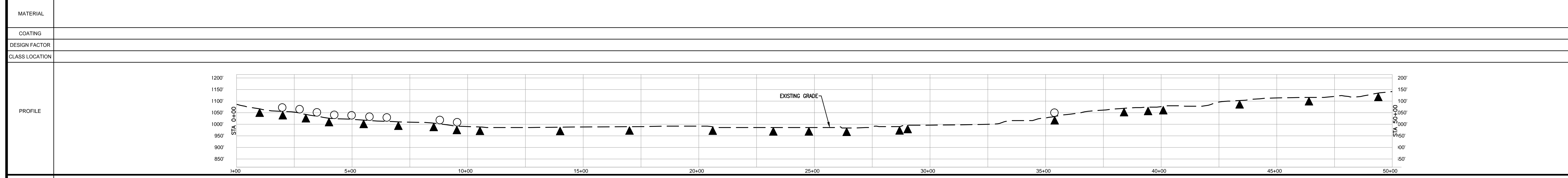
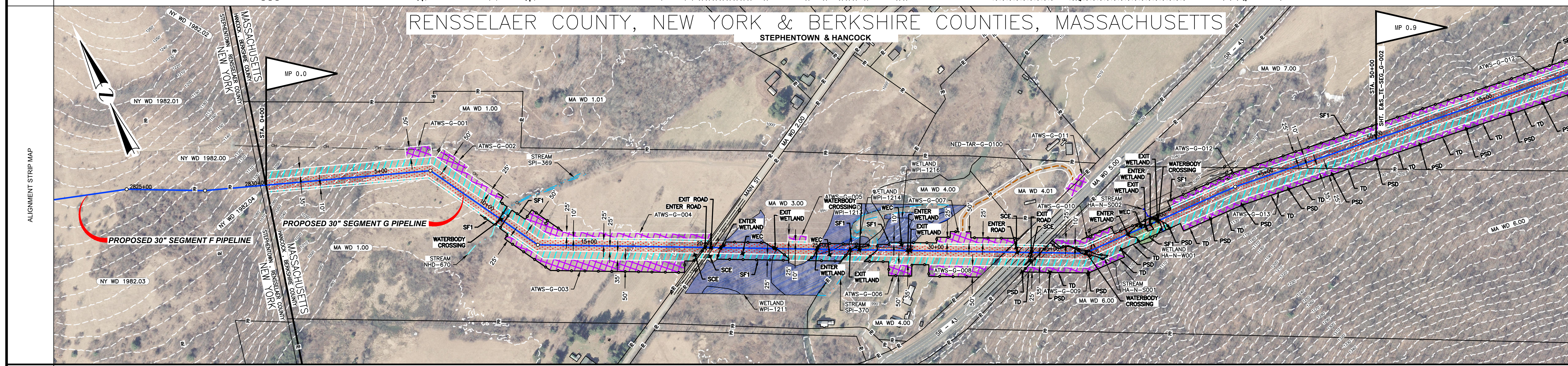


PROTECTION EASEMENT	
LINE LIST	<p>500+00 (MA WD 95.01)</p> <p>500+23 (MA WD 95.01)</p> <p>507+29 (MA WD 95.01)</p> <p>507+81 (MA WD 95.01)</p> <p>516+06 (MA WD 98.01)</p> <p>550+00 (MA WD 99.00)</p>
PIPELINE STATIONING	<p>0+00 BEGIN STA. MA WD 95.01</p> <p>0+00 MUNICIPAL LINE</p> <p>7+14 UTILITY POLE 96' LT.</p> <p>10+83 EDGE OF STREAM</p> <p>10+88 EDGE OF STREAM</p> <p>13+12 UTILITY POLE 93' LT.</p> <p>16+62 UTILITY POLE 192' RT.</p> <p>18+64 UTILITY POLE 97' RT.</p> <p>18+65 PROPERTY LINE</p> <p>20+42 EDGE OF PAVEMENT</p> <p>20+42 OVERHEAD POWER LINE</p> <p>20+48 EDGE OF PAVEMENT</p> <p>20+48 OVERHEAD POWER LINE</p> <p>20+49 PROPERTY LINE</p> <p>20+50 EDGE OF WETLAND</p> <p>21+49 UTILITY POLE 183' LT.</p> <p>23+06 EDGE OF WETLAND</p> <p>24+86 EDGE OF WETLAND</p> <p>25+62 EDGE OF WETLAND</p> <p>26+51 EDGE OF STREAM</p> <p>26+51 EDGE OF WETLAND</p> <p>26+51 PROPERTY LINE</p> <p>27+40 EDGE OF STREAM</p> <p>28+79 EDGE OF WETLAND</p> <p>28+80 EDGE OF WETLAND</p> <p>32+89 FENCE</p> <p>33+02 PROPERTY LINE</p> <p>33+34 EDGE OF PAVEMENT</p> <p>33+34 OVERHEAD POWER LINE</p> <p>33+35 EDGE OF SP</p> <p>34+13 EDGE OF PAVEMENT</p> <p>34+38 EDGE OF PAVEMENT</p> <p>34+53 PROPERTY LINE</p> <p>34+76 FENCE</p> <p>36+31 EDGE OF STREAM</p> <p>36+31 EDGE OF WETLAND</p> <p>36+42 EDGE OF STREAM</p> <p>36+71 GUY WIRE</p> <p>36+78 GUY WIRE</p> <p>36+82 UTILITY POLE 30' LT.</p> <p>36+88 UTILITY POLE 55' LT.</p> <p>36+88 GUY WIRE</p> <p>37+03 UTILITY POLE 82' LT.</p> <p>38+49 EDGE OF WETLAND</p> <p>38+49 EDGE OF WETLAND</p> <p>38+49 EDGE OF WETLAND</p> <p>38+49 EDGE OF WETLAND</p> <p>38+49 EDGE OF WETLAND</p> <p>38+49 EDGE OF WETLAND</p> <p>43+46 UTILITY POLE 46' LT.</p> <p>43+48 UTILITY POLE 72' LT.</p> <p>43+50 UTILITY POLE 89' LT.</p> <p>46+07 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

NOTES

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LEGEND

EXISTING PERMANENT EASEMENT	PROPOSED PERMANENT EASEMENT	PROPERTY LINE	MUNICIPAL LINE	WETLAND (PUBLIC)	WETLAND (PHOTO INTERPRETED)	WETLAND (DELINEATED)	STREAM (DELINEATED)	STREAM (PHOTO INTERPRETED)	STREAM (PUBLIC)	ACCESS ROAD	FENCE LINE
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REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

SCALE

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

AREA: HMM
DRAFTER: HMM
COORD: HMM

DATE: 01-12-15
DATE: 01-12-15

DESIGN COORD: HMM
PROJECT COORD: HMM
OPER: HMM
APPR: HMM

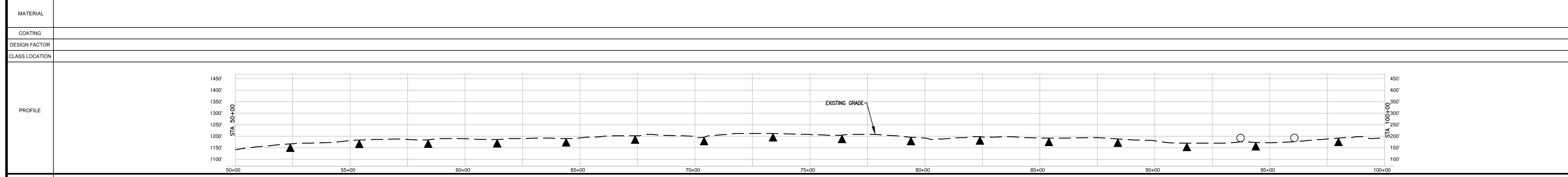
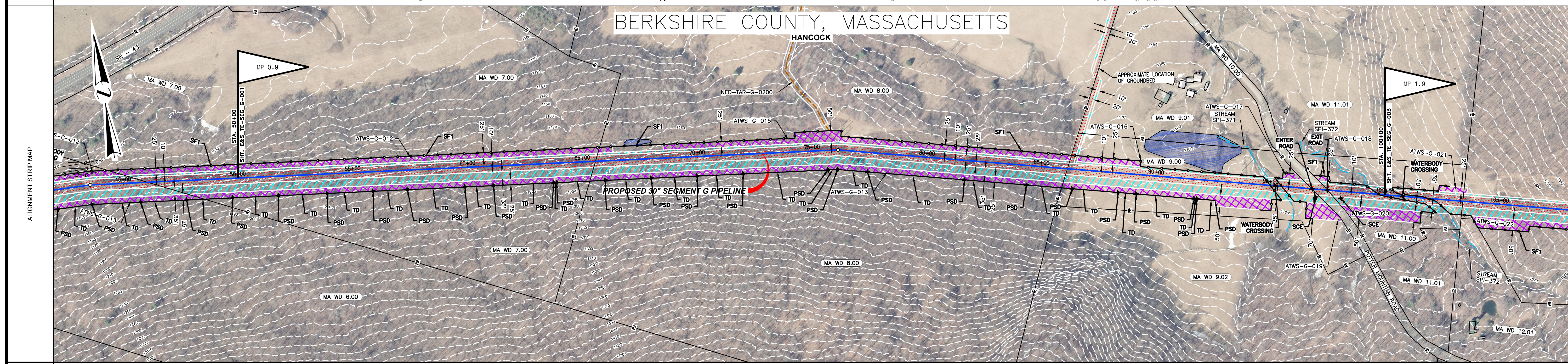
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DATE: DATE

SCALE: 1 = 200'
PROJ. ID: E&S_TE-SEG_G-001

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

NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
RENSSELAER COUNTY, NEW YORK & BERKSHIRE COUNTIES, MASSACHUSETTS

PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">MA WD 99.00</div> <div style="border: 1px solid black; padding: 2px;">MA WD 100.00</div> <div style="border: 1px solid black; padding: 2px;">MA WD 101.00</div> <div style="border: 1px solid black; padding: 2px;">MA WD 102.00</div> <div style="border: 1px solid black; padding: 2px;">MA WD 103.00</div> <div style="border: 1px solid black; padding: 2px;">MA WD 104.00 MA WD 105.00</div> </div>
PIPELINE STATIONING	<p style="text-align: center;">65+27 PROPERTY LINE</p> <p style="text-align: center;">78+12 EA. OF 22256' RL</p> <p style="text-align: center;">86+14 PROPERTY LINE</p> <p style="text-align: center;">95+14 EDGE OF STREAM 95+30 EDGE OF STREAM</p> <p style="text-align: center;">96+42 PROPERTY LINE 97+51 E. OF POTTER MOUNTAIN 97+49 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

- SLOPE BREAKERS ○
- TRENCH PLUG ▲

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LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PROPOSED PIPELINE
	TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		POTENTIAL STAGING AREA
	EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE
	EXISTING FIBER OPTIC LINE		PROPERTY LINE		WETLAND (PUBLIC)
	MUNICIPAL LINE		WETLAND (PHOTO INTERPRETED)		WETLAND (DELINEATED)
	STREAM (DELINEATED)		STREAM (PHOTO INTERPRETED)		ACCESS ROAD
	FENCE LINE		LIMITS OF DISTURBANCE		

REFERENCE DRAWINGS

TYPICALS

SCALE

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

AREA: _____

DIV: _____

DRAFTER: HMM

PROJECT COORD: HMM

DATE: 01-12-15

DATE: 01-12-15

DESIGN COORD: _____

OPER. APPR: _____

DATE: _____

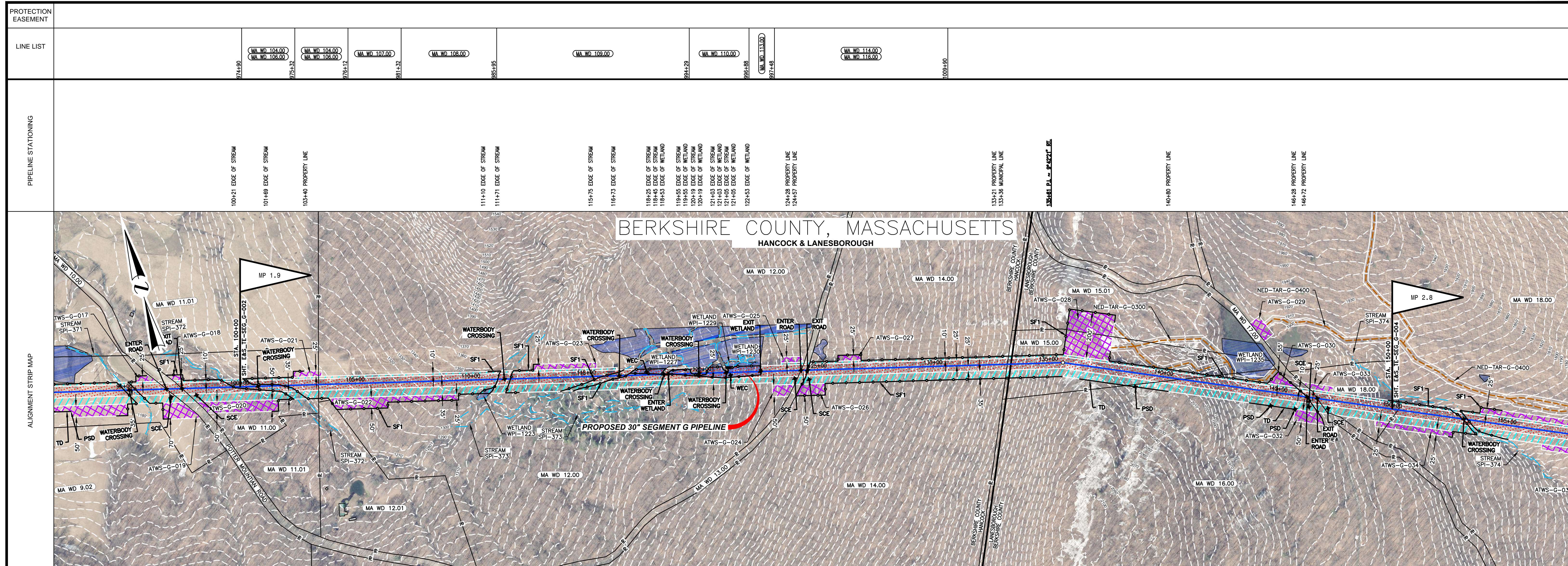
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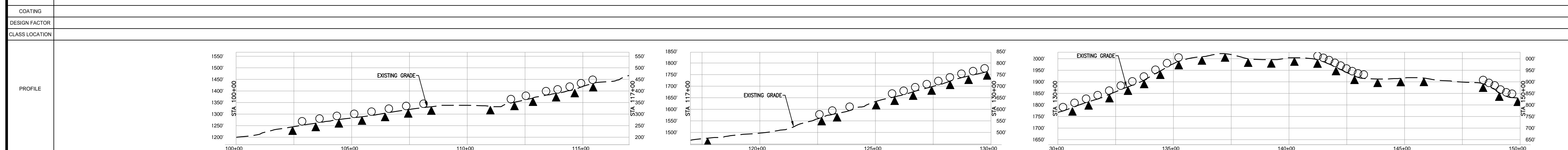
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Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company

NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
BERKSHIRE COUNTY, MASSACHUSETTS



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

- SLOPE BREAKERS (Circle)
- TRENCH PLUG (Triangle)

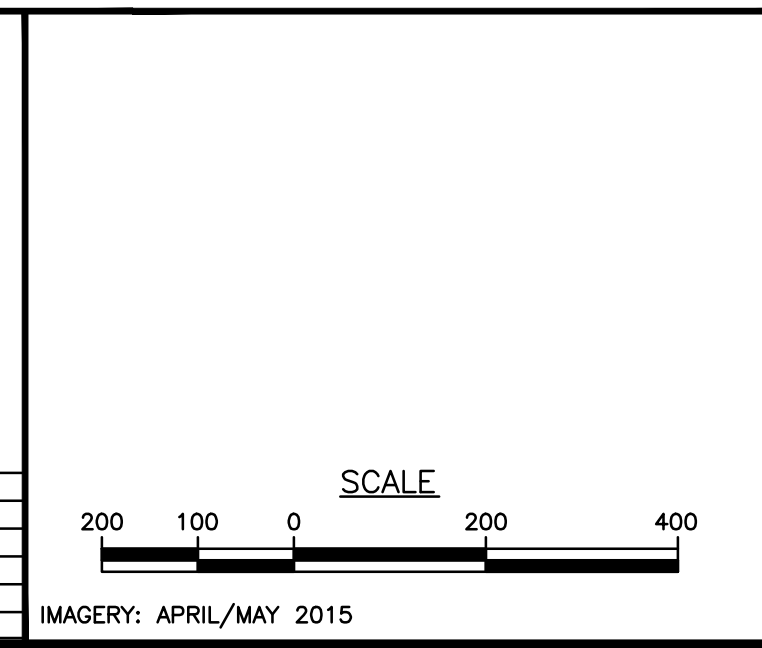
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LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PA HG3 400.00	LINE LIST NUMBER
	TEMPORARY WORKSPACE		PROPOSED PIPELINE			PROPERTY LINE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)		EXISTING TENNESSEE GAS PIPELINE			MUNICIPAL LINE
	POTENTIAL STAGING AREA		EXISTING FOREIGN PIPELINE			WETLAND (PUBLIC)
	LIMITS OF DISTURBANCE		OVERHEAD POWER LINE			WETLAND (PHOTO INTERPRETED)
			EXISTING FIBER OPTIC LINE			WETLAND (DELINEATED)
						STREAM (DELINEATED)
						STREAM (PHOTO INTERPRETED)
						STREAM (PUBLIC)
						ACCESS ROAD
						FENCE LINE

REFERENCE DRAWINGS

TYPICALS



REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

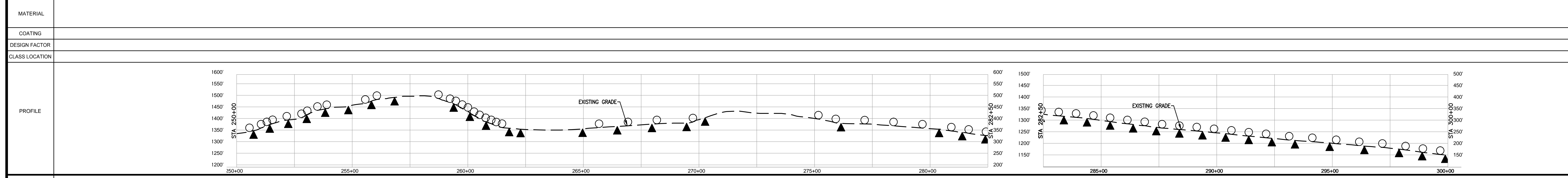
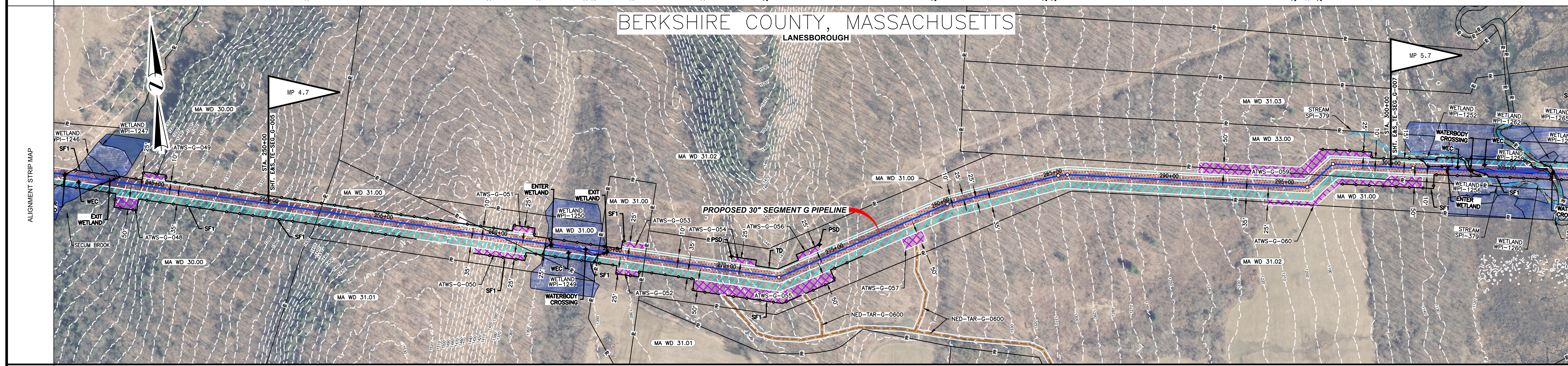
Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company

**NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
BERKSHIRE COUNTY, MASSACHUSETTS**

AREA:	DIV.:	DATE:	SCALE:	PROJ. ID.:
DRAFTER: HMM		01-12-15	1 = 200'	
DRAWN: HMM		01-12-15		
PROJECT COORD:				
OPER. APPR:				

E&S_TE-SEG_G-003 0

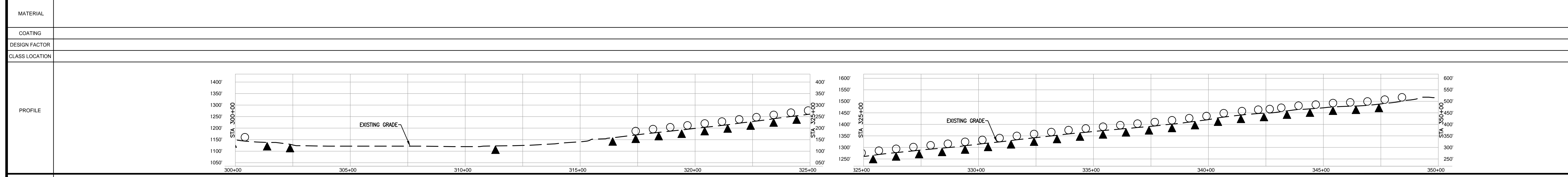
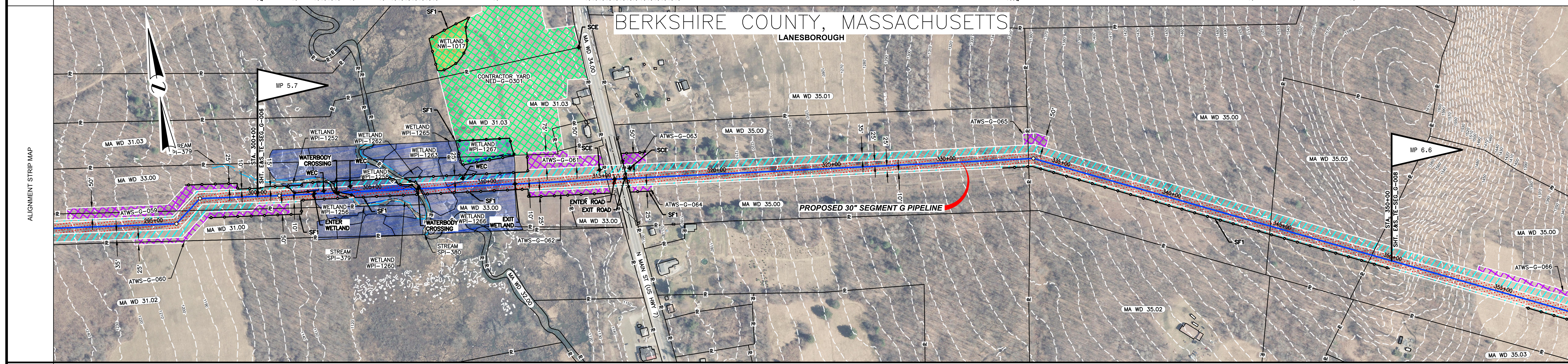
PROTECTION EASEMENT	
LINE LIST	<p>MA WD 132.00</p> <p>MA WD 134.00</p> <p>MA WD 135.00</p> <p>MA WD 136.00</p> <p>MA WD 137.00</p> <p>MA WD 138.00</p> <p>MA WD 139.00</p> <p>MA WD 140.00</p> <p>MA WD 141.00</p> <p>MA WD 142.00</p> <p>MA WD 143.00</p> <p>MA WD 144.00</p>
PIPELINE STATIONING	<p>262+25 PROPERTY LINE</p> <p>264+21 PROPERTY LINE</p> <p>262+37 EDGE OF WETLAND</p> <p>264+43 PROPERTY LINE</p> <p>264+78 EDGE OF WETLAND</p> <p>266+45 PROPERTY LINE</p> <p>269+56 E OF BRIDGE ST</p> <p>272+51 P.L. = 31+4377 LI.</p> <p>282+28 P.L. = 45+00007 RI.</p> <p>285+21 P.L. = 45+00007 RI.</p> <p>285+61 P.L. = 45+00007 RI.</p> <p>285+98 P.L. = 45+00007 LI.</p> <p>286+77 PROPERTY LINE</p> <p>287+50 P.L. = 45+00007 RI.</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

<p>NOTES</p> <ol style="list-style-type: none"> EXISTING TENNESSEE GAS PIPELINE PERMANENT EASEMENTS ARE NOT DEPICTED IN THEIR ENTIRETY. PUBLIC WETLANDS ARE OBTAINED FROM THE NATIONAL WETLAND INVENTORY (NWI) (AS DEFINED IN RESOURCE REPORT 2.3). PUBLIC STREAMS ARE OBTAINED FROM THE NATIONAL HYDROGRAPHY DATASET. (NHD) (AS DEFINED IN RESOURCE REPORT 2.2). PHOTO INTERPRETED WETLANDS AND STREAMS ARE THE RESULT OF A HIGH RESOLUTION PHOTOGRAPHIC INTERPOLATION. DELINEATED WETLANDS AND STREAMS ARE THE RESULT OF AN ENVIRONMENTAL GROUND SURVEY. PROPERTY LINES ARE BASED ON TAX MAPS AND ARE NOT THE RESULT OF A FULL BOUNDARY SURVEY. TRENCH PLUGS SHALL BE INSTALLED AT ALL ROAD CROSSINGS AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR. PERMANENT SLOPE BREAKERS SHOWN IN CULTIVATED AREAS AND LAWNS SHALL ONLY BE INSTALLED WITH THE LANDOWNER'S PERMISSION. 	<p>LEGEND</p> <table border="0"> <tr> <td></td> <td>EXISTING PERMANENT EASEMENT</td> <td></td> <td>PROPOSED PERMANENT EASEMENT</td> <td></td> <td>PROPOSED PIPELINE</td> </tr> <tr> <td></td> <td>TEMPORARY WORKSPACE</td> <td></td> <td>ADDITIONAL TEMPORARY WORKSPACE (ATWS)</td> <td></td> <td>EXISTING TENNESSEE GAS PIPELINE</td> </tr> <tr> <td></td> <td>POTENTIAL STAGING AREA</td> <td></td> <td>STREAM (DELINEATED)</td> <td></td> <td>EXISTING FOREIGN PIPELINE</td> </tr> <tr> <td></td> <td>STREAM (PHOTO INTERPRETED)</td> <td></td> <td>ACCESS ROAD</td> <td></td> <td>OVERHEAD POWER LINE</td> </tr> <tr> <td></td> <td>PROPERTY LINE</td> <td></td> <td>FENCE LINE</td> <td></td> <td>EXISTING FIBER OPTIC LINE</td> </tr> </table>		EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PROPOSED PIPELINE		TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		EXISTING TENNESSEE GAS PIPELINE		POTENTIAL STAGING AREA		STREAM (DELINEATED)		EXISTING FOREIGN PIPELINE		STREAM (PHOTO INTERPRETED)		ACCESS ROAD		OVERHEAD POWER LINE		PROPERTY LINE		FENCE LINE		EXISTING FIBER OPTIC LINE	<p>REFERENCE DRAWINGS</p> <p>TYPICALS</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO</th> <th>PROJ ID</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>CK</th> <th>APPR</th> </tr> </thead> <tbody> <tr> <td>0</td> <td></td> <td>ISSUE FOR FERC</td> <td>11/2015</td> <td>HMM</td> <td>HMM</td> <td></td> </tr> </tbody> </table>	NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR	0		ISSUE FOR FERC	11/2015	HMM	HMM		<p>AREA: HMM</p> <p>DIV: HMM</p> <p>DRAFTER: HMM</p> <p>COORD: HMM</p> <p>DATE: 01-12-15</p> <p>DATE: 01-12-15</p>	<p>Tennessee Gas Pipeline Company, L.L.C.</p> <p>a Kinder Morgan company</p>
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<p>NORTHEAST ENERGY DIRECT PROJECT</p> <p>PROPOSED 30" PIPELINE</p> <p>SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT</p> <p>EROSION & SEDIMENT CONTROL PLAN</p> <p>ALIGNMENT SHEET</p> <p>BERKSHIRE COUNTY, MASSACHUSETTS</p> <p>DESIGN COORD: HMM DATE: SCALE: 1 = 200' PROJ. ID: E&S_TE-SEG_G-006</p> <p>PROJECT COORD: HMM DATE: OPER. APPR: DATE: 0</p>																																																	

PROTECTION EASEMENT	
LINE LIST	<p>1194+00 MA WD 144.00 1188+25 MA WD 145.00 1174+15 MA WD 145.00 1183+25 MA WD 145.00 1208+00</p>
PIPELINE STATIONING	<p>300+06 P.L. = 12+30' W.C. II 302+46 EDGE OF WETLAND 303+42 EDGE OF STREAM 303+42 EDGE OF WETLAND 303+42 EDGE OF WETLAND 303+86 EDGE OF WETLAND 304+06 EDGE OF WETLAND 306+26 EDGE OF WETLAND 306+78 PROPERTY LINE 306+80 EDGE OF STREAM 307+08 EDGE OF WETLAND 307+08 EDGE OF WETLAND 307+13 PROPERTY LINE 308+29 EDGE OF WETLAND 311+22 EDGE OF WETLAND 315+23 PROPERTY LINE 315+53 UTILITY POLE 14' RT. 315+56 GROUND MANHOLE 315+59 OVERHEAD POWER LINE 315+73 UTILITY POLE 116' RT. 315+77 UTILITY POLE 177' LT. (S. HMT 7) 315+86 UTILITY POLE 51' RT. 315+89 EDGE OF PAVEMENT 316+08 PROPERTY LINE 316+10 OVERHEAD POWER LINE 316+13 UTILITY POLE 15' RT. 316+49 UTILITY POLE 157' RT. 333+38 PROPERTY LINE 333+70 P.L. = 12+30' W.C. II 344+51 PROPERTY LINE 349+10 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

- SLOPE BREAKERS ○
- TRENCH PLUG ▲

LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		POTENTIAL STAGING AREA		PROPOSED PIPELINE		EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE		EXISTING FIBER OPTIC LINE		
	LIMITS OF DISTURBANCE		PROPERTY LINE		MUNICIPAL LINE		WETLAND (PUBLIC)		WETLAND (PHOTO INTERPRETED)		WETLAND (DELINEATED)		STREAM (DELINEATED)		STREAM (PHOTO INTERPRETED)		STREAM (PUBLIC)		ACCESS ROAD		FENCE LINE

REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

SCALE

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

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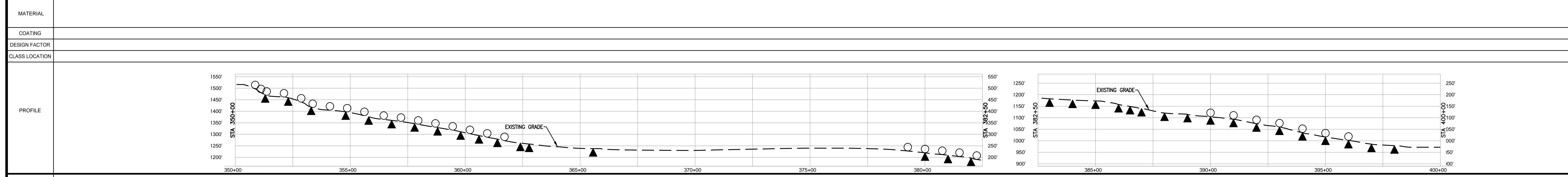
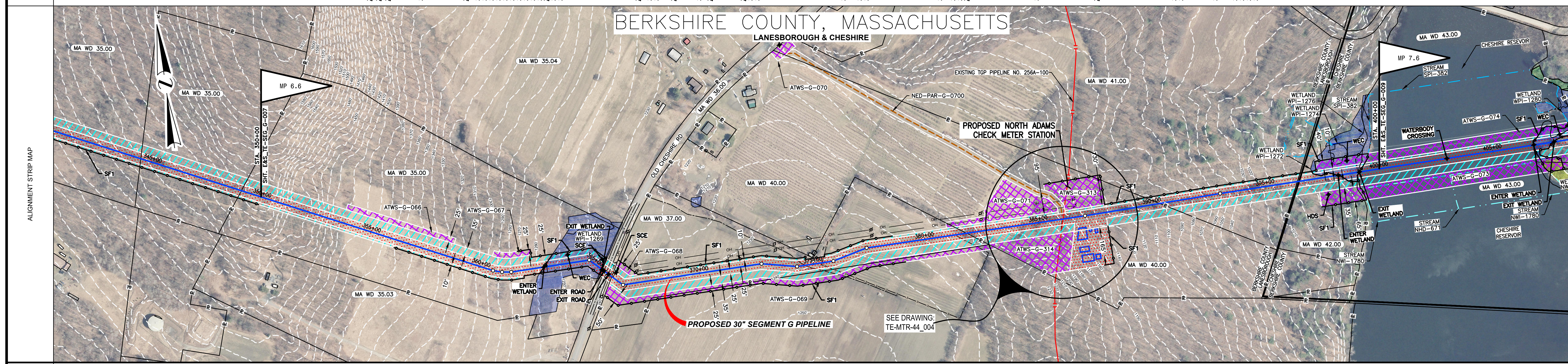
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**NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
BERKSHIRE COUNTY, MASSACHUSETTS**

DESIGN: DATE: SCALE: 1 = 200' PROJ. ID.:
COORD: DATE: E&S_TE-SEG_G-007 0
OPER: DATE:
APPR: DATE:

PROTECTION EASEMENT	
LINE LIST	<p>MA WD 145.00</p> <p>MA WD 146.00</p> <p>MA WD 148.00</p> <p>MA WD 151.01</p> <p>MA WD 151.00</p> <p>MA WD 152.00</p> <p>MA WD 153.00</p>
PIPELINE STATIONING	<p>364.58 P.L. = P. 4627' II.</p> <p>364.58 P.L. = P. 4627' II.</p> <p>364.58 P.L. = P. 4627' II.</p> <p>362+82 EDGE OF WETLAND</p> <p>364+44 UTILITY POLE 100' LT.</p> <p>365+46 PROPERTY LINE</p> <p>365+51 EDGE OF WETLAND</p> <p>365+61 EDGE OF PAVEMENT</p> <p>365+79 E. OF OLD CHESHIRE RD</p> <p>365+86 EDGE OF PAVEMENT</p> <p>365+86 OVERHEAD POWER LINE</p> <p>366+03 PROPERTY LINE</p> <p>366+04 UTILITY POLE 50' LT.</p> <p>367+32 UTILITY POLE 50' LT.</p> <p>367+32 UTILITY POLE 77' LT.</p> <p>372+23 P.L. = P. 17025' 6E.</p> <p>373+22 UTILITY POLE 90' LT.</p> <p>373+29 UTILITY POLE 64' LT.</p> <p>374+28 P.L. = P. 17000' II.</p> <p>375+39 FENCE</p> <p>376+38 P.L. = P. 17000' II.</p> <p>377+44 P.L. = P. 17265' 6E.</p> <p>377+74 UTILITY POLE 50' RT.</p> <p>377+74 UTILITY POLE 76' LT.</p> <p>381+83 PROPERTY LINE</p> <p>382+54 UTILITY POLE 50' LT.</p> <p>382+54 UTILITY POLE 77' LT.</p> <p>386+07 E. OF EXISTING TOP PIPELINE</p> <p>386+65 UTILITY POLE 80' LT.</p> <p>386+66 UTILITY POLE 50' LT.</p> <p>386+66 P.L. = P. 10052' II.</p> <p>390+33 PROPERTY LINE</p> <p>392+08 P.L. = P. 2345' 6E.</p> <p>396+39 PROPERTY LINE</p> <p>396+47 MUNICIPAL LINE</p> <p>398+20 EDGE OF WETLAND</p> <p>399+07 PROPERTY LINE</p> <p>399+08 EDGE OF WETLAND</p> <p>399+13 EDGE OF STREAM</p> <p>399+13 EDGE OF WETLAND</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

NOTES

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LEGEND

	EXISTING PERMANENT EASEMENT		PA HG3 400.00	LINE LIST NUMBER
	PROPOSED PERMANENT EASEMENT		— R —	PROPERTY LINE
	TEMPORARY WORKSPACE		— M —	MUNICIPAL LINE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)		— W —	WETLAND (PUBLIC)
	POTENTIAL STAGING AREA		— P —	WETLAND (PHOTO INTERPRETED)
	PROPOSED PIPELINE		— D —	WETLAND (DELINEATED)
	EXISTING TENNESSEE GAS PIPELINE		— S —	STREAM (DELINEATED)
	EXISTING FOREIGN PIPELINE		— I —	STREAM (PHOTO INTERPRETED)
	OVERHEAD POWER LINE		— A —	ACCESS ROAD
	EXISTING FIBER OPTIC LINE		— F —	FENCE LINE

REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

SCALE

IMAGERY: APRIL/MAY 2015

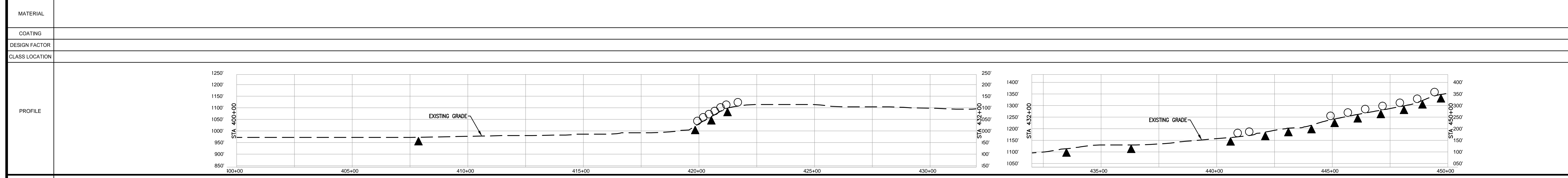
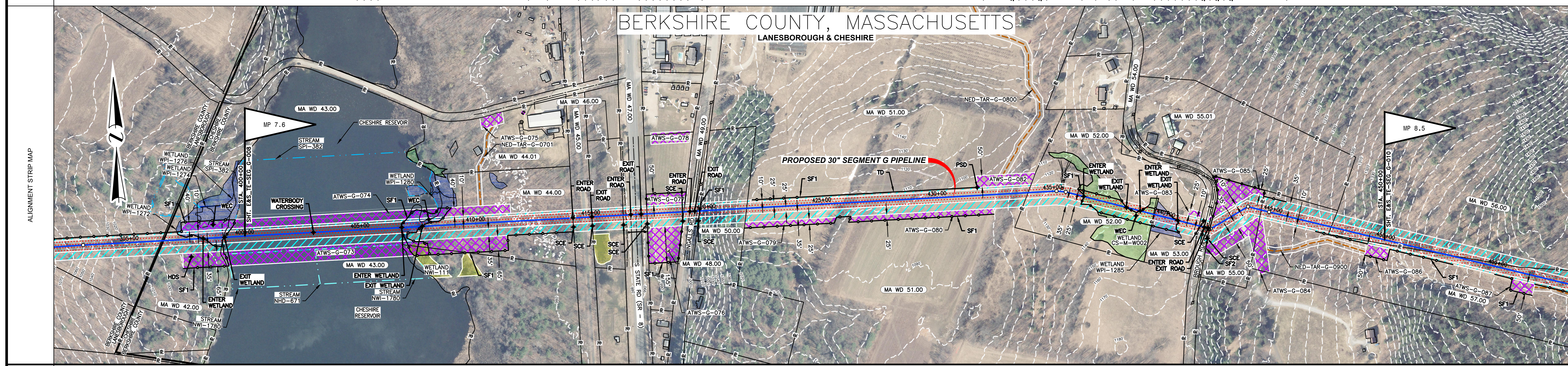
AREA: DIV.:
 DRAFTER: HMM DATE: 01-12-15
 DRAFT: HMM DATE: 01-12-15

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

**NORTHEAST ENERGY DIRECT PROJECT
 SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
 EROSION & SEDIMENT CONTROL PLAN
 ALIGNMENT SHEET
 BERKSHIRE COUNTY, MASSACHUSETTS**

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID:
 PROJECT COORD: DATE: E&S_TE-SEG_G-008
 OPER. APPR: DATE: 0

PROTECTION EASEMENT	
LINE LIST	<p>MA WD 152.00 MA WD 154.00</p> <p>MA WD 155.00</p> <p>MA WD 156.00</p> <p>MA WD 157.00</p> <p>MA WD 158.00</p> <p>MA WD 158.03</p>
PIPELINE STATIONING	<p>406+80 EDGE OF STREAM 406+80 EDGE OF WETLAND 406+80 PROPERTY LINE 407+69 EDGE OF WETLAND</p> <p>414+22 PROPERTY LINE 415+04 PROPERTY LINE</p> <p>416+39 PROPERTY LINE 416+51 EDGE OF PAVEMENT 416+72 EDGE OF PAVEMENT 416+84 E. OF S STATE RD (SR - 8) 417+17 EDGE OF PAVEMENT 417+42 PROPERTY LINE</p> <p>419+00 PROPERTY LINE 419+28 EDGE OF PAVEMENT 419+39 E. OF INCALLS RD 419+48 EDGE OF PAVEMENT 419+51 UTILITY POLE 60' RT. 419+51 PROPERTY LINE 419+82 UTILITY POLE 115' LT. 421+74 PROPERTY LINE</p> <p>433+93 PROPERTY LINE</p> <p>435+17 P.L. = P. 435' LT. 435+40 UTILITY POLE 15' LT. 435+40 UTILITY POLE 75' LT. 435+40 UTILITY POLE 115' LT. 435+40 P.L. = P. 435' LT. 436+37 EDGE OF WETLAND</p> <p>438+28 EDGE OF WETLAND 438+89 EDGE OF WETLAND 439+49 PROPERTY LINE 439+53 EDGE OF WETLAND 440+57 EDGE OF WETLAND</p> <p>441+50 PROPERTY LINE 441+75 EDGE OF GRAVEL 441+83 E. OF BROUGH RD 441+88 OVERHEAD POWER LINE 441+88 UTILITY POLE 80' RT. 441+83 UTILITY POLE 80' RT. 442+00 PROPERTY LINE 442+50 UTILITY POLE 104' LT. 442+50 UTILITY POLE 115' LT. 442+50 UTILITY POLE 115' LT. 444+50 PROPERTY LINE 444+50 P.L. = P. 442' LT.</p> <p>447+62 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
PROFILE	
ENVIRONMENTAL	
SOILS	

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LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PROPOSED PIPELINE
	TEMPORARY WORKSPACE		POTENTIAL STAGING AREA		EXISTING TENNESSEE GAS PIPELINE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE
	EXISTING TENNESSEE GAS PIPELINE		EXISTING FIBER OPTIC LINE		

REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
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SCALE

IMAGERY: APRIL/MAY 2015

AREA: DIV: Tennessee Gas Pipeline Company, L.L.C. (a Kinder Morgan company)

DRAFTER: HMM DATE: 01-12-15

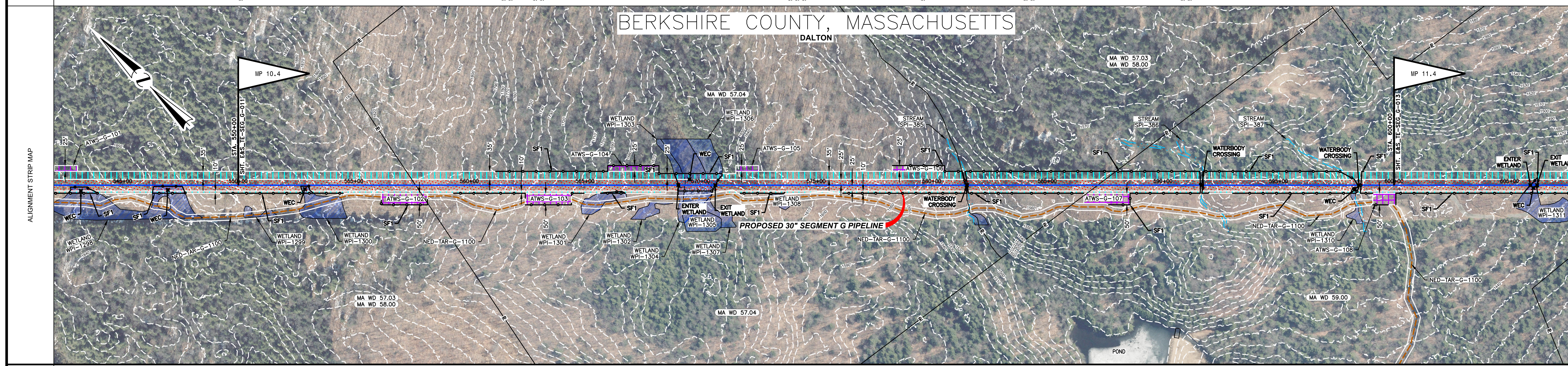
PROJECT COORD: HMM DATE: 01-12-15

**NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
BERKSHIRE COUNTY, MASSACHUSETTS**

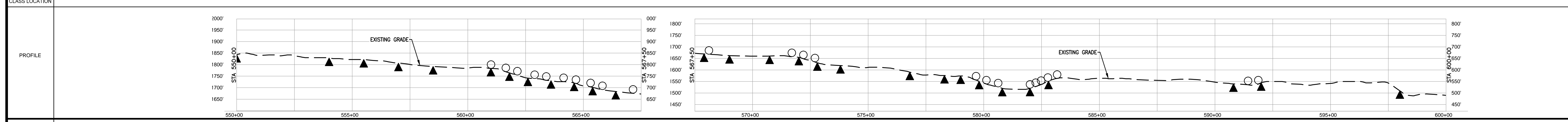
DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S_TE-SEG_G-009 0

OPER. APPR: DATE:

PROTECTION EASEMENT									
LINE LIST		MA WD 179.00		MA WD 180.00 MA WD 182.00 MA WD 184.00		MA WD 186.00		MA WD 185.00 MA WD 187.00	MA WD 188.00
PIPELINE STATIONING		557+67 PROPERTY LINE		568+04 EDGE OF WETLAND 569+32 EDGE OF WETLAND 570+40 EDGE OF WETLAND 570+64 EDGE OF WETLAND		581+44 PROPERTY LINE 581+50 EDGE OF STREAM 581+54 EDGE OF STREAM		581+62 EDGE OF STREAM 581+75 EDGE OF STREAM	588+42 EDGE OF STREAM 588+54 EDGE OF STREAM



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

- SLOPE BREAKERS ○
- TRENCH PLUG ▲

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LEGEND

EXISTING PERMANENT EASEMENT	PA HG3 400.00	LINE LIST NUMBER
PROPOSED PERMANENT EASEMENT	—E—	PROPERTY LINE
TEMPORARY WORKSPACE	—M—	MUNICIPAL LINE
ADDITIONAL TEMPORARY WORKSPACE (ATWS)	—W—	WETLAND (PUBLIC)
POTENTIAL STAGING AREA	—P—	WETLAND (PHOTO INTERPRETED)
PROPOSED PIPELINE	—S—	WETLAND (DELINEATED)
EXISTING TENNESSEE GAS PIPELINE	—D—	STREAM (DELINEATED)
EXISTING FOREIGN PIPELINE	—O—	STREAM (PHOTO INTERPRETED)
OVERHEAD POWER LINE	—F—	ACCESS ROAD
EXISTING FIBER OPTIC LINE	—X—	FENCE LINE

REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

SCALE

SCALE: 1" = 200'

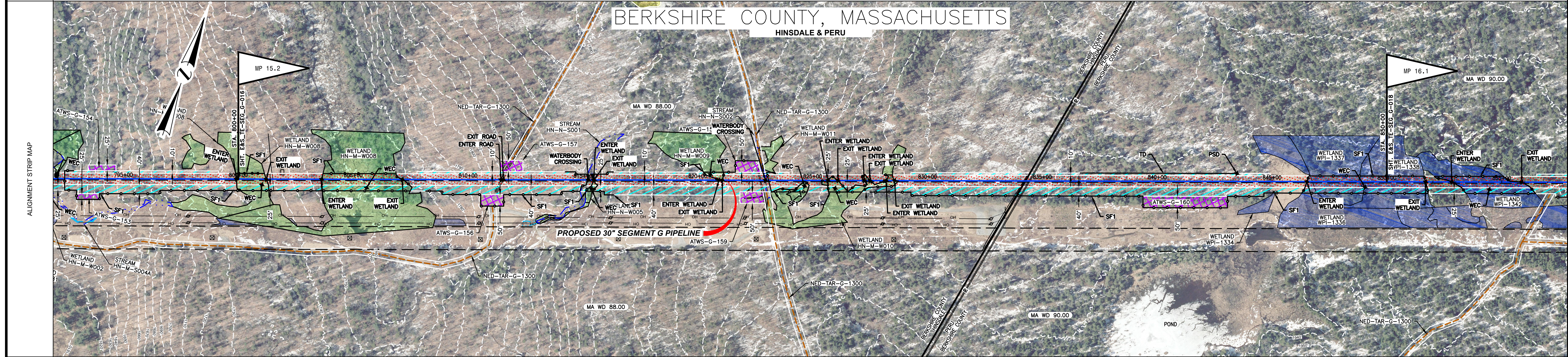
IMAGERY: APRIL/MAY 2015

AREA: DIV: Tennessee Gas Pipeline Company, L.L.C. (a Kinder Morgan company)

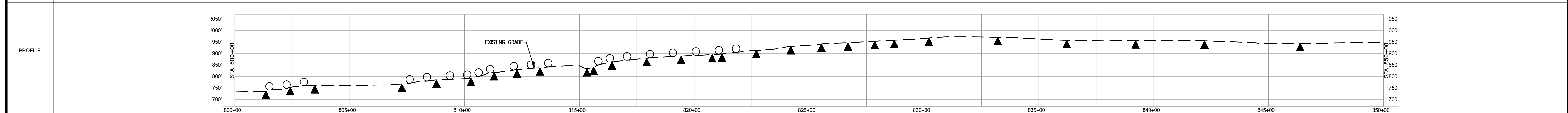
DESIGN COORD: DATE: PROJECT COORD: DATE: OPER. APPR: DATE:

SCALE: 1" = 200' **PROJ. ID.:** E&S_TE-SEG_G-012 **0**

PROTECTION EASEMENT	
LINE LIST	<p>1699+90</p> <p>(MA WD 221.00)</p> <p>1677+15</p> <p>(MA WD 222.00)</p> <p>1679+10</p> <p>(MA WD 223.00)</p> <p>1695+69</p> <p>1695+90</p>
PIPELINE STATIONING	<p>801+22 EDGE OF WETLAND 801+50 WALL</p> <p>803+63 EDGE OF WETLAND 803+85 UNILITY POLE 162' RT. 803+65 UNILITY POLE 190' RT.</p> <p>807+14 EDGE OF WETLAND</p> <p>810+47 UNILITY POLE 161' RT. 810+48 UNILITY POLE 188' RT.</p> <p>811+43 EDGE OF GRAVEL 811+54 EDGE OF GRAVEL</p> <p>815+20 EDGE OF STREAM 815+47 EDGE OF STREAM 815+49 EDGE OF WETLAND 815+49 UNILITY POLE 164' RT. 816+21 UNILITY POLE 187' RT.</p> <p>820+92 EDGE OF WETLAND 821+07 EDGE OF WETLAND</p> <p>822+05 UNILITY POLE 167' RT. 822+08 UNILITY POLE 188' RT. 822+69 WALL 822+69 EDGE OF STREAM 822+68 EDGE OF DITCH 823+00 EDGE OF STREAM</p> <p>825+67 EDGE OF WETLAND 826+10 EDGE OF WETLAND</p> <p>827+24 EDGE OF WETLAND 827+50 EDGE OF WETLAND</p> <p>828+05 UNILITY POLE 188' RT. 828+06 UNILITY POLE 162' RT. 828+06 UNILITY POLE 162' RT. 828+06 UNILITY POLE 162' RT. 828+57 EDGE OF WETLAND</p> <p>832+77 UNILITY POLE 165' RT. 832+78 UNILITY POLE 187' RT.</p> <p>834+19 WALL 834+22 WALL 834+25 MUNICIPAL LINE 834+25 MUNICIPAL LINE 834+48 PROPERTY LINE</p> <p>846+52 EDGE OF WETLAND 846+76 EDGE OF WETLAND</p> <p>848+81 EDGE OF WETLAND</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



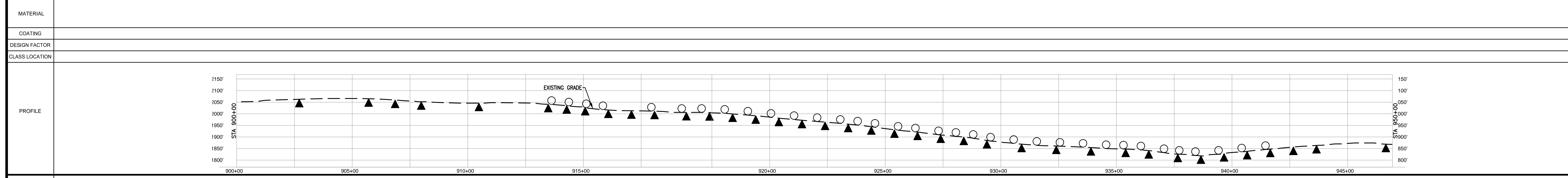
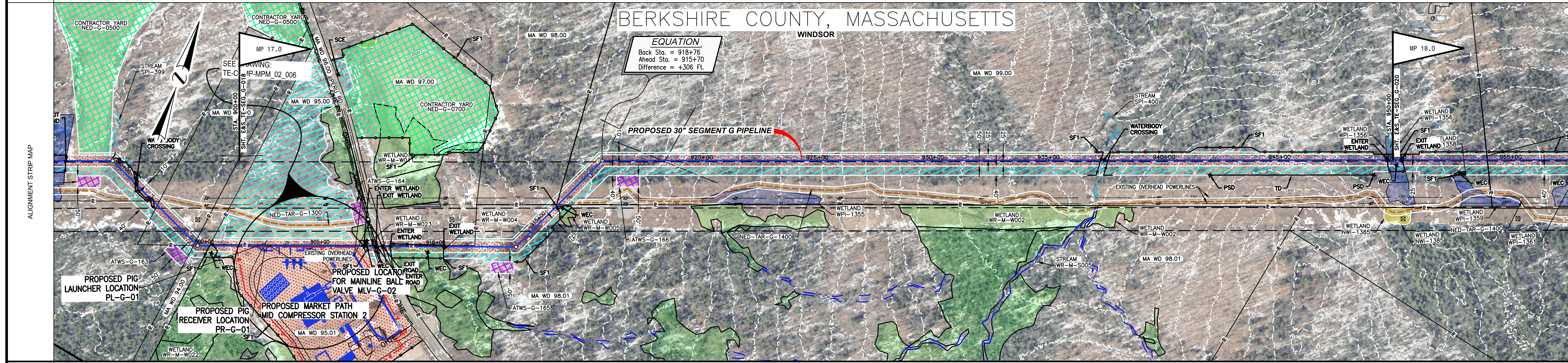
ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

- SLOPE BREAKERS (circle symbol)
- TRENCH PLUG (triangle symbol)

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		NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR										
0		ISSUE FOR FERC	11/2015	HMM	HMM													
<p>IMAGERY: APRIL/MAY 2015</p> <p>SCALE: 200 100 0 200 400</p>																		

PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>906+84 UTILITY POLE 200' LT.</p> <p>906+90 EDGE OF WETLAND</p> <p>907+03 EDGE OF WETLAND</p> <p>907+34 EDGE OF WETLAND</p> <p>907+34 OVERHEAD POWER LINE</p> <p>907+44 EDGE OF WETLAND</p> <p>907+55 E. OF ROAD RD</p> <p>908+05 EDGE OF WETLAND</p> <p>910+37 EDGE OF WETLAND</p> <p>910+43 UTILITY POLE 163' RT.</p> <p>913+58 P.L. = 4621572 LT.</p> <p>914+43 FOREIGN EASEMENT</p> <p>915+85 FOREIGN EASEMENT</p> <p>916+06 PROPERTY LINE</p> <p>916+08 OVERHEAD POWER LINE</p> <p>916+47 OVERHEAD POWER LINE</p> <p>918+08 FOREIGN EASEMENT</p> <p>918+20 P.L. = 4620007 RT.</p> <p>916+72 UTILITY POLE 163' RT.</p> <p>916+72 UTILITY POLE 189' RT.</p> <p>916+08 WALL</p> <p>918+41 WALL</p> <p>921+47 UTILITY POLE 164' RT.</p> <p>921+47 UTILITY POLE 189' RT.</p> <p>925+96 UTILITY POLE 189' RT.</p> <p>925+99 UTILITY POLE 163' RT.</p> <p>932+11 UTILITY POLE 163' RT.</p> <p>932+12 UTILITY POLE 189' RT.</p> <p>937+34 EDGE OF STREAM</p> <p>937+50 EDGE OF STREAM</p> <p>939+76 UTILITY POLE 189' RT.</p> <p>939+77 UTILITY POLE 163' RT.</p> <p>944+96 UTILITY POLE 163' RT.</p> <p>944+96 UTILITY POLE 189' RT.</p> <p>949+68 UTILITY POLE 163' RT.</p> <p>949+68 UTILITY POLE 189' RT.</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

SLOPE BREAKERS ○

TRENCH PLUG ▲

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LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PROPOSED PIPELINE
	TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		POTENTIAL STAGING AREA
	EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE
	EXISTING FIBER OPTIC LINE		PROPERTY LINE		MUNICIPAL LINE
	WETLAND (PUBLIC)		WETLAND (PHOTO INTERPRETED)		WETLAND (DELINEATED)
	STREAM (DELINEATED)		STREAM (PHOTO INTERPRETED)		ACCESS ROAD
	FENCE LINE				

REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

SCALE

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

AREA: DIV.:

DRAFTER: HMM DATE: 01-12-15

DRAFT: HMM DATE: 01-12-15

COORD:

PROJECT:

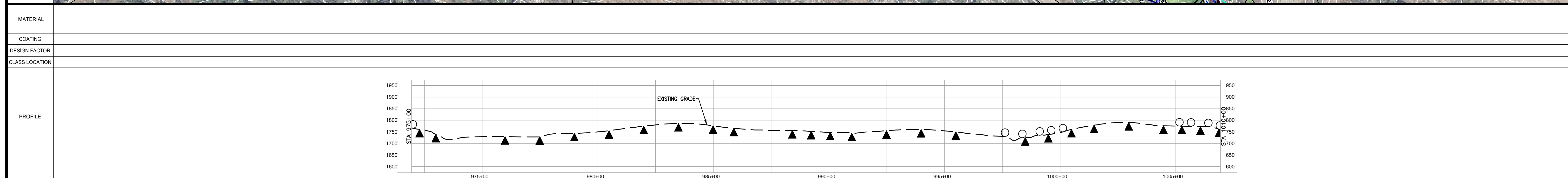
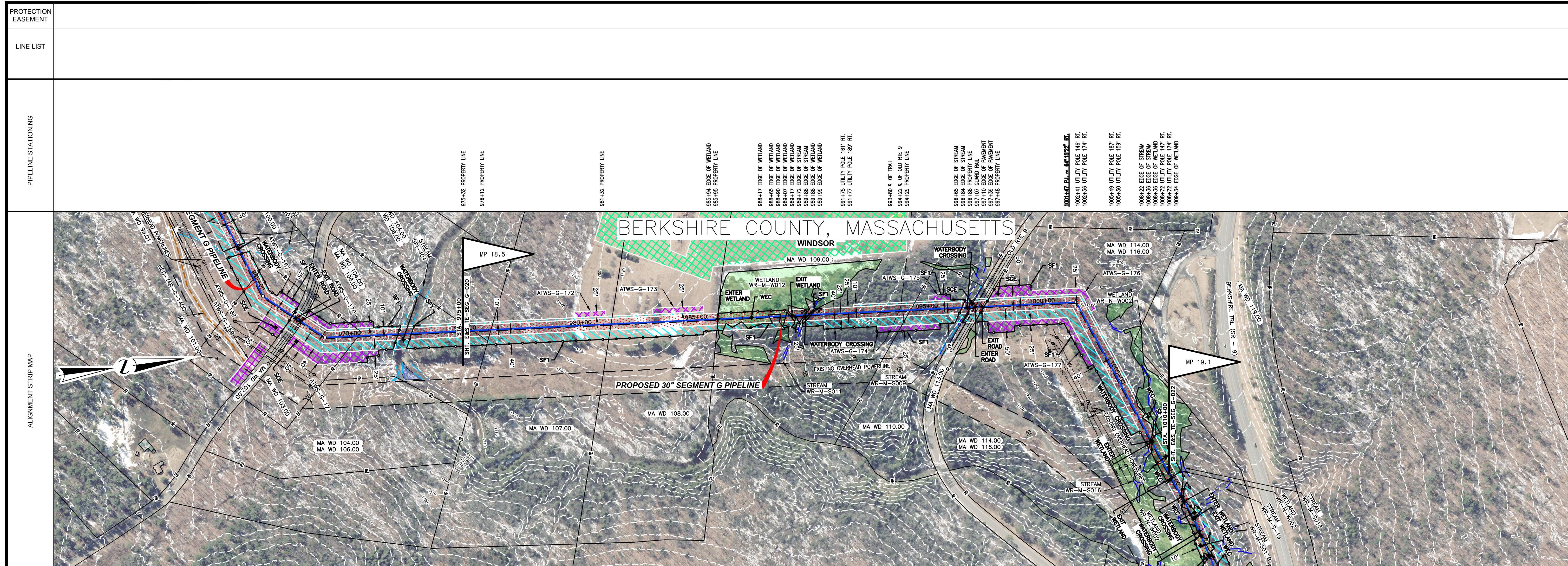
OPER.:

APPR.:

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

NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
BERKSHIRE COUNTY, MASSACHUSETTS

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S_TE-SEG_G-019 0



ENVIRONMENTAL	
SOILS	

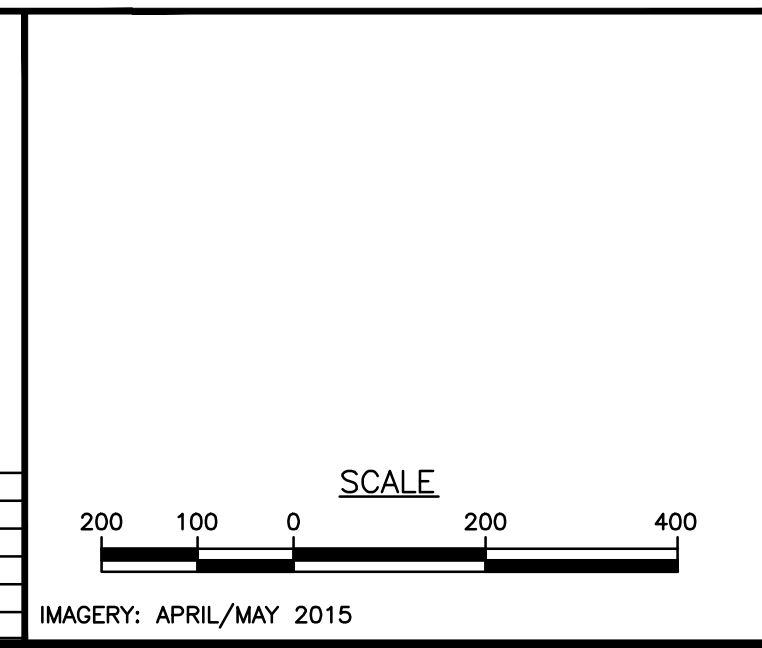
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LEGEND	
	EXISTING PERMANENT EASEMENT
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORKSPACE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)
	POTENTIAL STAGING AREA
	PROPOSED PIPELINE
	EXISTING TENNESSEE GAS PIPELINE
	EXISTING FOREIGN PIPELINE
	OVERHEAD POWER LINE
	EXISTING FIBER OPTIC LINE
	PROPERTY LINE
	MUNICIPAL LINE
	WETLAND (PUBLIC)
	WETLAND (PHOTO INTERPRETED)
	WETLAND (DELINEATED)
	STREAM (DELINEATED)
	STREAM (PHOTO INTERPRETED)
	STREAM (PUBLIC)
	ACCESS ROAD
	FENCE LINE

REFERENCE DRAWINGS

TYPICALS



REVISIONS

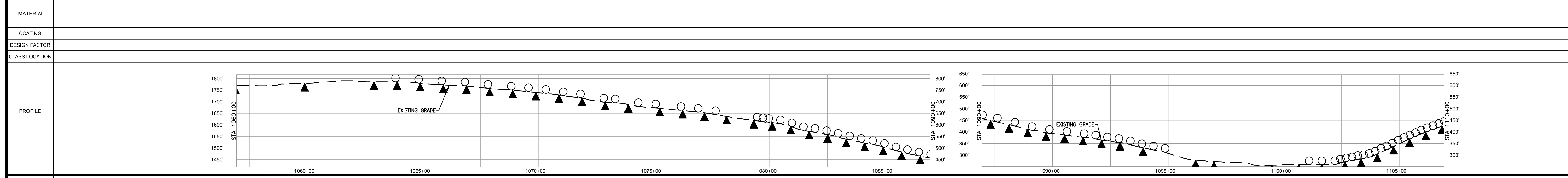
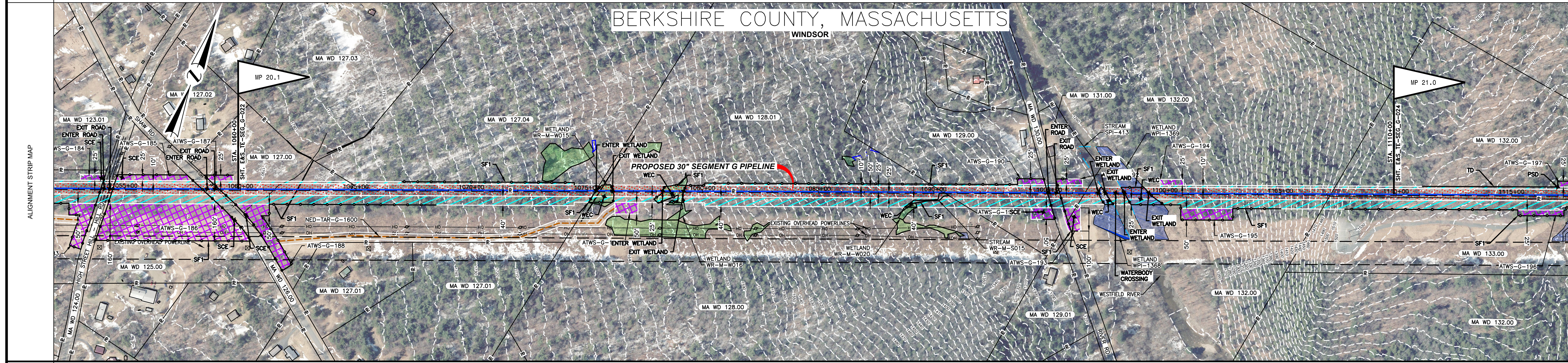
NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

AREA:	DIV.:	
DRAFTER: HMM	DATE: 01-12-15	
DRAFT. COORD: HMM	DATE: 01-12-15	

**NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
BERKSHIRE COUNTY, MASSACHUSETTS**

DESIGN COORD:	DATE:	SCALE: 1 = 200'	PROJ. ID.:
PROJECT COORD:	DATE:		
OPER. APPR:	DATE:	E&S_TE-SEG_G-021	0

PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>1064+92 UTILITY POLE 187' RT. 1061+48 E. OF TRAIL 1061+80 UTILITY POLE 187' RT. 1061+81 UTILITY POLE 188' RT. 1062+47 WALL</p> <p>1064+78 PROPERTY LINE</p> <p>1067+21 UTILITY POLE 187' RT. 1067+21 UTILITY POLE 188' RT.</p> <p>1072+10 UTILITY POLE 188' RT. 1072+11 UTILITY POLE 187' RT.</p> <p>1075+38 PROPERTY LINE 1075+39 EDGE OF WETLAND 1075+40 PROPERTY LINE 1075+73 PROPERTY LINE 1076+11 EDGE OF WETLAND</p> <p>1078+16 UTILITY POLE 181' RT. 1078+16 UTILITY POLE 188' RT. 1078+27 EDGE OF WETLAND 1078+18 EDGE OF WETLAND</p> <p>1082+30 UTILITY POLE 187' RT. 1082+30 UTILITY POLE 188' RT.</p> <p>1086+71 UTILITY POLE 187' RT. 1086+71 UTILITY POLE 188' RT.</p> <p>1094+41 PROPERTY LINE</p> <p>1091+60 UTILITY POLE 177' RT. 1091+61 UTILITY POLE 147' RT. 1092+21 E. OF RIVER RD</p> <p>1094+92 PROPERTY LINE 1095+44 PROPERTY LINE</p> <p>1096+54 PROPERTY LINE 1097+12 EDGE OF WETLAND 1097+42 EDGE OF STREAM 1097+42 EDGE OF WETLAND 1098+24 EDGE OF STREAM 1098+24 EDGE OF WETLAND 1099+31 EDGE OF WETLAND</p> <p>1107+18 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
PROFILE	
ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

SLOPE BREAKERS ○

TRENCH PLUG ▲

NOTES

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LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PROPOSED PIPELINE
	TEMPORARY WORKSPACE		POTENTIAL STAGING AREA		EXISTING TENNESSEE GAS PIPELINE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE
	EXISTING TENNESSEE GAS PIPELINE		EXISTING FIBER OPTIC LINE		

REFERENCE DRAWINGS

TYPICALS

REVISIONS

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SCALE

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

AREA: DIV:

DRAFTER: HMM DATE: 01-12-15

DRAFT: HMM DATE: 01-12-15

COORD: HMM

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

NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
BERKSHIRE COUNTY, MASSACHUSETTS

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID.: E&S_TE-SEG_G-023 0

PROJECT COORD: DATE: OPER. APPR: DATE:

PROTECTION EASEMENT

LINE LIST

PIPELINE STATIONING

ALIGNMENT STRIP MAP

MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE

ENVIRONMENTAL

SOILS

11184-35 EDGE OF WETLAND
 11194-09 EDGE OF WETLAND
 11194-30 EDGE OF WETLAND
 11194-60 EDGE OF WETLAND

11244-84 PROPERTY LINE
 11254-42 PROPERTY LINE

11294-10 PROPERTY LINE
 11294-31 COUNTY LINE
 11294-31 MUNICIPAL LINE
 11304-51 PROPERTY LINE

11334-01 E OF WINDSOR AVE
 11344-23 E OF WEST ST

11354-62 PROPERTY LINE
 11354-68 UTILITY POLE 61' LT.
 11354-72 PROPERTY LINE
 11354-88 EDGE OF PAVEMENT
 11354-90 EDGE OF PAVEMENT
 11364-10 EDGE OF PAVEMENT
 11364-23 PROPERTY LINE
 11364-31 UTILITY POLE 66' RT.
 11364-55 EDGE OF WETLAND
 11364-81 PROPERTY LINE
 11374-01 EDGE OF WETLAND
 11374-02 EDGE OF PAVEMENT
 11374-04 EXISTING COLLECTOR
 11374-24 EDGE OF WETLAND
 11374-31 EDGE OF PAVEMENT
 11374-49 PROPERTY LINE
 11374-55 EDGE OF WETLAND
 11374-85 UTILITY POLE 115' LT.
 11384-06 EDGE OF GRAVEL
 11384-32 EDGE OF STREAM
 11384-33 EDGE OF STREAM
 11384-35 EDGE OF STREAM
 11404-51 EDGE OF STREAM
 11414-74 UTILITY POLE 148' RT.
 11424-23 EDGE OF STREAM
 11424-48 EDGE OF STREAM

11464-30 WALL

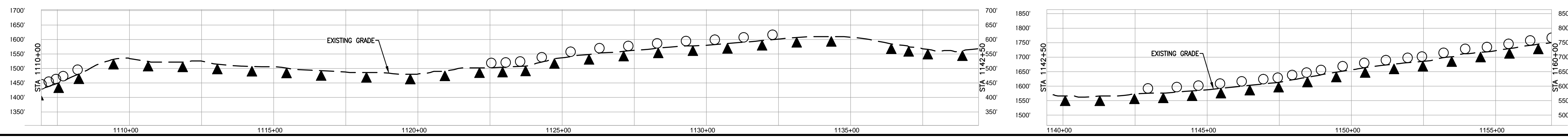
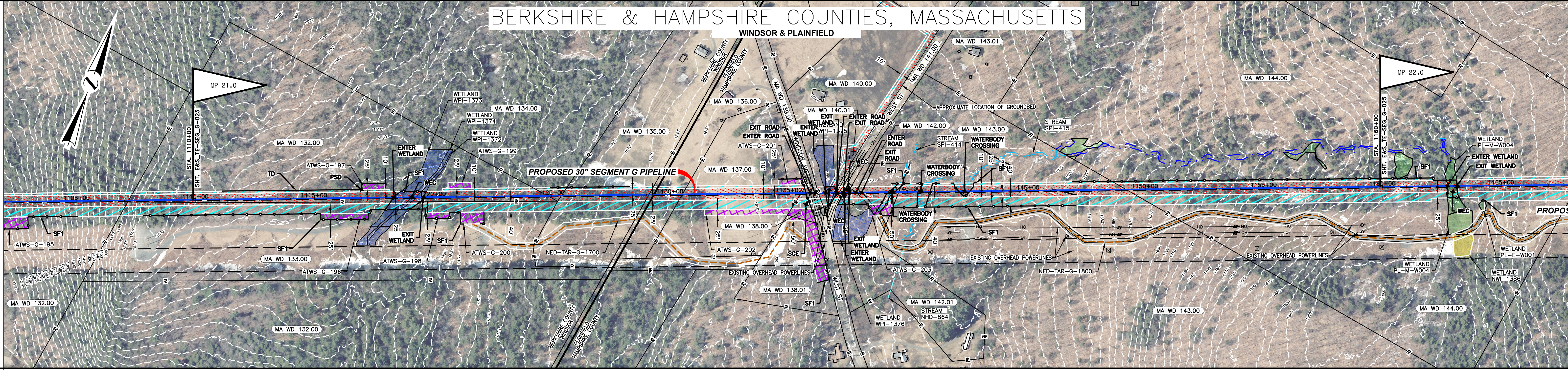
11484-90 UTILITY POLE 161' RT.
 11484-92 UTILITY POLE 161' RT.
 11484-93 UTILITY POLE 161' RT.
 11484-94 UTILITY POLE 161' RT.
 11484-95 UTILITY POLE 161' RT.

11534-80 UTILITY POLE 169' RT.
 11534-79 UTILITY POLE 169' RT.
 11534-78 UTILITY POLE 169' RT.
 11534-80 UTILITY POLE 161' RT.

11594-12 UTILITY POLE 160' RT.
 11594-13 UTILITY POLE 160' RT.
 11594-14 UTILITY POLE 160' RT.

BERKSHIRE & HAMPSHIRE COUNTIES, MASSACHUSETTS

WINDSOR & PLAINFIELD



PROFILE LEGEND
 SLOPE BREAKERS ○
 TRENCH PLUG ▲

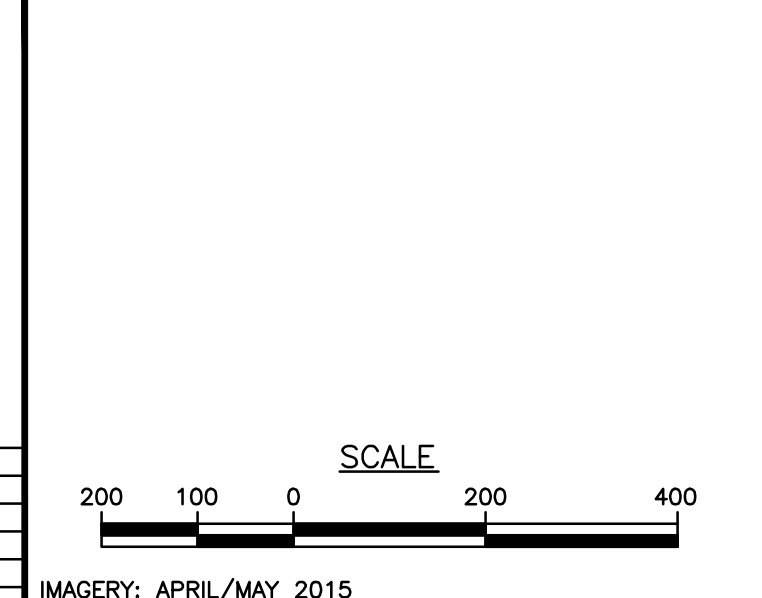
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LEGEND

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	TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		POTENTIAL STAGING AREA
	EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE
	EXISTING FIBER OPTIC LINE		PROPERTY LINE		MUNICIPAL LINE
	WETLAND (PUBLIC)		WETLAND (PHOTO INTERPRETED)		WETLAND (DELINEATED)
	STREAM (DELINEATED)		STREAM (PHOTO INTERPRETED)		ACCESS ROAD
	FENCE LINE		LIMITS OF DISTURBANCE		

REFERENCE DRAWINGS

TYPICALS



REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

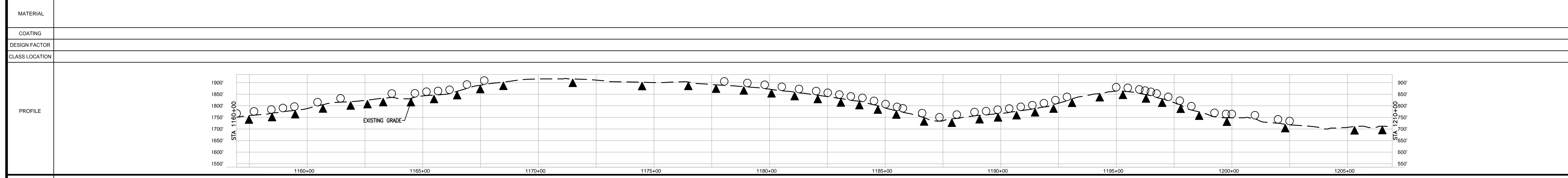
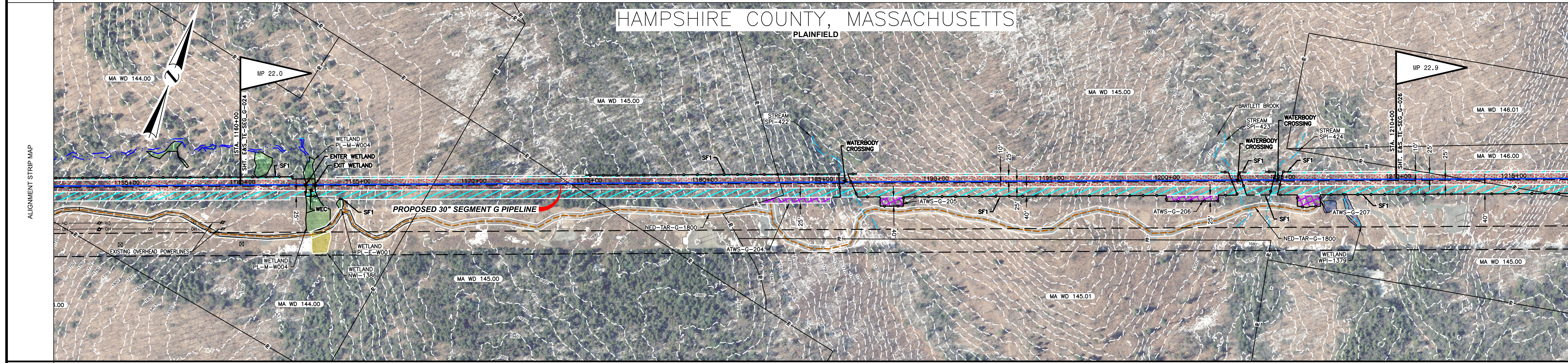
Tennessee Gas Pipeline Company, L.L.C.
 a Kinder Morgan company

**NORTHEAST ENERGY DIRECT PROJECT
 PROPOSED 30" PIPELINE
 SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
 EROSION & SEDIMENT CONTROL PLAN
 ALIGNMENT SHEET
 BERKSHIRE & HAMPSHIRE COUNTIES, MASSACHUSETTS**

AREA: DIV: DATE: 01-12-15
 DRAFTER: HMM DATE: 01-12-15
 DRAFT: HMM
 COORD: HMM

DESIGN: DATE: SCALE: 1" = 200'
 COORD: DATE: PROJ. ID:
 PROJECT: DATE: E&S_TE-SEG_G-024
 OPER: DATE: 0
 APPR: DATE: 0

PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

SLOPE BREAKERS ○

TRENCH PLUG ▲

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	TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		POTENTIAL STAGING AREA
	EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE
	EXISTING FIBER OPTIC LINE		PROPERTY LINE		MUNICIPAL LINE
	WETLAND (PUBLIC)		WETLAND (PHOTO INTERPRETED)		WETLAND (DELINEATED)
	STREAM (DELINEATED)		STREAM (PHOTO INTERPRETED)		STREAM (PUBLIC)
	ACCESS ROAD		FENCE LINE		

REFERENCE DRAWINGS

TYPICALS

SCALE

IMAGERY: APRIL/MAY 2015

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

AREA: _____

DIV: _____

DRAFTER: HMM

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DRAFT: HMM

COORD: HMM

DATE: 01-12-15

DESIGN COORD: _____

DATE: _____

PROJECT COORD: _____

DATE: _____

OPER: _____

DATE: _____

APPR: _____

DATE: _____

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

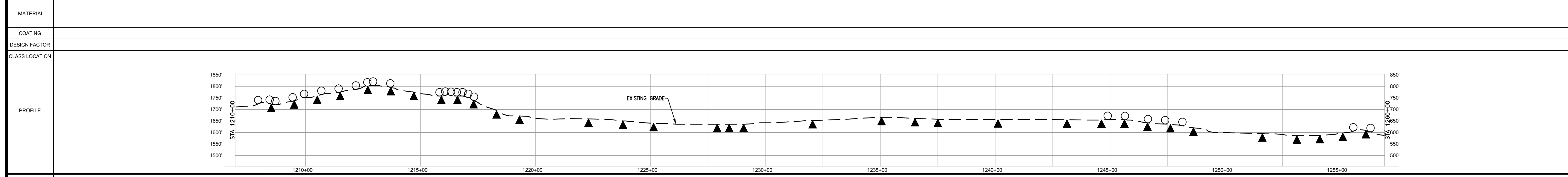
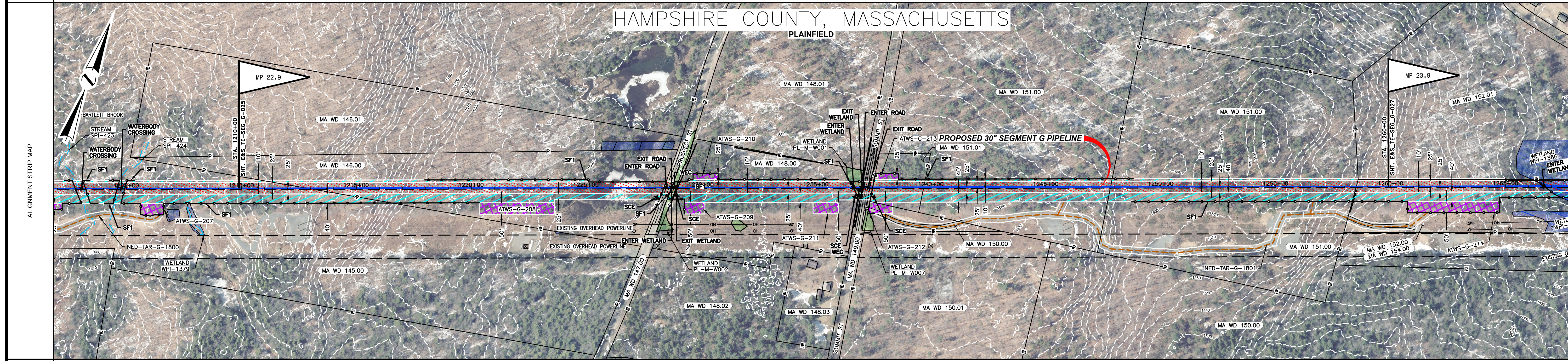
NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
HAMPSHIRE COUNTY, MASSACHUSETTS

SCALE: 1 = 200'

PROJ. ID.: E&S_TE-SEG_G-025

0

PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>1212+86 PROPERTY LINE</p> <p>1225+69 E OF PROSPECT ST</p> <p>1227+69 UTILITY POLE 180' RT.</p> <p>1227+69 UTILITY POLE 180' RT.</p> <p>1228+38 PROPERTY LINE</p> <p>1228+48 EDGE OF GRAVEL</p> <p>1228+48 PROPERTY LINE</p> <p>1228+71 EDGE OF WETLAND</p> <p>1228+92 PROPERTY LINE</p> <p>1228+99 WALL</p> <p>1233+94 UTILITY POLE 180' RT.</p> <p>1233+94 UTILITY POLE 180' RT.</p> <p>1234+26 E OF SUMMIT ST</p> <p>1236+65 EDGE OF WETLAND</p> <p>1236+65 PROPERTY LINE</p> <p>1236+65 PROPERTY LINE</p> <p>1236+69 WALL</p> <p>1237+08 EDGE OF GRAVEL</p> <p>1237+08 PROPERTY LINE</p> <p>1237+34 WALL</p> <p>1237+47 PROPERTY LINE</p> <p>1239+69 PROPERTY LINE</p> <p>1247+82 PROPERTY LINE</p> <p>1258+51 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
PROFILE	
ENVIRONMENTAL	
SOILS	

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LEGEND

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	TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		POTENTIAL STAGING AREA
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	EXISTING FIBER OPTIC LINE		WETLAND (PUBLIC)		WETLAND (PHOTO INTERPRETED)
	WETLAND (DELINEATED)		STREAM (DELINEATED)		STREAM (PHOTO INTERPRETED)
	ACCESS ROAD		FENCE LINE		

REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

SCALE

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

AREA: _____

DIVISION: _____

DRAFTER: HMM

DATE: 01-12-15

PROJECT COORD: HMM

DATE: 01-12-15

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

NORTHEAST ENERGY DIRECT PROJECT
SEGMENT G WRIGT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
HAMPSHIRE COUNTY, MASSACHUSETTS

DESIGN COORD: _____

DATE: _____

SCALE: 1 = 200'

PROJ. ID.: _____

OPER. APPR: _____

DATE: _____

E&S_TE-SEG_G-026 0

PROTECTION EASEMENT
LINE LIST

PIPELINE STATIONING

1263442 UTILITY POLE 161' RT.
1263444 UTILITY POLE 190' RT.

1268467 EDGE OF WETLAND

1269454 EDGE OF WETLAND
1269456 UTILITY POLE 148' RT.
1269471 UTILITY POLE 148' RT.
1270407 EDGE OF STREAM
1271401 EDGE OF STREAM
1271401 EDGE OF STREAM
1271458 EDGE OF WETLAND
1271466 WALL
1272402 EDGE OF WETLAND

1273459 E & OF DITCH
1273467 E & OF HILL RD W

1274488 E & OF W MAIN ST (SR - 1)

1275454 E & OF DITCH
1275490 EDGE OF WETLAND
1275498 E & OF DITCH
1276224 UTILITY POLE 132' LT.
1276448 GUMBO RAIL
1276448 EDGE OF PAVEMENT
1276448 OVERHEAD POWER LINE
1276448 UTILITY POLE 158' RT.
1276448 UTILITY POLE 158' RT.
1276448 PROPERTY LINE
1277443 UTILITY POLE 78' LT.
1277458 PROPERTY LINE
1277465 EDGE OF PAVEMENT
1277478 OVERHEAD POWER LINE
1277492 EDGE OF PAVEMENT
1278410 PROPERTY LINE
1279412 EDGE OF GRAVEL
1279421 EDGE OF GRAVEL
1279421 UTILITY POLE 182' RT.
1280401 UTILITY POLE 182' RT.
1280401 UTILITY POLE 182' RT.

1283486 EDGE OF STREAM
1283493 UTILITY POLE 135' RT.
1283498 EDGE OF STREAM
1283498 UTILITY POLE 189' RT.
1284479 PROPERTY LINE

1286403 OVERHEAD POWER LINE
1286452 OVERHEAD POWER LINE
1286452 PROPERTY LINE

1288407 UTILITY POLE 29' LT.
1288407 UTILITY POLE 36' LT.

1290477 WALL
1290484 PROPERTY LINE

1293461 UTILITY POLE 69' LT.
1293462 UTILITY POLE 31' LT.

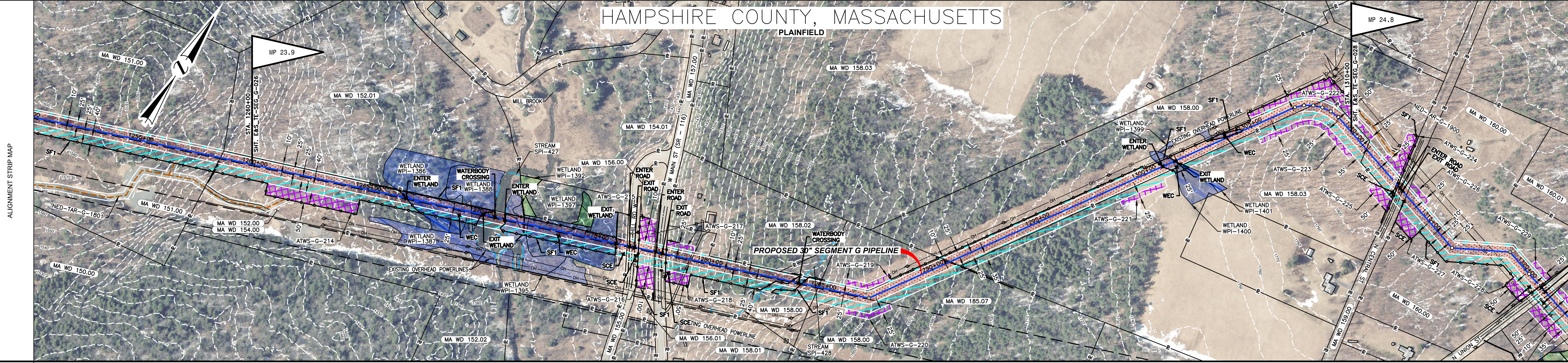
1298457 UTILITY POLE 33' LT.
1298457 UTILITY POLE 81' LT.

1300484 EDGE OF WETLAND
1301441 EDGE OF WETLAND

1303457 UTILITY POLE 35' LT.
1303457 UTILITY POLE 83' LT.
1304432 EDGE OF WETLAND
1304457 EDGE OF WETLAND

1307456 P.L. = 121156' RT.
1307456 P.L. = 121156' RT.
1307482 PROPERTY LINE
1307482 P.L. = 121156' RT.
1308425 UTILITY POLE 142' RT.
1308425 UTILITY POLE 176' RT.
1308425 P.L. = 121156' RT.
1308425 P.L. = 121156' RT.
1308425 P.L. = 121156' RT.

HAMPSHIRE COUNTY, MASSACHUSETTS

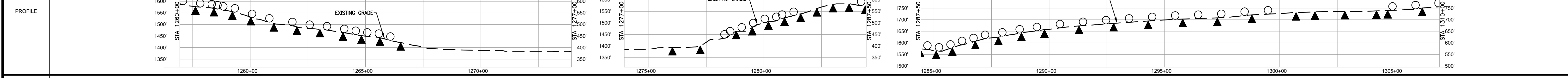


MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION



ENVIRONMENTAL

SOILS

PROFILE LEGEND
 ○ SLOPE BREAKERS
 ▲ TRENCH PLUG

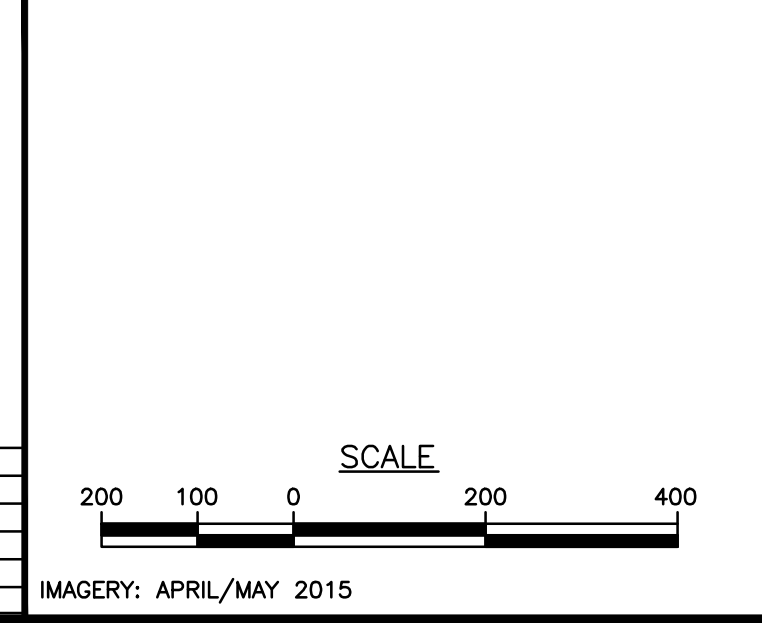
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	ACCESS ROAD		FENCE LINE		

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TYPICALS



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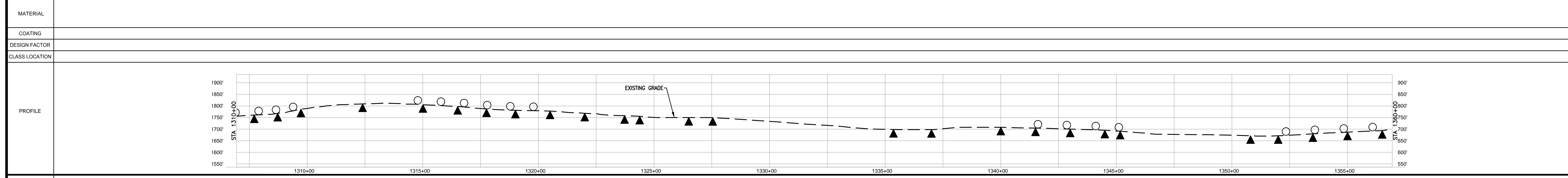
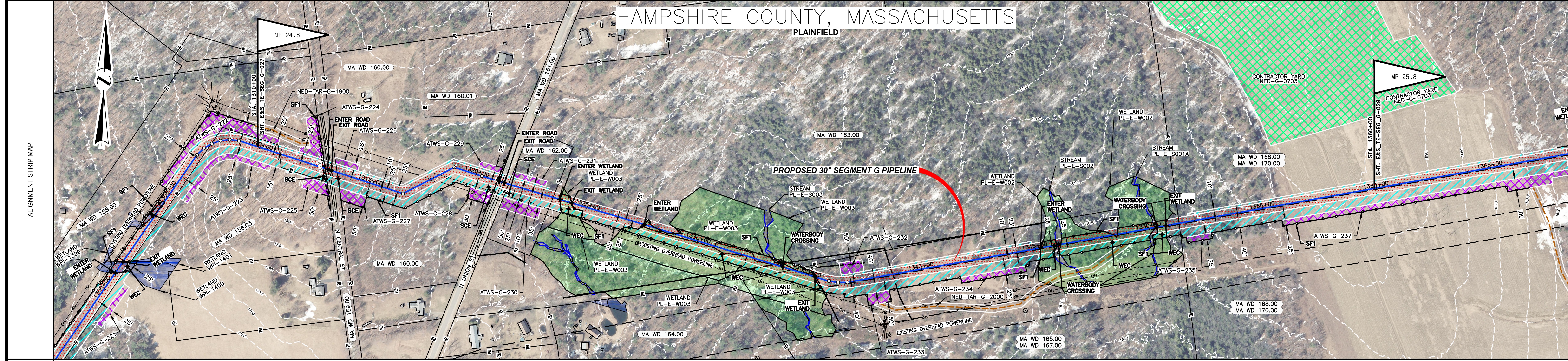
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**NORTHEAST ENERGY DIRECT PROJECT
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
HAMPSHIRE COUNTY, MASSACHUSETTS**

AREA:	DIV.:	DATE:	SCALE:	PROJ. ID.:
DRAFTER: HMM	DATE: 01-12-15		1 = 200'	
DRAWN: HMM	DATE: 01-12-15			
DESIGN COORD.:	DATE:			
PROJECT COORD.:	DATE:			
OPER. APPR.:	DATE:			

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PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>1310+29 E OF N CENTRAL ST 1310+89 PROPERTY LINE 1311+71 UTILITY POLE 118' LT. 1311+72 UTILITY POLE 90' LT. 1312+88 WALL 1312+96 PROPERTY LINE 1313+02 PROPERTY LINE 1313+28 EDGE OF GRAVEL 1313+52 PROPERTY LINE</p> <p>1318+51 P.L. = 450000' LT. 1317+01 UTILITY POLE 84' LT. 1317+22 UTILITY POLE 104' LT. 1317+87 OVERHEAD POWER LINE 1318+28 E OF N UNION ST 1318+28 OVERHEAD POWER LINE 1318+50 P.L. = 450000' RT.</p> <p>1320+28 P.L. = 17000' LT. 1320+80 UTILITY POLE 140' RT. 1320+93 OVERHEAD POWER LINE 1320+96 PROPERTY LINE 1321+02 UTILITY POLE 50' LT. 1321+02 UTILITY POLE 50' LT. 1321+02 UTILITY POLE 50' LT. 1321+47 PROPERTY LINE 1322+17 UTILITY POLE 52' RT. 1322+17 UTILITY POLE 80' RT. 1322+78 EDGE OF WETLAND 1324+32 EDGE OF WETLAND</p> <p>1327+53 UTILITY POLE 86' RT. 1327+54 UTILITY POLE 57' RT. 1327+58 EDGE OF WETLAND 1328+15 EDGE OF WETLAND 1328+90 EDGE OF WETLAND</p> <p>1330+79 EDGE OF WETLAND</p> <p>1332+57 EDGE OF WETLAND 1333+08 UTILITY POLE 87' RT. 1333+09 UTILITY POLE 59' RT. 1333+45 EDGE OF WETLAND 1333+48 WALL OF STREAM 1333+48 WALL OF STREAM 1333+82 EDGE OF WETLAND 1333+90 EDGE OF WETLAND 1334+26 PROPERTY LINE 1335+37 WALL OF WETLAND</p> <p>1335+58 P.L. = 40000' LT. 1335+58 P.L. = 40000' RT. 1336+28 P.L. = 40000' LT. 1336+28 P.L. = 40000' RT.</p> <p>1338+08 UTILITY POLE 188' RT. 1338+15 UTILITY POLE 157' RT. 1338+74 WALL</p> <p>1343+82 UTILITY POLE 189' RT. 1343+83 UTILITY POLE 161' RT.</p> <p>1345+24 EDGE OF WETLAND 1345+83 EDGE OF STREAM 1345+83 EDGE OF WETLAND 1346+13 EDGE OF STREAM 1346+13 EDGE OF WETLAND</p> <p>1348+48 EDGE OF WETLAND 1348+61 EDGE OF WETLAND</p> <p>1350+27 EDGE OF STREAM 1350+27 EDGE OF WETLAND 1350+39 EDGE OF WETLAND 1350+75 EDGE OF WETLAND 1350+85 UTILITY POLE 189' RT. 1350+85 UTILITY POLE 160' RT. 1351+32 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

SLOPE BREAKERS ○

TRENCH PLUG ▲

NOTES

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LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PROPOSED PIPELINE
	TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		EXISTING TENNESSEE GAS PIPELINE
	POTENTIAL STAGING AREA		WETLAND (PUBLIC)		EXISTING FOREIGN PIPELINE
	LIMITS OF DISTURBANCE		WETLAND (PHOTO INTERPRETED)		OVERHEAD POWER LINE
			WETLAND (DELINEATED)		EXISTING FIBER OPTIC LINE
			STREAM (DELINEATED)		
			STREAM (PHOTO INTERPRETED)		
			ACCESS ROAD		
			FENCE LINE		

REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

SCALE

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

AREA: DIV.:

DRAFTER: HMM DATE: 01-12-15

DRAFT: HMM DATE: 01-12-15

COORD: HMM

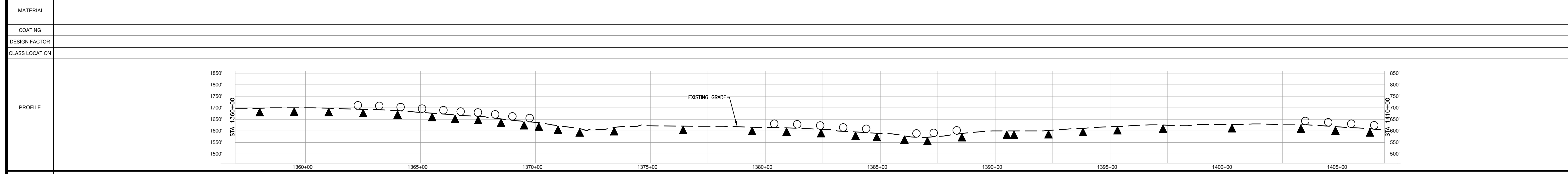
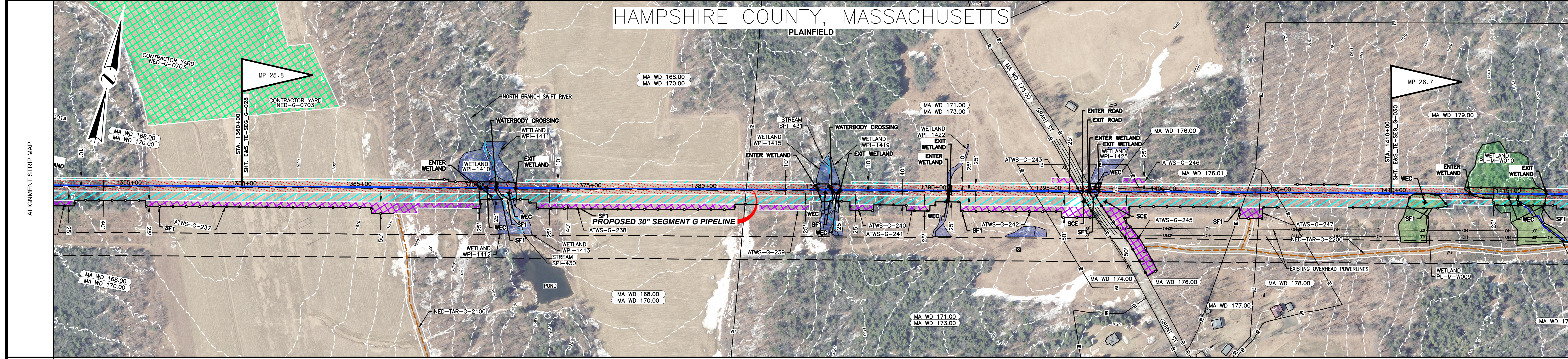
Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company

NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
HAMPSHIRE COUNTY, MASSACHUSETTS

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S_TE-SEG_G-028 0

PROJECT COORD: DATE: OPER. APPR: DATE:

PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>1370+28 EDGE OF WETLAND 1370+70 EDGE OF WETLAND 1370+93 EDGE OF WETLAND 1371+43 EDGE OF WETLAND 1371+81 EDGE OF WETLAND 1371+81 EDGE OF WETLAND</p> <p>1384+95 EDGE OF WETLAND 1385+53 EDGE OF STREAM 1385+53 EDGE OF WETLAND 1385+61 EDGE OF STREAM 1385+61 EDGE OF WETLAND 1385+94 EDGE OF WETLAND</p> <p>1390+61 EDGE OF WETLAND 1390+71 EDGE OF WETLAND</p> <p>1393+67 E OF GRANT ST 1394+33 PROPERTY LINE</p> <p>1395+69 UTILITY POLE 105' LT. 1396+34 PROPERTY LINE 1396+37 OVERHEAD POWER LINE 1396+70 UTILITY POLE 181' RT. 1396+71 UTILITY POLE 189' RT. 1396+73 UTILITY POLE 189' RT. 1396+78 EDGE OF WETLAND 1397+19 EDGE OF WETLAND 1397+24 UTILITY POLE 134' RT.</p> <p>1400+28 UTILITY POLE 160' RT. 1400+29 UTILITY POLE 160' RT. 1401+53 PROPERTY LINE</p> <p>1403+63 PROPERTY LINE 1404+22 PROPERTY LINE 1404+68 PROPERTY LINE 1405+94 UTILITY POLE 160' RT. 1405+95 UTILITY POLE 189' RT.</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

NOTES

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LEGEND

EXISTING PERMANENT EASEMENT	PROPOSED PERMANENT EASEMENT	TEMPORARY WORKSPACE	ADDITIONAL TEMPORARY WORKSPACE (ATWS)	POTENTIAL STAGING AREA	PROPOSED PIPELINE	EXISTING TENNESSEE GAS PIPELINE	EXISTING FOREIGN PIPELINE	OVERHEAD POWER LINE	EXISTING FIBER OPTIC LINE
LIMITS OF DISTURBANCE	PROPERTY LINE	MUNICIPAL LINE	WETLAND (PUBLIC)	WETLAND (PHOTO INTERPRETED)	WETLAND (DELINEATED)	STREAM (DELINEATED)	STREAM (PHOTO INTERPRETED)	STREAM (PUBLIC)	ACCESS ROAD
PA HG3 400.00	FENCE LINE	X							

REFERENCE DRAWINGS

TYPICALS

SCALE

IMAGERY: APRIL/MAY 2015

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

AREA: DIV:

DRAFTER: HMM DATE: 01-12-15

DRAWN: HMM DATE: 01-12-15

COORD: HMM

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

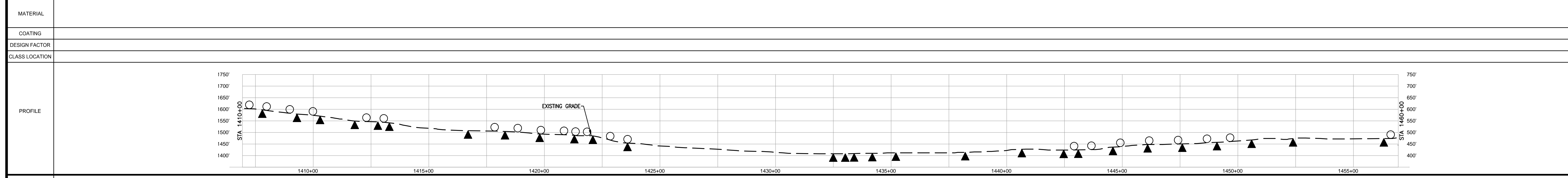
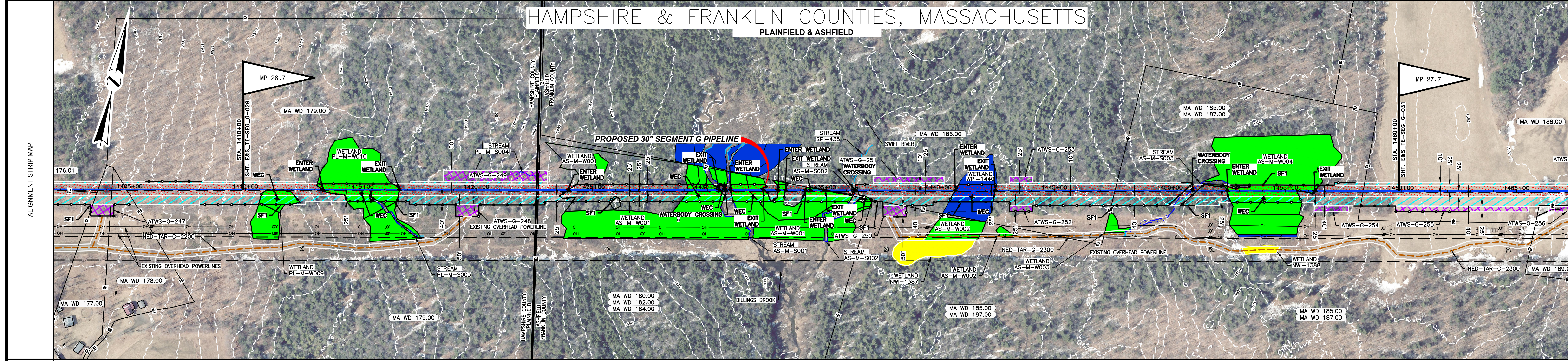
**NORTHEAST ENERGY DIRECT PROJECT
PROPOSED 30" PIPELINE
SEGMENT G WRIGT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
HAMPSHIRE COUNTY, MASSACHUSETTS**

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S_TE-SEG_G-029 0

PROJECT COORD: DATE: 0

OPER. APPR: DATE:

PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>1411+29 UTILITY POLE 161' RT. 1411+30 UTILITY POLE 190' RT.</p> <p>1413+34 EDGE OF WETLAND</p> <p>1416+15 UTILITY POLE 190' RT. 1416+16 UTILITY POLE 161' RT. 1416+86 EDGE OF WETLAND</p> <p>1419+84 E OF TRAIL</p> <p>1421+15 UTILITY POLE 161' RT. 1421+15 UTILITY POLE 190' RT.</p> <p>1422+60 COUNTY LINE 1422+60 MUNICIPAL LINE 1422+67 PROPERTY LINE 1422+67 WALL</p> <p>1423+97 EDGE OF WETLAND</p> <p>1427+16 UTILITY POLE 161' RT. 1427+17 UTILITY POLE 190' RT.</p> <p>1429+17 EDGE OF WETLAND</p> <p>1430+49 EDGE OF STREAM 1430+49 EDGE OF WETLAND 1430+49 EDGE OF WETLAND 1431+00 EDGE OF WETLAND 1431+78 EDGE OF WETLAND 1432+42 EDGE OF WETLAND 1433+04 EDGE OF WETLAND 1433+25 EDGE OF WETLAND 1433+25 UTILITY POLE 188' RT. 1433+25 UTILITY POLE 188' RT. 1434+23 EDGE OF WETLAND 1435+00 PROPERTY LINE 1435+11 EDGE OF WETLAND 1436+28 EDGE OF STREAM 1436+45 EDGE OF STREAM</p> <p>1439+51 UTILITY POLE 160' RT. 1439+51 UTILITY POLE 168' RT.</p> <p>1440+71 EDGE OF WETLAND</p> <p>1442+44 EDGE OF WETLAND</p> <p>1447+63 PROPERTY LINE</p> <p>1450+88 EDGE OF STREAM 1450+97 EDGE OF STREAM 1451+75 UTILITY POLE 148' RT. 1451+75 UTILITY POLE 174' RT. 1452+48 EDGE OF WETLAND</p> <p>1455+48 EDGE OF WETLAND 1455+64 EDGE OF WETLAND 1456+27 EDGE OF WETLAND</p> <p>1459+36 PROPERTY LINE 1459+25 UTILITY POLE 161' RT. 1459+26 UTILITY POLE 168' RT.</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

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LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		LIMITS OF DISTURBANCE
	TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		POTENTIAL STAGING AREA
	PROPOSED PIPELINE		EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE
	EXISTING OVERHEAD POWER LINE		EXISTING FIBER OPTIC LINE		PROPERTY LINE
	MUNICIPAL LINE		WETLAND (PUBLIC)		WETLAND (PHOTO INTERPRETED)
	WETLAND (DELINEATED)		STREAM (DELINEATED)		STREAM (PHOTO INTERPRETED)
	STREAM (PUBLIC)		ACCESS ROAD		FENCE LINE

REFERENCE DRAWINGS

TYPICALS

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

SCALE

IMAGERY: APRIL/MAY 2015

AREA: DIV: DRAFTER: HMM DATE: 01-12-15
 DRAFT: HMM DATE: 01-12-15
 COORD: HMM

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

**NORTHEAST ENERGY DIRECT PROJECT
 SEGMENT G WRIGT TO DRACUT PIPELINE SEGMENT
 EROSION & SEDIMENT CONTROL PLAN
 ALIGNMENT SHEET
 HAMPSHIRE & FRANKLIN COUNTIES, MASSACHUSETTS**

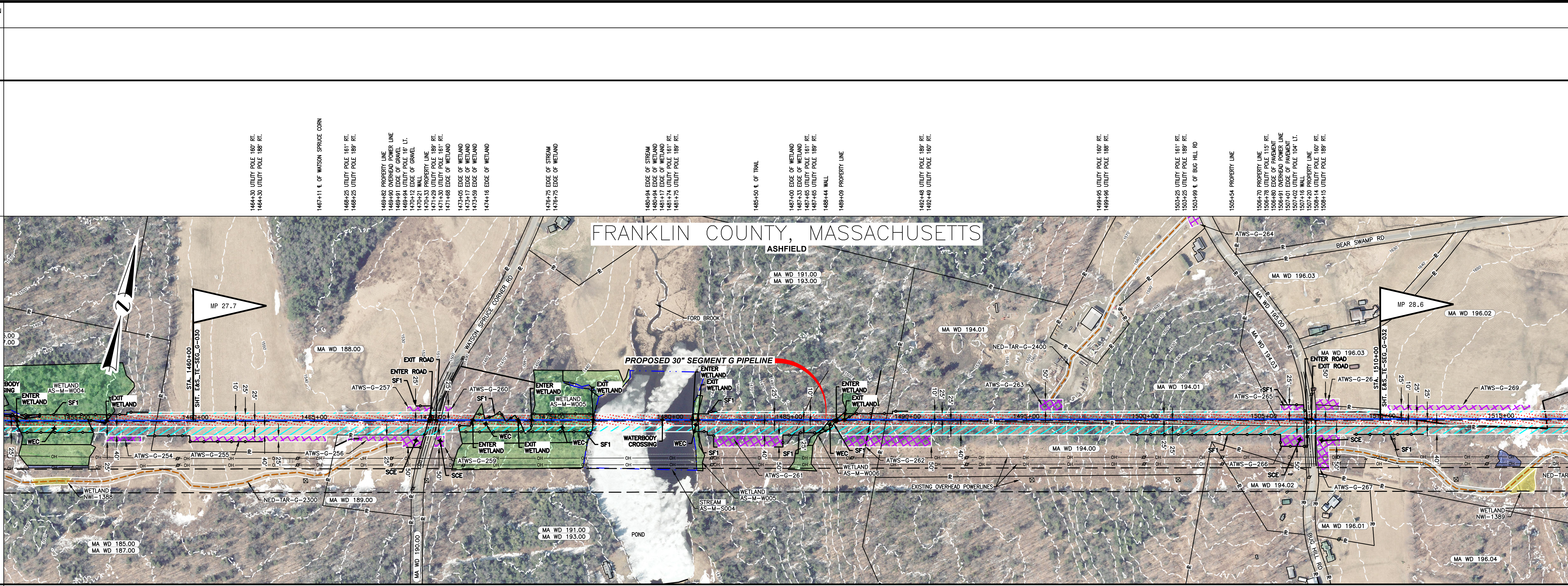
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PROTECTION EASEMENT

LINE LIST

PIPELINE STATIONING

ALIGNMENT STRIP MAP



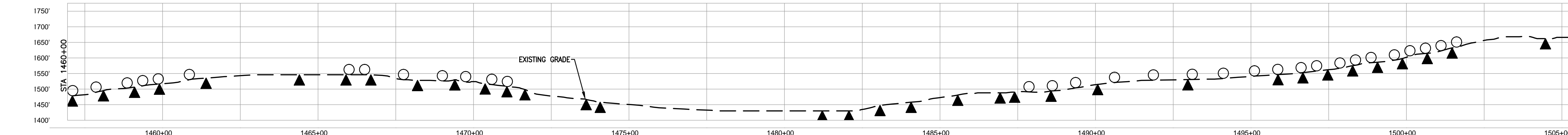
MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE



ENVIRONMENTAL

SOILS

PROFILE LEGEND

- SLOPE BREAKERS ○
- TRENCH PLUG ▲

- NOTES**
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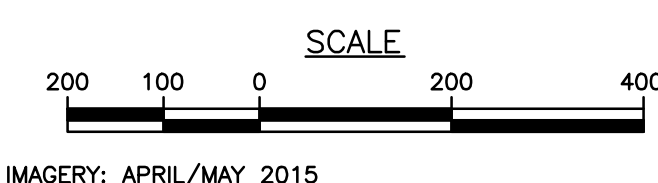
LEGEND

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PROPOSED PIPELINE
	TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		POTENTIAL STAGING AREA
	EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE
	EXISTING FIBER OPTIC LINE		PROPERTY LINE		MUNICIPAL LINE
	WETLAND (PUBLIC)		WETLAND (PHOTO INTERPRETED)		WETLAND (DELINEATED)
	STREAM (DELINEATED)		STREAM (PHOTO INTERPRETED)		ACCESS ROAD
	FENCE LINE		PA HG3 400.00		LINE LIST NUMBER

LIMITS OF DISTURBANCE

REFERENCE DRAWINGS

TYPICALS



REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
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Tennessee Gas Pipeline Company, L.L.C.
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**NORTHEAST ENERGY DIRECT PROJECT
SEGMENT G WRIGT TO DRACUT PIPELINE SEGMENT
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
FRANKLIN COUNTY, MASSACHUSETTS**

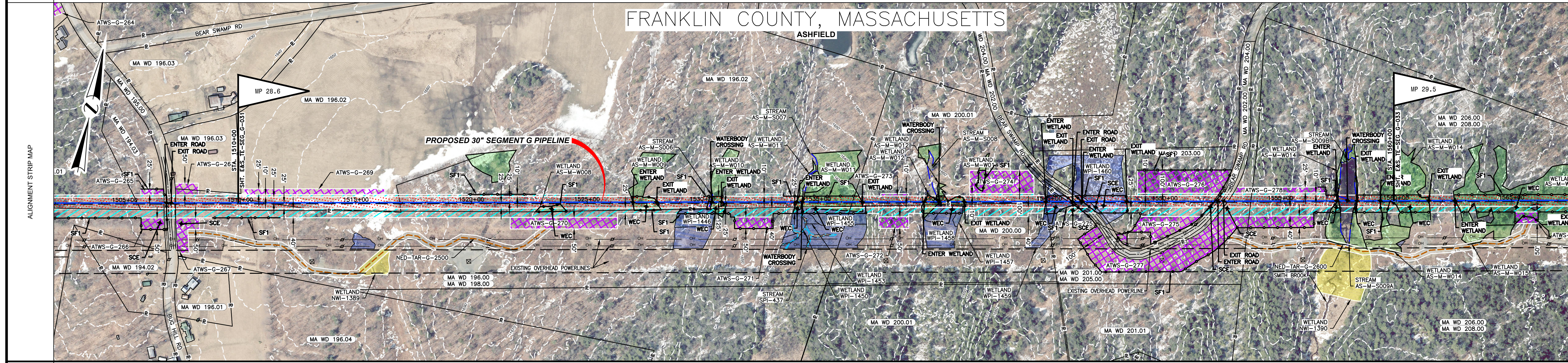
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DESIGN COORD:	DATE:			
PROJECT COORD:	DATE:			
OPER. APPR:	DATE:			

E&S_TE-SEG_G-031 0

PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>15114+02 WALL</p> <p>15144+00 UTILITY POLE 160' RT.</p> <p>15144+00 UTILITY POLE 180' RT.</p> <p>15164+89 WALL</p> <p>15204+74 UTILITY POLE 161' RT.</p> <p>15204+74 UTILITY POLE 180' RT.</p> <p>15264+98 EDGE OF WETLAND</p> <p>15284+02 EDGE OF WETLAND</p> <p>15304+35 EDGE OF STREAM</p> <p>15304+40 EDGE OF WETLAND</p> <p>15304+40 EDGE OF WETLAND</p> <p>15314+38 UTILITY POLE 180' RT.</p> <p>15314+38 UTILITY POLE 161' RT.</p> <p>15344+07 EDGE OF WETLAND</p> <p>15344+28 EDGE OF STREAM</p> <p>15344+34 EDGE OF WETLAND</p> <p>15344+34 EDGE OF WETLAND</p> <p>15364+48 PROPERTY LINE</p> <p>15364+40 EDGE OF WETLAND</p> <p>15384+17 UTILITY POLE 160' RT.</p> <p>15384+18 UTILITY POLE 180' RT.</p> <p>15394+58 EDGE OF WETLAND</p> <p>15404+19 EDGE OF STREAM</p> <p>15404+19 EDGE OF WETLAND</p> <p>15404+28 EDGE OF STREAM</p> <p>15414+31 EDGE OF WETLAND</p> <p>15434+32 E OF BEAR SWAMP RD</p> <p>15444+13 UTILITY POLE 150' LT.</p> <p>15444+64 PROPERTY LINE</p> <p>15444+86 EDGE OF WETLAND</p> <p>15454+13 UTILITY POLE 161' RT.</p> <p>15454+13 UTILITY POLE 180' RT.</p> <p>15454+88 OVERHEAD POWER LINE</p> <p>15454+88 OVERHEAD POWER LINE</p> <p>15464+00 EDGE OF WETLAND</p> <p>15464+01 UTILITY POLE 3' RT.</p> <p>15464+71 PROPERTY LINE</p> <p>15464+71 UTILITY POLE 160' RT.</p> <p>15464+33 EDGE OF WETLAND</p> <p>15464+33 UTILITY POLE 180' RT.</p> <p>15464+45 E OF BEAR SWAMP RD</p> <p>15514+30 UTILITY POLE 101' RT.</p> <p>15524+11 PROPERTY LINE</p> <p>15524+18 OVERHEAD POWER LINE</p> <p>15524+28 EDGE OF PAVEMENT</p> <p>15524+54 EDGE OF PAVEMENT</p> <p>15524+57 UTILITY POLE 45' LT.</p> <p>15534+72 PROPERTY LINE</p> <p>15544+66 UTILITY POLE 160' RT.</p> <p>15544+67 UTILITY POLE 180' RT.</p> <p>15574+44 EDGE OF WETLAND</p> <p>15574+51 EDGE OF WETLAND</p> <p>15584+26 EDGE OF STREAM</p> <p>15584+30 EDGE OF WETLAND</p> <p>15594+32 EDGE OF WETLAND</p> <p>15594+32 EDGE OF WETLAND</p>

FRANKLIN COUNTY, MASSACHUSETTS

ASHFIELD

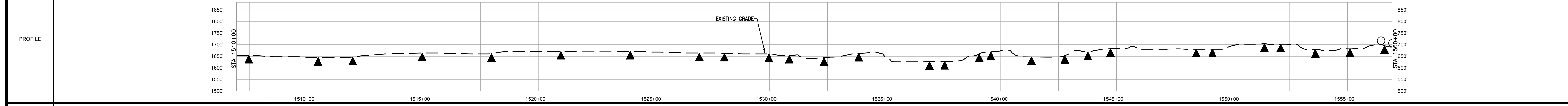


MATERIAL	
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COATING	
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DESIGN FACTOR	
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CLASS LOCATION	
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ENVIRONMENTAL	
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SOILS	
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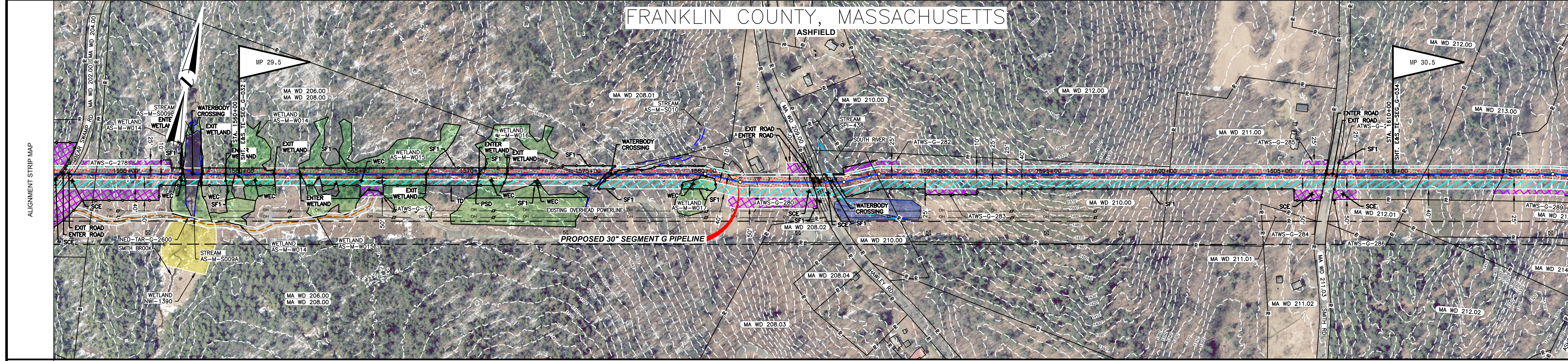
PROFILE LEGEND

SLOPE BREAKERS ○

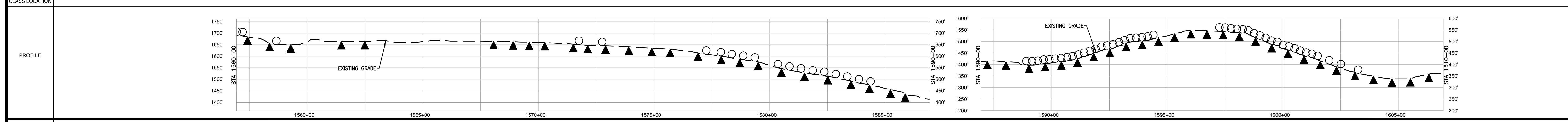
TRENCH PLUG ▲

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PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>1561+42 EDGE OF WETLAND 1562+09 UTILITY POLE 161' RT. 1562+11 UTILITY POLE 189' RT. 1562+54 EDGE OF WETLAND</p> <p>1566+61 UTILITY POLE 189' RT. 1566+62 UTILITY POLE 160' RT.</p> <p>1568+00 EDGE OF WETLAND</p> <p>1570+29 EDGE OF WETLAND 1570+91 UTILITY POLE 160' RT. 1570+91 UTILITY POLE 189' RT. 1571+50 EDGE OF WETLAND</p> <p>1574+46 WALL 1574+70 PROPERTY LINE 1575+31 UTILITY POLE 161' RT. 1575+32 UTILITY POLE 190' RT. 1575+33 UTILITY POLE 190' RT. 1576+00 EDGE OF STREAM 1576+31 PROPERTY LINE 1576+54 WALL</p> <p>1580+07 P.L. - 173000' RT. 1580+28 FOREIGN EASEMENT 1580+48 UTILITY POLE 157' RT. 1580+53 UTILITY POLE 184' RT.</p> <p>1581+62 P.L. - 173501' LT. 1582+33 W. OF HAWLEY RD 1582+55 WALL 1582+82 WALL</p> <p>1583+74 WALL</p> <p>1584+48 WALL 1584+62 UTILITY POLE 62' LT. 1584+62 UTILITY POLE 62' LT. 1584+63 EDGE OF PAVEMENT 1585+07 EDGE OF PAVEMENT 1585+27 PROPERTY LINE 1585+57 EDGE OF STREAM 1585+57 EDGE OF STREAM 1586+11 P.L. - 173000' LT.</p> <p>1597+45 FOREIGN EASEMENT 1597+45 FOREIGN EASEMENT 1597+46 P.L. - 173000' RT.</p> <p>1593+41 UTILITY POLE 161' RT. 1593+43 UTILITY POLE 189' RT.</p> <p>1597+02 UTILITY POLE 161' RT. 1597+03 UTILITY POLE 189' RT.</p> <p>1600+23 PROPERTY LINE</p> <p>1604+27 E. OF SMITH RD</p> <p>1606+98 PROPERTY LINE 1607+48 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	

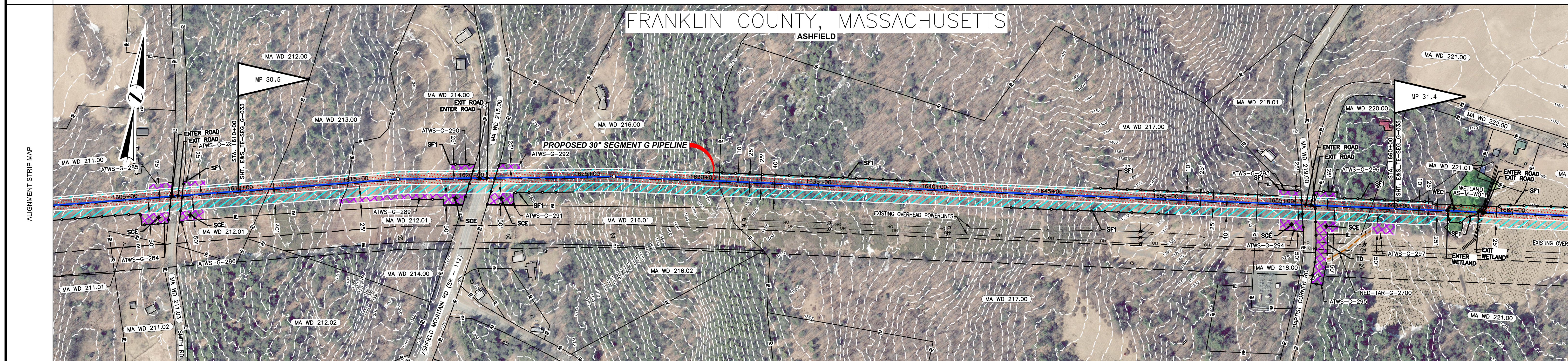


ENVIRONMENTAL	
SOILS	

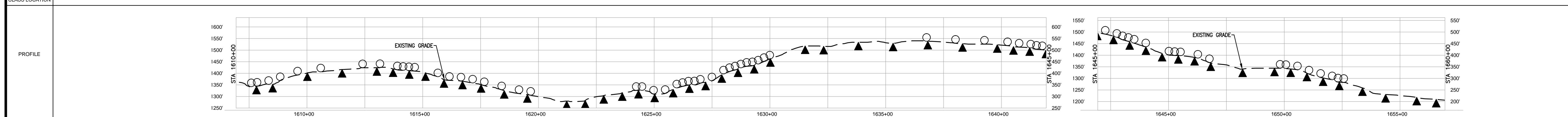
<p>PROFILE LEGEND</p> <p>SLOPE BREAKERS ○</p> <p>TRENCH PLUG ▲</p>	
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0		ISSUE FOR FERC	11/2015	HMM	HMM																		

PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>1611425 PROPERTY LINE</p> <p>1614485 PROPERTY LINE</p> <p>1616488 P.L. 2-24-97, 6E, 1617454 E OF ASHFIELD RD. (SR - 112)</p> <p>1618497 PROPERTY LINE</p> <p>1621402 PROPERTY LINE</p> <p>1626218 P.L. 2-28-95, 6E</p> <p>1630471 PROPERTY LINE</p> <p>1631482 UTILITY POLE 188' RET.</p> <p>1631484 UTILITY POLE 182' RET.</p> <p>1635453 UTILITY POLE 182' RET.</p> <p>1635455 UTILITY POLE 188' RET.</p> <p>1640471 UTILITY POLE 182' RET.</p> <p>1640471 UTILITY POLE 188' RET.</p> <p>1648498 UTILITY POLE 145' RET.</p> <p>1648498 UTILITY POLE 171' RET.</p> <p>1648498 UTILITY POLE 198' RET.</p> <p>1653423 E OF BAPTIST CORNER RD</p> <p>1653497 PROPERTY LINE</p> <p>1655488 PROPERTY LINE</p> <p>1656447 PROPERTY LINE</p> <p>1658498 UTILITY POLE 182' RET.</p> <p>1658498 UTILITY POLE 182' RET.</p> <p>1658498 PROPERTY LINE</p> <p>1658498 FENCE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

PROFILE LEGEND

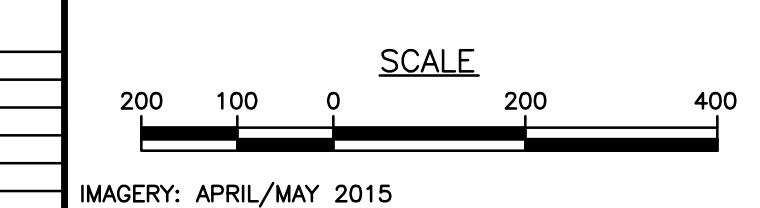
SLOPE BREAKERS ○

TRENCH PLUG ▲

LEGEND

	EXISTING PERMANENT EASEMENT		PA HG3 400.00 LINE LIST NUMBER
	PROPOSED PERMANENT EASEMENT		PROPERTY LINE
	TEMPORARY WORKSPACE		MUNICIPAL LINE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)		WETLAND (PUBLIC)
	POTENTIAL STAGING AREA		WETLAND (PHOTO INTERPRETED)
	PROPOSED PIPELINE		WETLAND (DELINEATED)
	EXISTING TENNESSEE GAS PIPELINE		STREAM (DELINEATED)
	EXISTING FOREIGN PIPELINE		STREAM (PHOTO INTERPRETED)
	OVERHEAD POWER LINE		STREAM (PUBLIC)
	EXISTING FIBER OPTIC LINE		ACCESS ROAD
			FENCE LINE

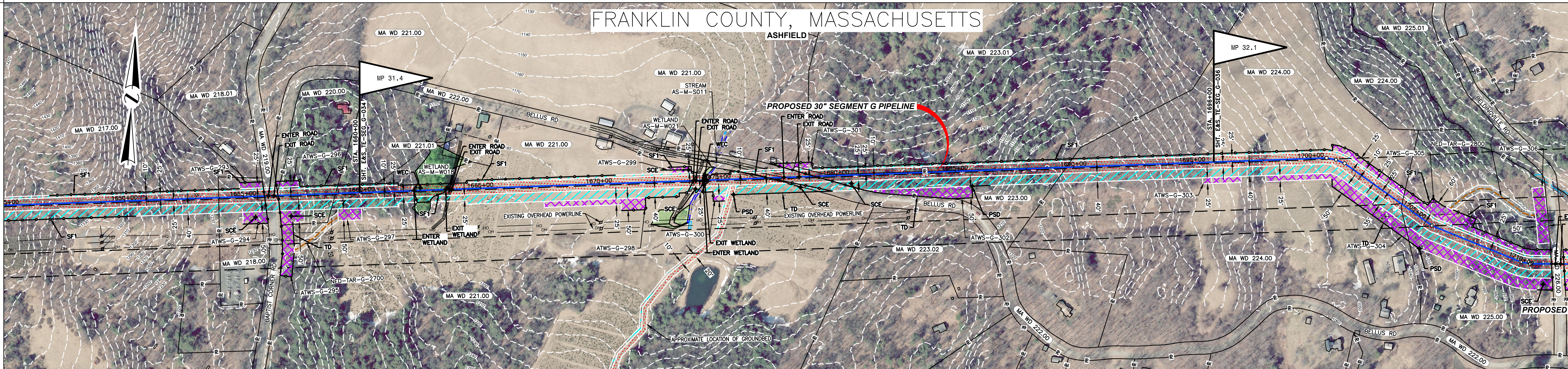
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PROTECTION EASEMENT

LINE LIST

PIPELINE STATIONING



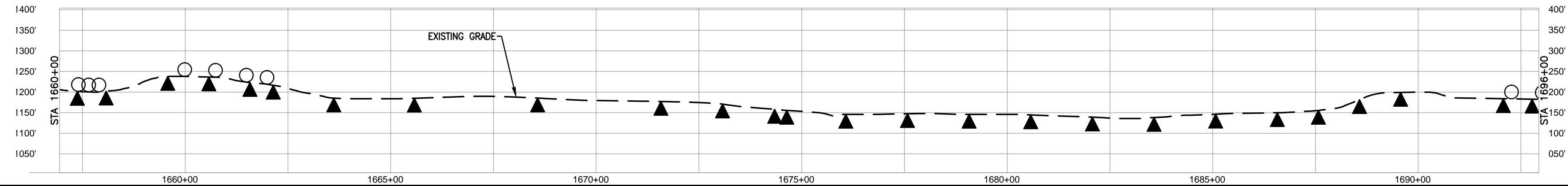
MATERIAL

COATING

DESIGN FACTOR

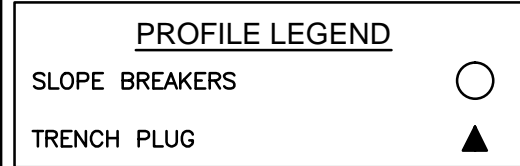
CLASS LOCATION

PROFILE



ENVIRONMENTAL

SOILS



NOTES

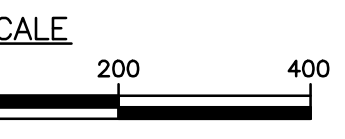
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- 8. PERMANENT SLOPE BREAKERS SHOWN IN CULTIVATED AREAS AND LAWNS SHALL ONLY BE INSTALLED WITH THE LANDOWNER'S PERMISSION.

LEGEND

	EXISTING PERMANENT EASEMENT		PA HG3 400.00	LINE LIST NUMBER
	PROPOSED PERMANENT EASEMENT			PROPERTY LINE
	TEMPORARY WORKSPACE			MUNICIPAL LINE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)			WETLAND (PUBLIC)
	POTENTIAL STAGING AREA			WETLAND (PHOTO INTERPRETED)
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	EXISTING FIBER OPTIC LINE			ACCESS ROAD
				FENCE LINE

REFERENCE DRAWINGS

TYPICALS



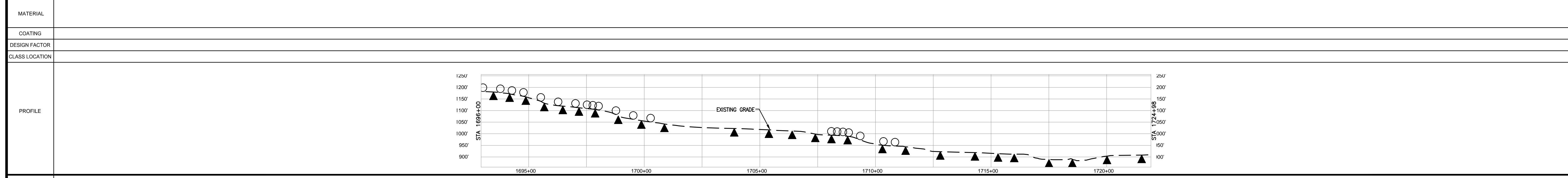
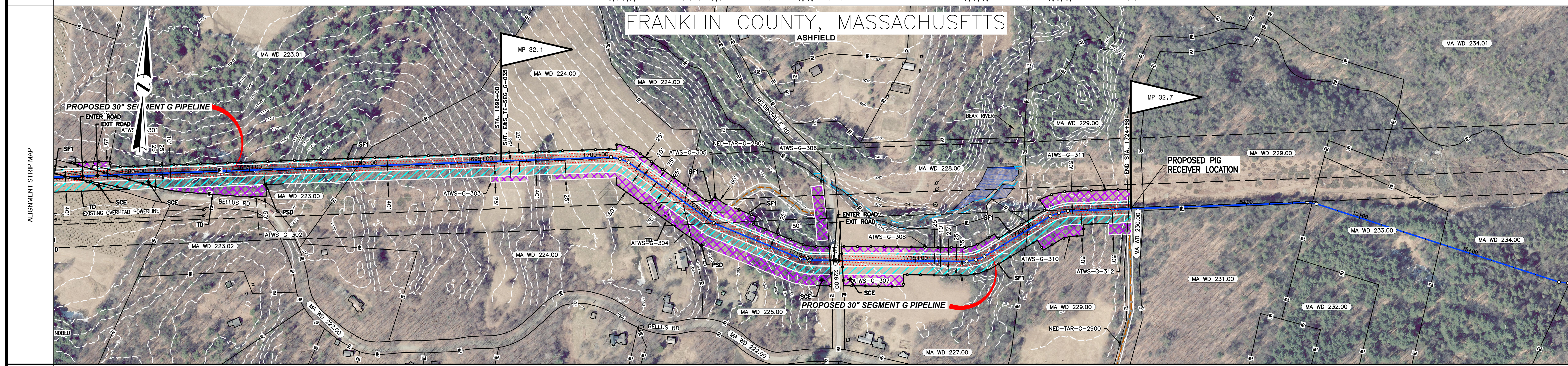
IMAGERY: APRIL/MAY 2015

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FERC	11/2015	HMM	HMM	

AREA:	DIV.:	
DRAFTER: HMM	DATE: 01-12-15	
COORD.:	DATE: 01-12-15	
NORTHEAST ENERGY DIRECT PROJECT PROPOSED 30" PIPELINE SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT EROSION & SEDIMENT CONTROL PLAN ALIGNMENT SHEET FRANKLIN COUNTY, MASSACHUSETTS		
DESIGN COORD.:	DATE:	SCALE: 1 1/4"=2000'
PROJECT COORD.:	DATE:	PROJ. ID.:
OPER. APPR.:	DATE:	E&S_TE-SEG_G-035
		0

PROTECTION EASEMENT	
LINE LIST	<p>1695+90 MA WD 224.00</p> <p>1704+42 MA WD 225.00</p> <p>1711+32 MA WD 226.00</p> <p>1711+84 MA WD 227.00</p> <p>1720+24 MA WD 228.00</p> <p>1724+80 MA WD 229.00</p> <p>1724+89 MA WD 230.00</p>
PIPELINE STATIONING	<p>1704+38 FOREIGN EASEMENT 1704+42 PROPERTY LINE 1704+23 OVERHEAD POWER LINE 1704+01 FOREIGN EASEMENT</p> <p>1704+01 OF BEDFORDVILLE RD</p> <p>1704+32 PROPERTY LINE 1711+84 PROPERTY LINE</p> <p>1714+32 PROPERTY LINE 1711+84 PROPERTY LINE</p> <p>1720+24 PROPERTY LINE</p> <p>1724+80 PROPERTY LINE 1724+89 END STA.</p>



ENVIRONMENTAL	
SOILS	

<p>NOTES</p> <ol style="list-style-type: none"> EXISTING TENNESSEE GAS PIPELINE PERMANENT EASEMENTS ARE NOT DEPICTED IN THEIR ENTIRETY. PUBLIC WETLANDS ARE OBTAINED FROM THE NATIONAL WETLAND INVENTORY (NWI) (AS DEFINED IN RESOURCE REPORT 2.3) PUBLIC STREAMS ARE OBTAINED FROM THE NATIONAL HYDROGRAPHY DATASET. (NHD) (AS DEFINED IN RESOURCE REPORT 2.2) PHOTO INTERPRETED WETLANDS AND STREAMS ARE THE RESULT OF A HIGH RESOLUTION PHOTOGRAPHIC INTERPOLATION. DELINEATED WETLANDS AND STREAMS ARE THE RESULT OF AN ENVIRONMENTAL GROUND SURVEY. PROPERTY LINES ARE BASED ON TAX MAPS AND ARE NOT THE RESULT OF A FULL BOUNDARY SURVEY. TRENCH PLUGS SHALL BE INSTALLED AT ALL ROAD CROSSINGS AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR. PERMANENT SLOPE BREAKERS SHOWN IN CULTIVATED AREAS AND LAWNS SHALL ONLY BE INSTALLED WITH THE LANDOWNER'S PERMISSION. 	<p>LEGEND</p> <table border="0"> <tr> <td></td> <td>EXISTING PERMANENT EASEMENT</td> <td></td> <td>PROPOSED PERMANENT EASEMENT</td> <td></td> <td>PROPOSED PIPELINE</td> </tr> <tr> <td></td> <td>TEMPORARY WORKSPACE</td> <td></td> <td>ADDITIONAL TEMPORARY WORKSPACE (ATWS)</td> <td></td> <td>EXISTING TENNESSEE GAS PIPELINE</td> </tr> <tr> <td></td> <td>POTENTIAL STAGING AREA</td> <td></td> <td>EXISTING FOREIGN PIPELINE</td> <td></td> <td>OVERHEAD POWER LINE</td> </tr> <tr> <td></td> <td>PROPOSED PIPELINE</td> <td></td> <td>EXISTING FIBER OPTIC LINE</td> <td></td> <td></td> </tr> </table>		EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PROPOSED PIPELINE		TEMPORARY WORKSPACE		ADDITIONAL TEMPORARY WORKSPACE (ATWS)		EXISTING TENNESSEE GAS PIPELINE		POTENTIAL STAGING AREA		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE		PROPOSED PIPELINE		EXISTING FIBER OPTIC LINE			<p>REFERENCE DRAWINGS</p> <p>TYPICALS</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO</th> <th>PROJ ID</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>CK</th> <th>APPR</th> </tr> </thead> <tbody> <tr> <td>0</td> <td></td> <td>ISSUE FOR FERC</td> <td>11/2015</td> <td>HMM</td> <td>HMM</td> <td></td> </tr> </tbody> </table>	NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR	0		ISSUE FOR FERC	11/2015	HMM	HMM		<p>SCALE</p> <p>200 100 0 200 400</p> <p>IMAGERY: APRIL/MAY 2015</p>	<p>AREA:</p> <p>DIV: _____</p> <p>DRAFTER: HMM DATE: 01-12-15</p> <p>DRAFT: HMM DATE: 01-12-15</p>	<p>Tennessee Gas Pipeline Company, L.L.C. a Kinder Morgan company</p>
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<p>NORTHEAST ENERGY DIRECT PROJECT PROPOSED 30" PIPELINE SEGMENT G WRIGHT TO DRACUT PIPELINE SEGMENT EROSION & SEDIMENT CONTROL PLAN ALIGNMENT SHEET FRANKLIN COUNTY, MASSACHUSETTS</p> <p>DESIGN COORD: _____ DATE: _____ SCALE: 1 = 200' PROJ. ID: _____</p> <p>PROJECT COORD: _____ DATE: _____</p> <p>OPER. APPR: _____ DATE: _____</p> <p>E&S_TE-SEG_G-036 0</p>																																												