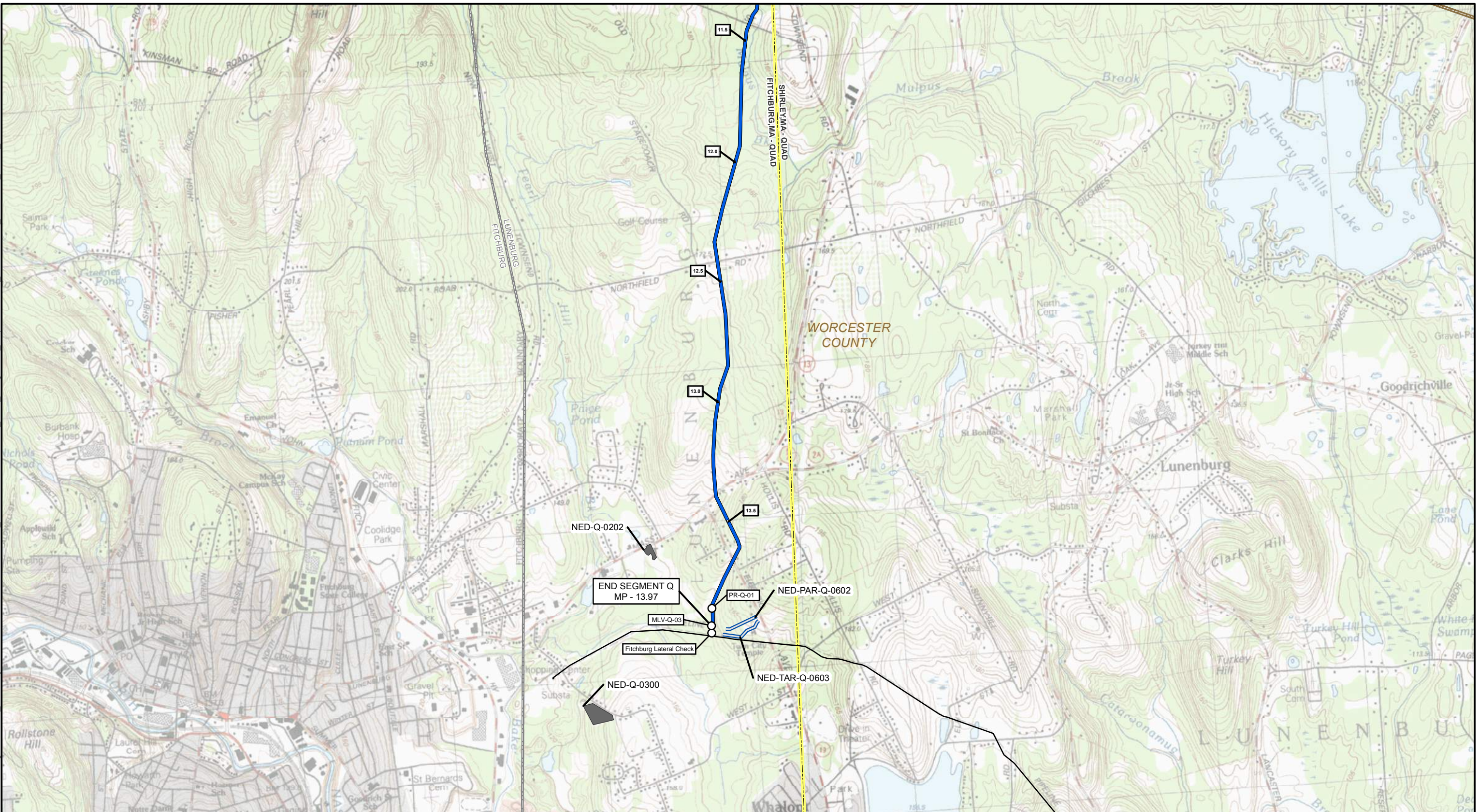
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TENNESSEE GAS PIPELINE COMPANY, L.L.C.

NORTHEAST ENERGY DIRECT PROJECT

FITCHBURG LATERAL QUAD MAPBOOK

SEGMENT Q

WORCESTER COUNTY
MASSACHUSETTS

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TENNESSEE GAS PIPELINE COMPANY, L.L.C.

NORTHEAST ENERGY DIRECT PROJECT

FITCBURG LATERAL 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

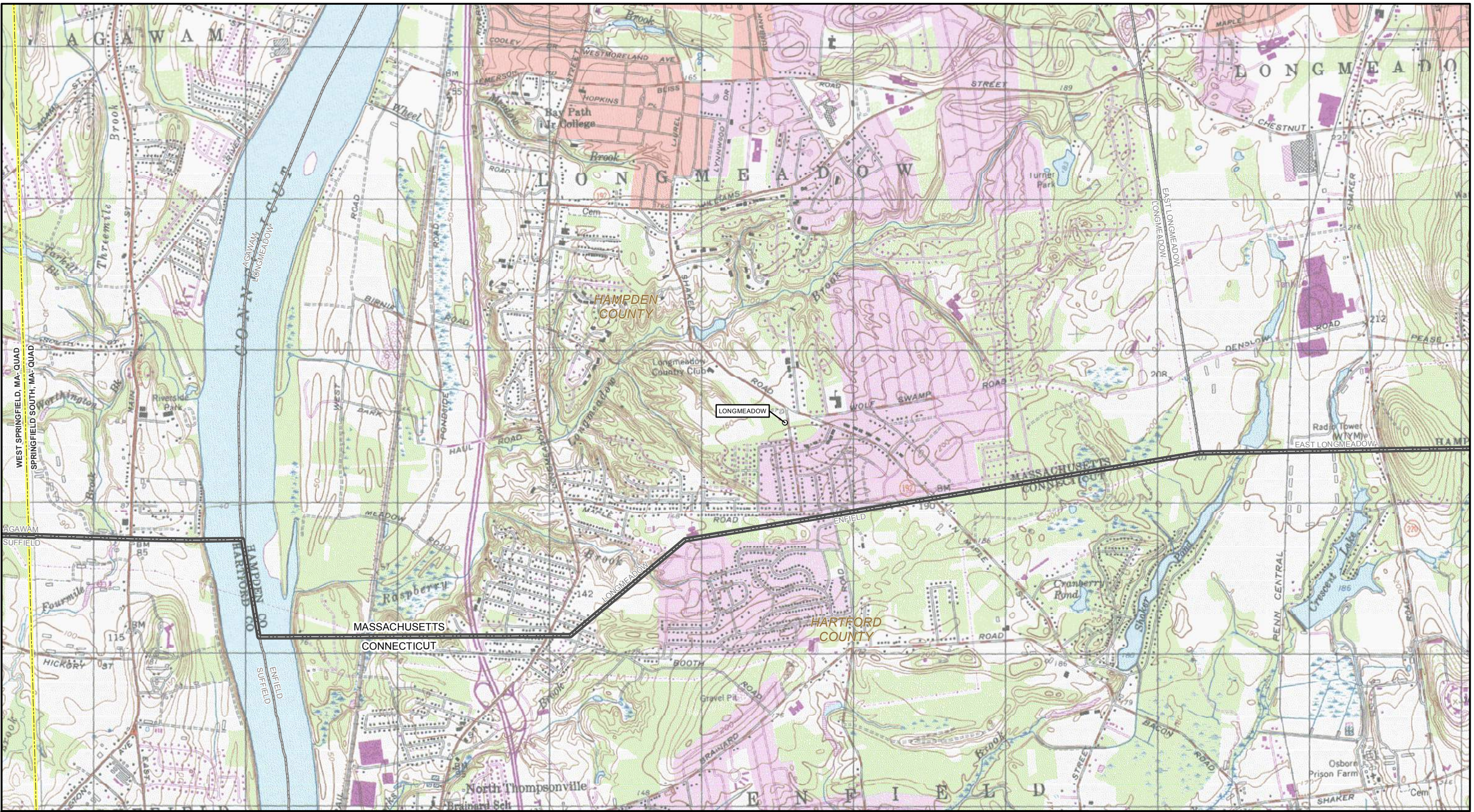
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




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-  PROPOSED METER SITE
-  EXISTING TGP PIPELINE
-  MUNICIPAL BOUNDARY
-  COUNTY BOUNDARY
-  STATE BOUNDARY
-  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
METER SITE QUAD MAPBOOK
LONGMEADOW

HAMPDEN COUNTY
MASSACHUSETTS



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

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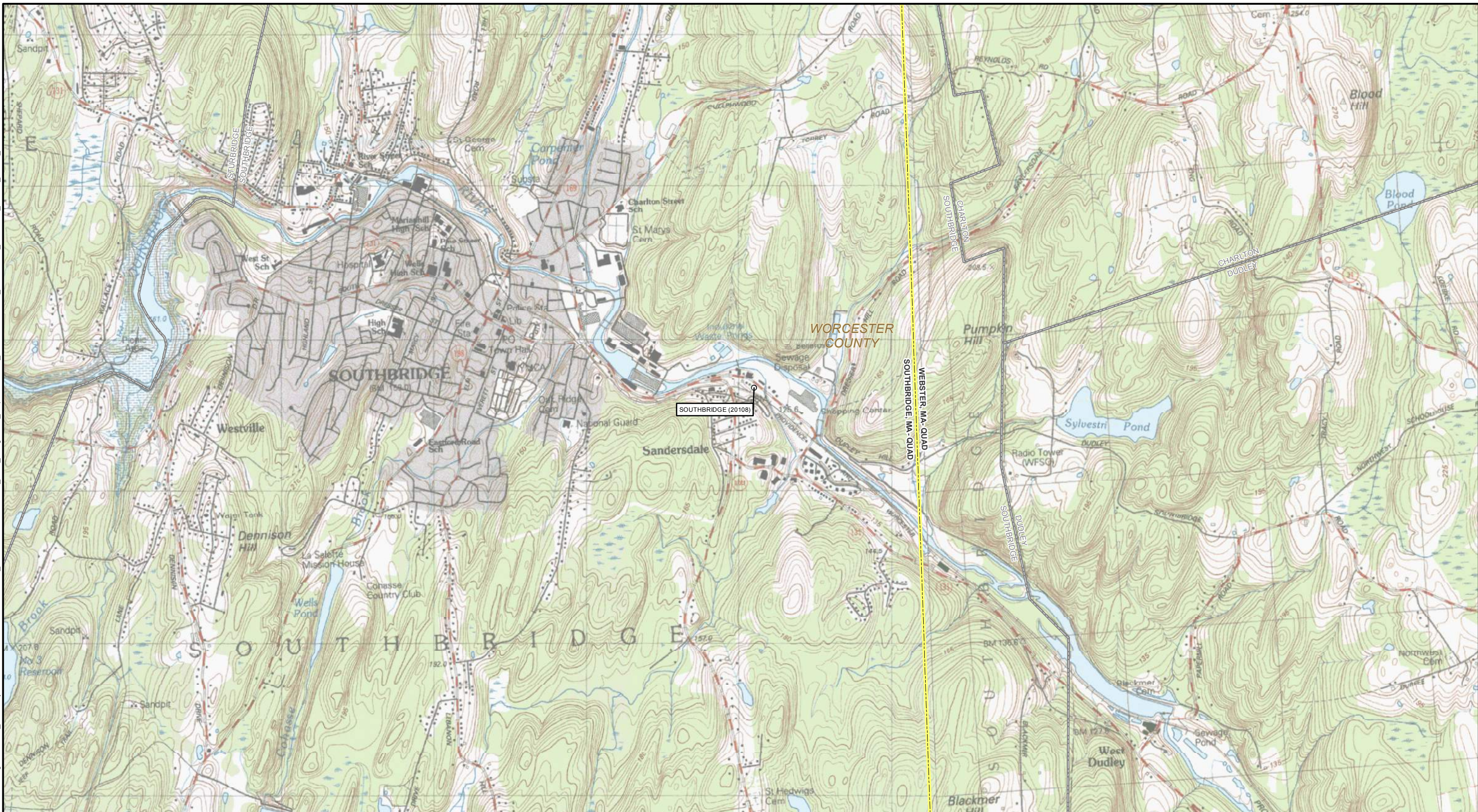
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- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ USGS QUADRANGLE BOUNDARY

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 QUAD MAPBOOK SOUTHBRIDGE (20108)

WORCESTER COUNTY
MASSACHUSETTS



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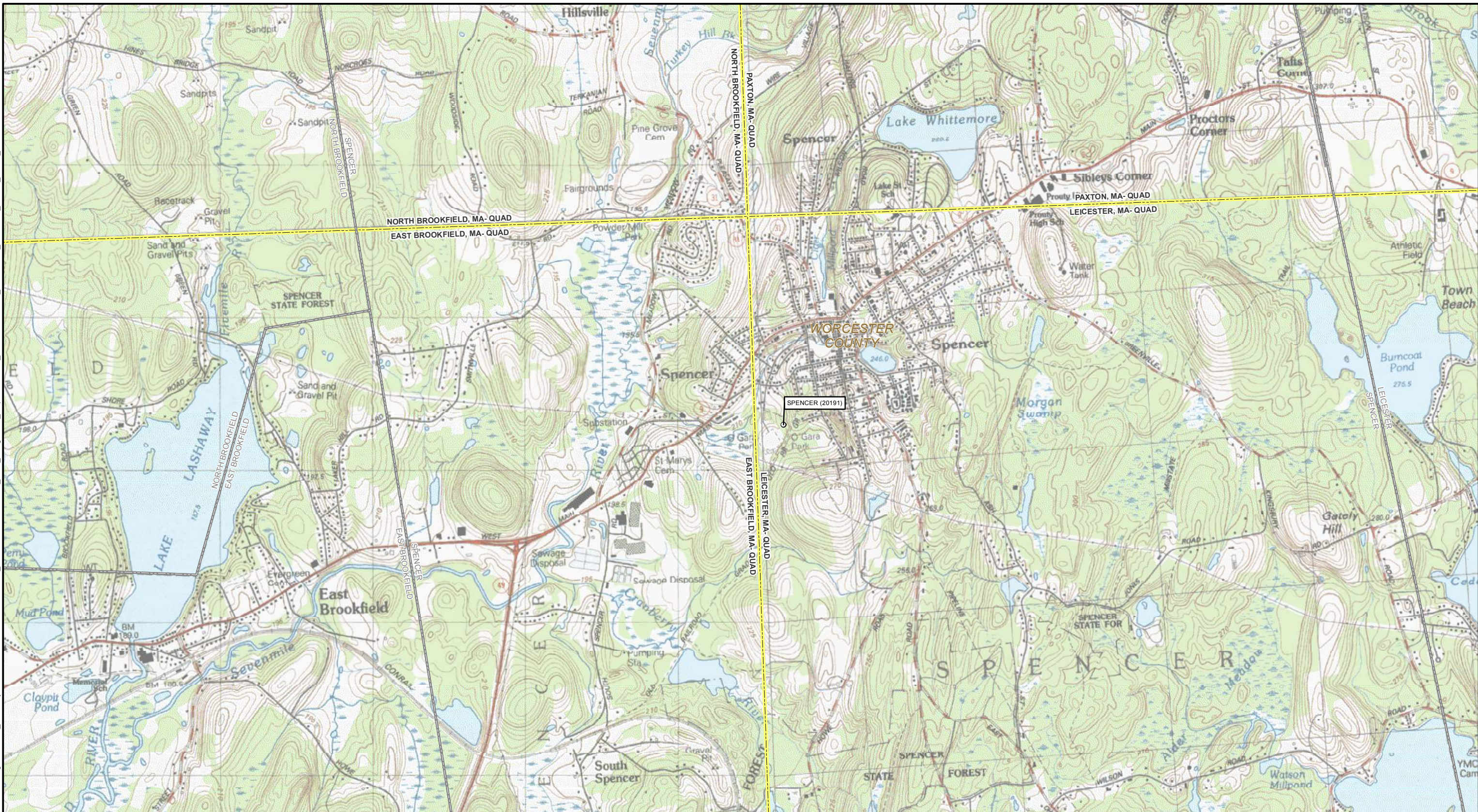


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Ph: (413) 535-0135 Fax: (413) 535-0136

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PAGE:	3 OF 14

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- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ 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 METER SITE QUAD MAPBOOK SPENCER (20191)

WORCESTER COUNTY
MASSACHUSETTS



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	PROPOSED METER SITE
	EXISTING TGP PIPELINE
	MUNICIPAL BOUNDARY
	COUNTY BOUNDARY
	STATE BOUNDARY
	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 METER SITE QUAD MAPBOOK LUNENBURG (20949)

WORCESTER COUNTY
MASSACHUSETTS

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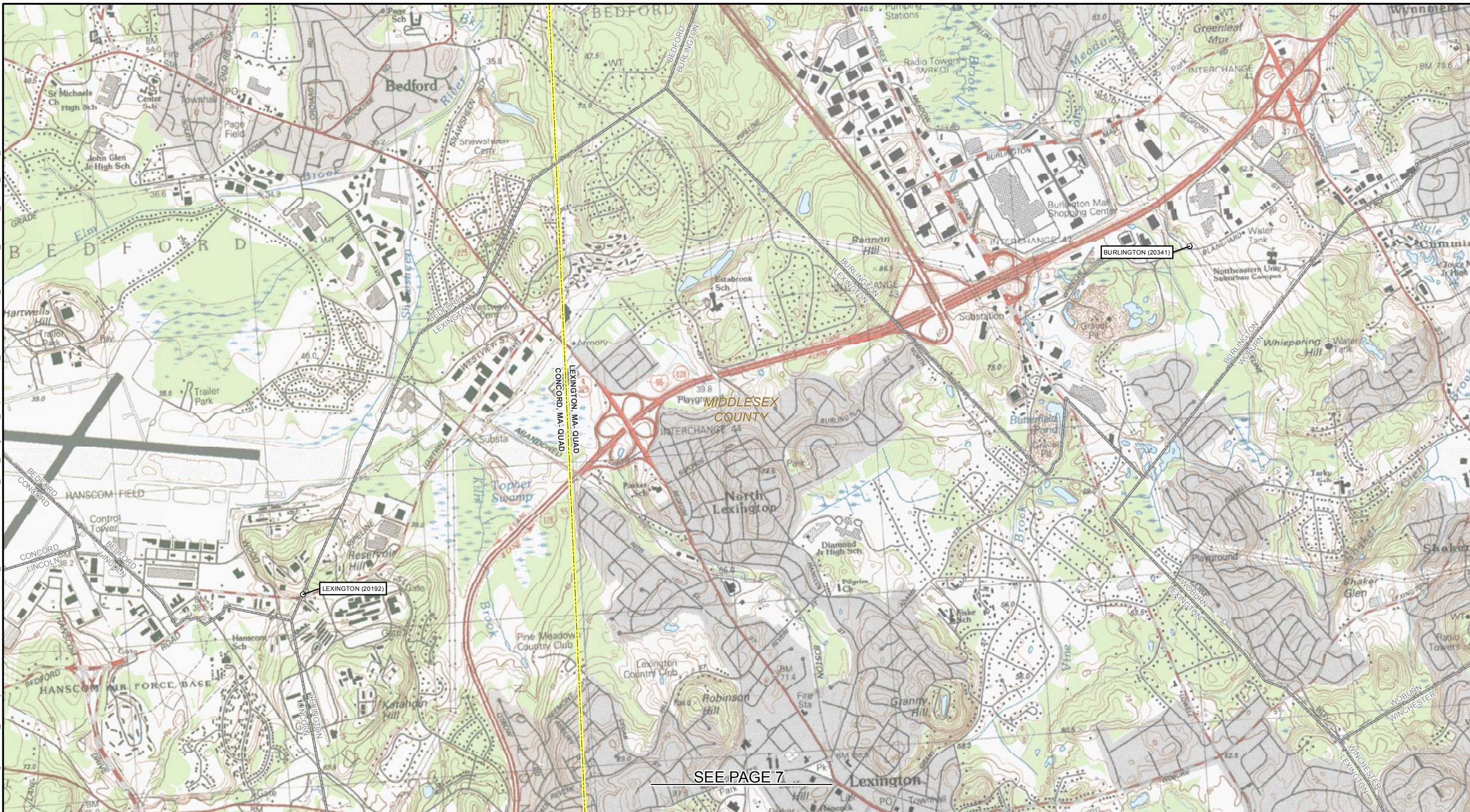
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a Kinder Morgan company

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Holyoke, MA 01040
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SEE PAGE 7

- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ 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
METER SITE QUAD MAPBOOK
LEXINGTON (20192) & BURLINGTON (20341)

MIDDLESEX COUNTY
 MASSACHUSETTS



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REFERENCE SCALE:
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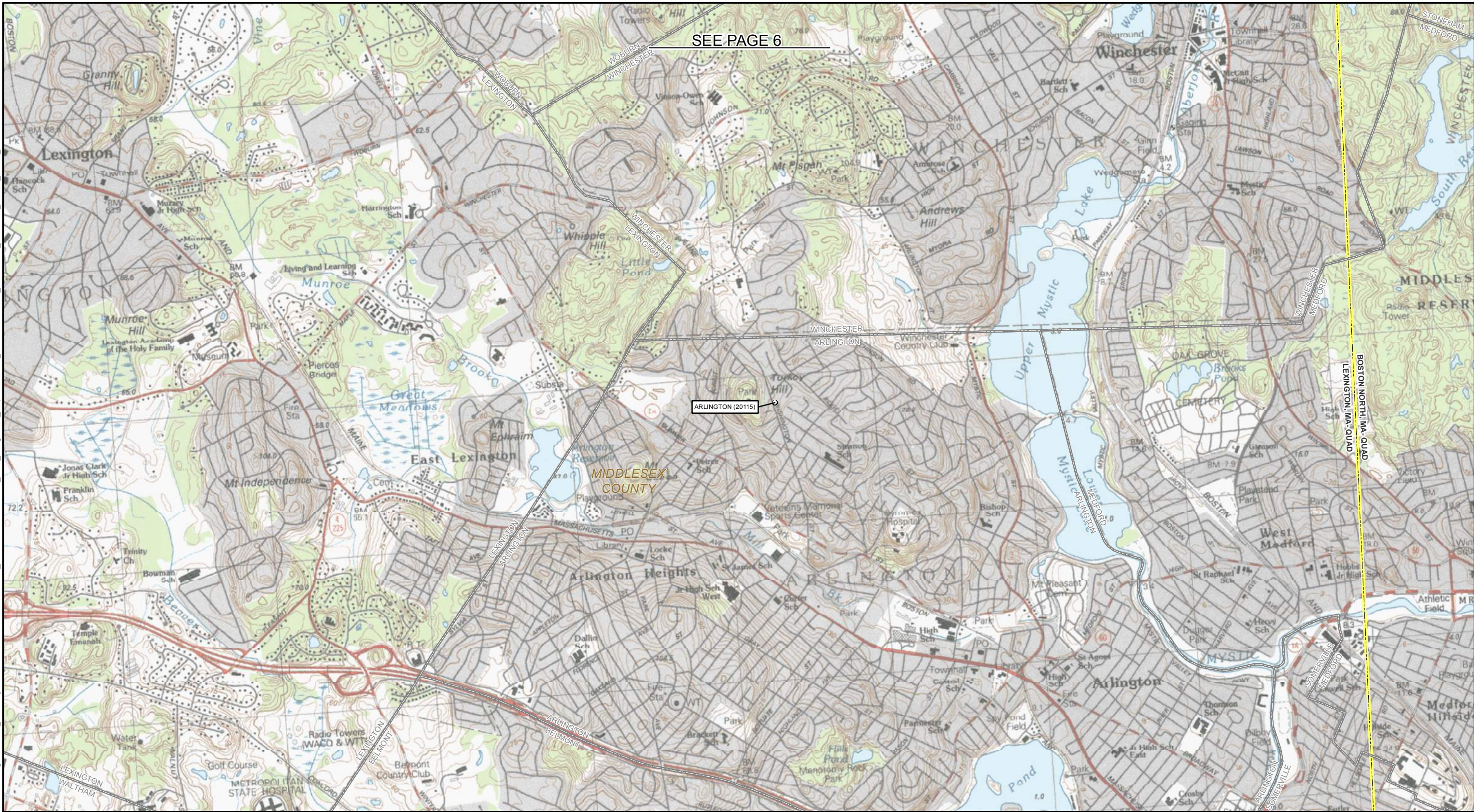
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 Holyoke, MA 01040
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





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-  PROPOSED METER SITE
-  EXISTING TGP PIPELINE
-  MUNICIPAL BOUNDARY
-  COUNTY BOUNDARY
-  STATE BOUNDARY
-  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
METER SITE QUAD MAPBOOK
ARLINGTON (20115)

MIDDLESEX COUNTY
 MASSACHUSETTS

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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

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 QUAD MAPBOOK
EVERETT

MIDDLESEX COUNTY
MASSACHUSETTS



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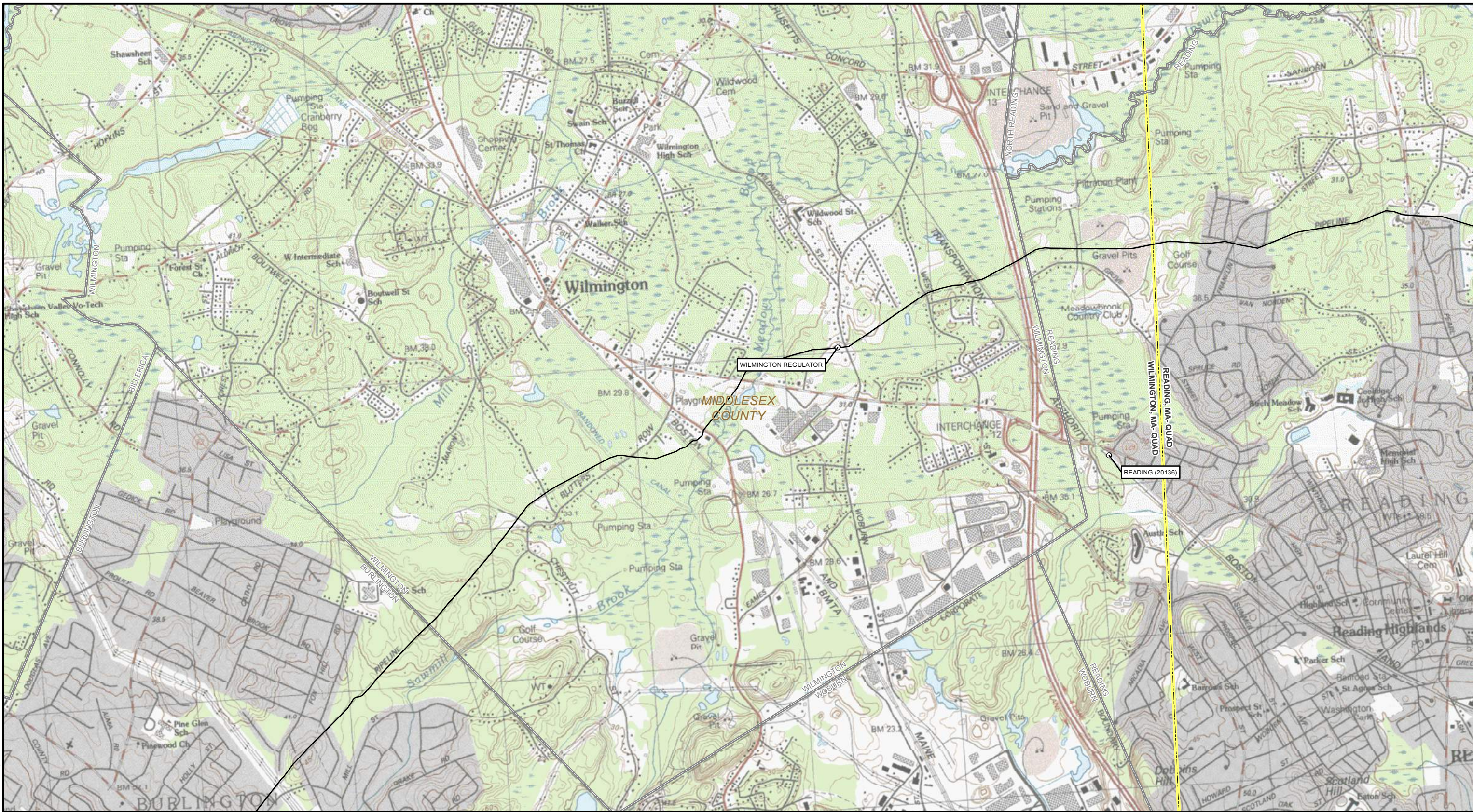


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- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
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MAP COMPILED USING THE MOST CURRENT QUADRANGLE MAP AVAILABLE FROM THE U.S. GEOLOGICAL SURVEY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

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

MIDDLESEX COUNTY
 MASSACHUSETTS



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- PROPOSED METER SITE
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- COUNTY BOUNDARY
- STATE BOUNDARY
- 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
METER SITE QUAD MAPBOOK
ESSEX (20323)

ESSEX COUNTY
MASSACHUSETTS



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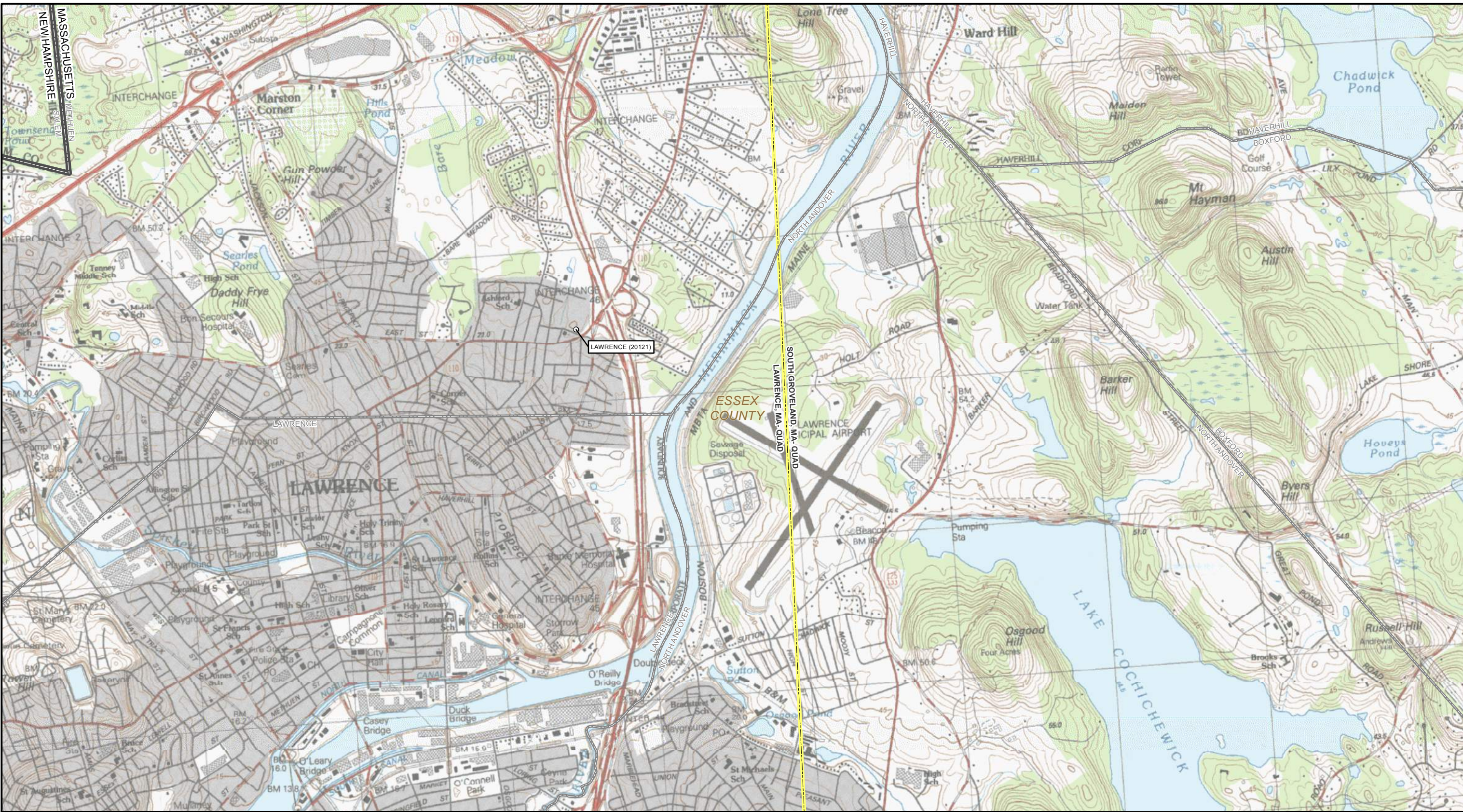


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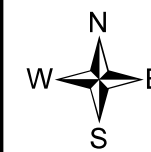


- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ USGS QUADRANGLE BOUNDARY

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 METER SITE QUAD MAPBOOK LAWRENCE (20121)

ESSEX COUNTY
MASSACHUSETTS



ABSOLUTE SCALE:
1:24,000

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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CHECKED BY: HMM

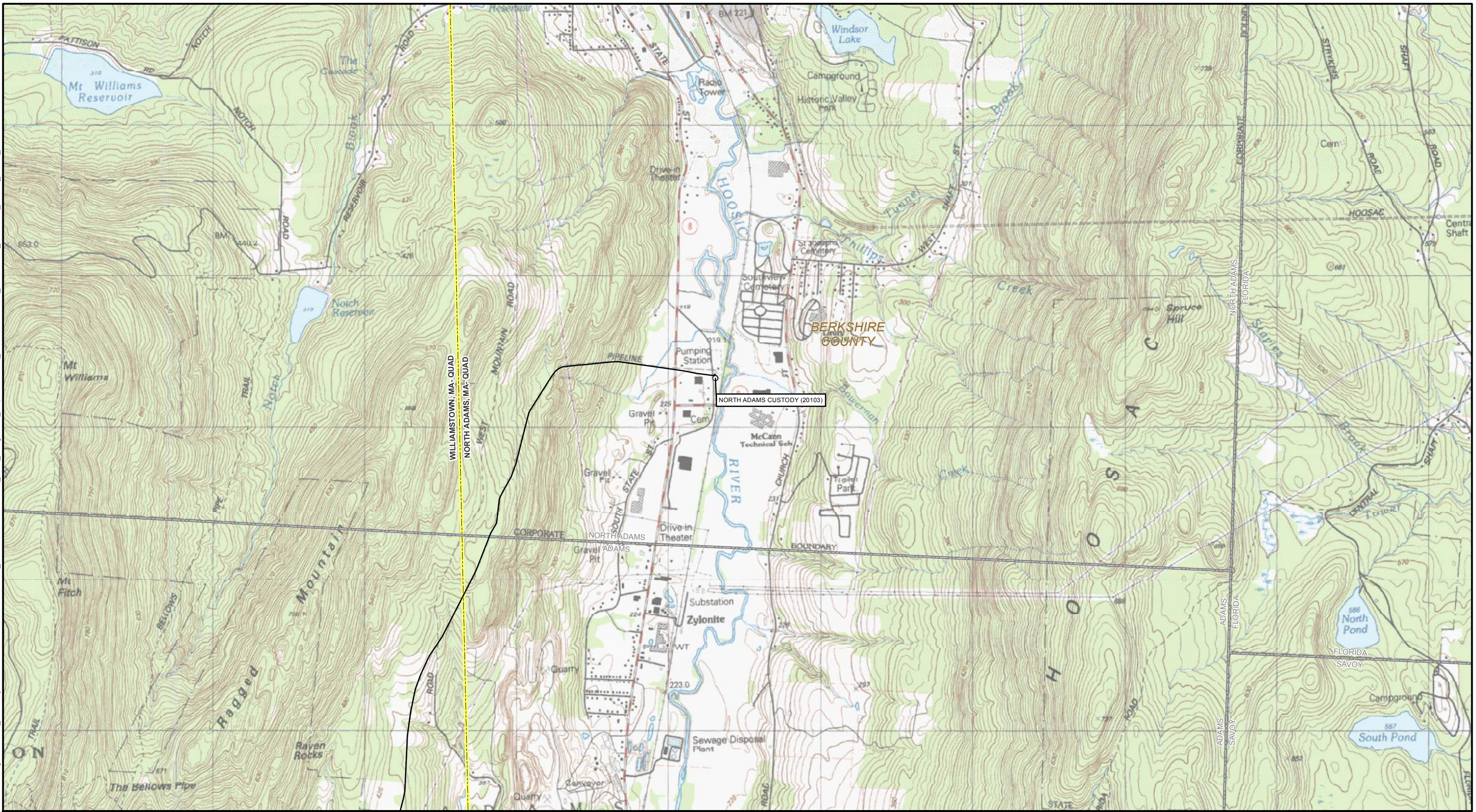
APPROVED BY: HMM







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PAGE: 11 OF 14




-  PROPOSED METER SITE
-  EXISTING TGP PIPELINE
-  MUNICIPAL BOUNDARY
-  COUNTY BOUNDARY
-  STATE BOUNDARY
-  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 METER SITE QUAD MAPBOOK NORTH ADAMS CUSTODY (20103)

BERKSHIRE COUNTY
MASSACHUSETTS



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



N
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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



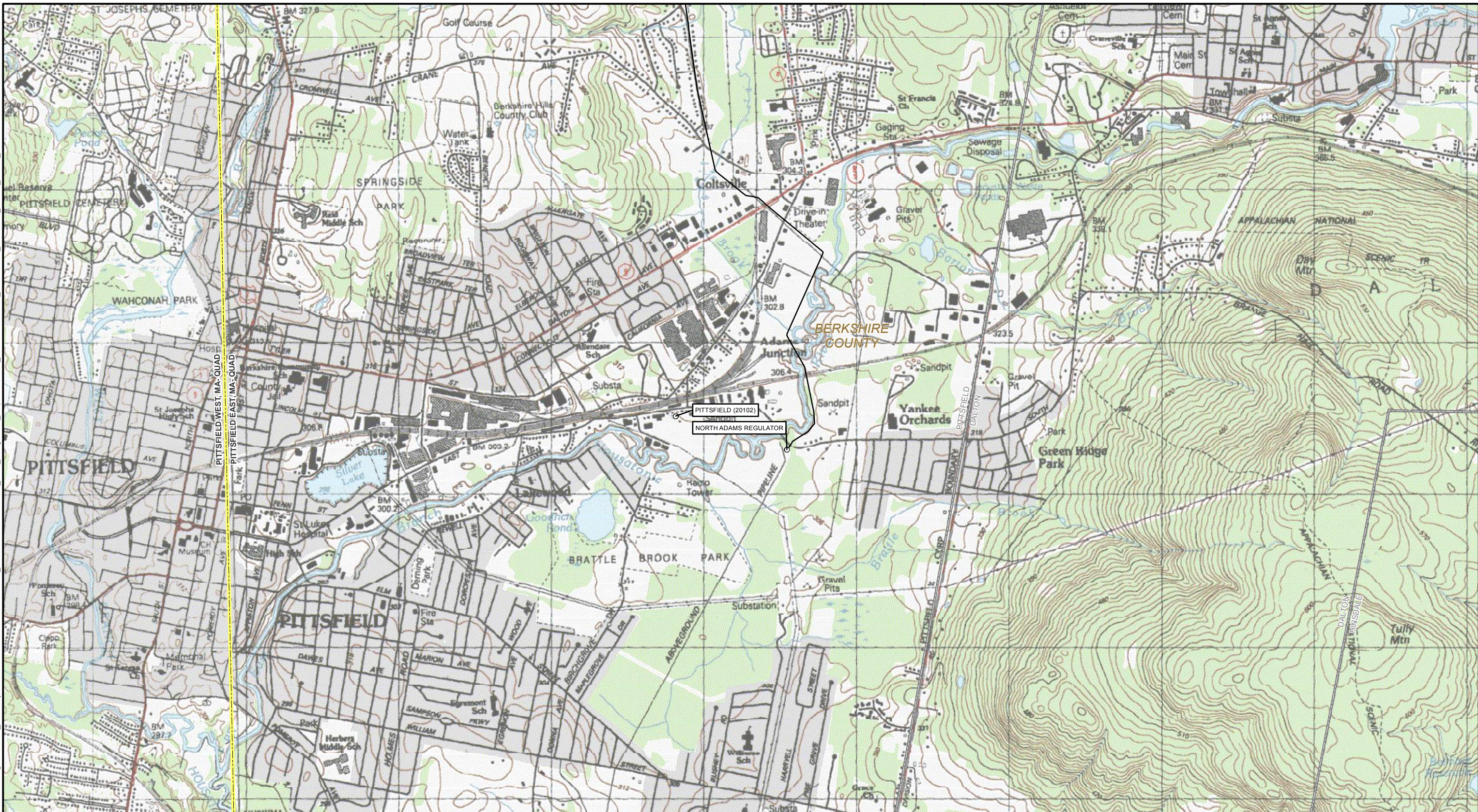
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- PROPOSED METER SITE
- EXISTING TGP PIPELINE
- ▭ MUNICIPAL BOUNDARY
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY
- ▭ USGS QUADRANGLE BOUNDARY

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 METER SITE QUAD MAPBOOK PITTSFIELD (20102) & NORTH ADAMS REGULATOR

BERKSHIRE COUNTY
MASSACHUSETTS



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