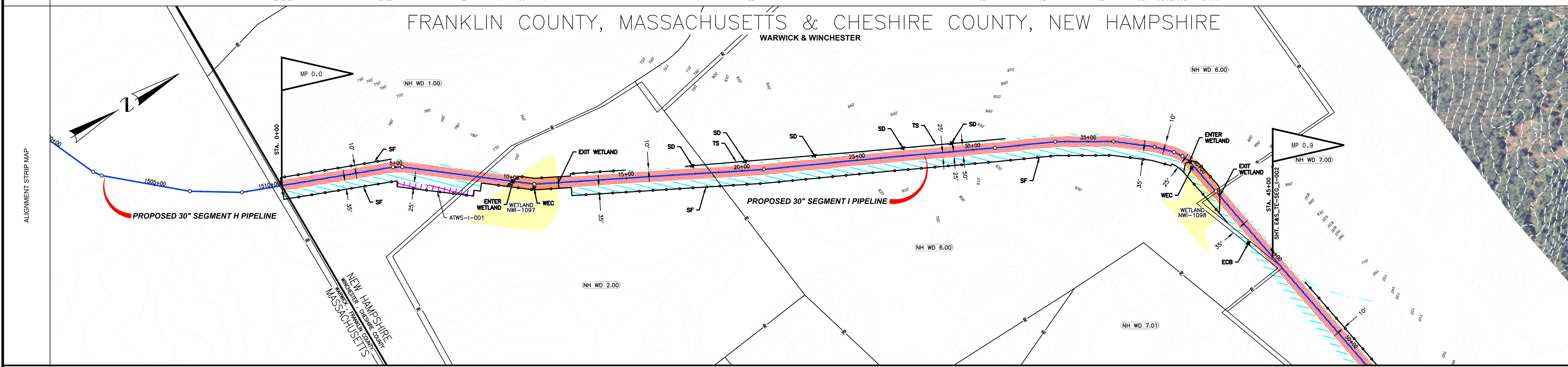
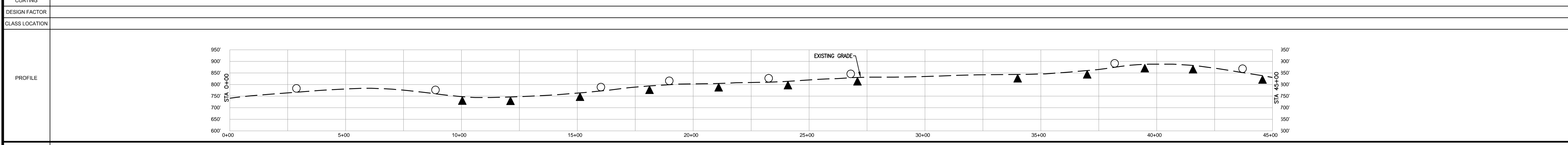


PROTECTION EASEMENT	
LINE LIST	NH WD 1.00 NH WD 2.00 NH WD 6.00 NH WD 7.00
PIPELINE STATIONING	0+00 8+51 18+67 41+31 45+00

FRANKLIN COUNTY, MASSACHUSETTS & CHESHIRE COUNTY, NEW HAMPSHIRE  
WARWICK & WINCHESTER



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

**PROFILE LEGEND**

- SLOPE BREAKERS ○
- TRENCH PLUG ▲

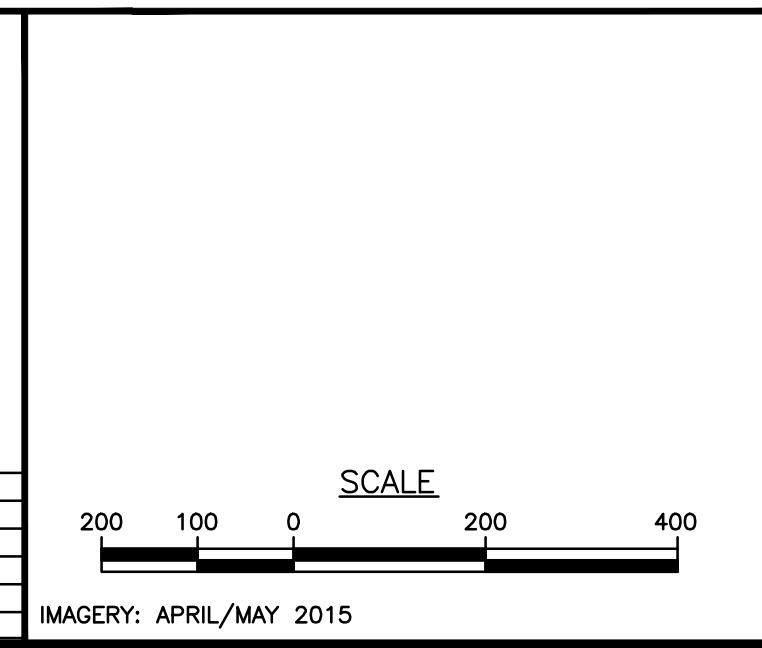
- NOTES**
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**LEGEND**

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	—S—	WETLAND (DELINEATED)
EXISTING TENNESSEE GAS PIPELINE	—D—	STREAM (DELINEATED)
EXISTING FOREIGN PIPELINE	—C—	STREAM (PHOTO INTERPRETED)
OVERHEAD POWER LINE	—O—	STREAM (PUBLIC)
EXISTING FIBER OPTIC LINE	—F—	ACCESS ROAD
	—X—	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

COORD: HMM DATE: 01-12-15

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

**NORTHEAST ENERGY DIRECT PROJECT  
PROPOSED 30" PIPELINE  
SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT  
EROSION & SEDIMENT CONTROL PLAN  
ALIGNMENT SHEET  
FRANKLIN COUNTY, MASSACHUSETTS & CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD: \_\_\_\_\_ DATE: \_\_\_\_\_ SCALE: 1 = 200' PROJ. ID: \_\_\_\_\_

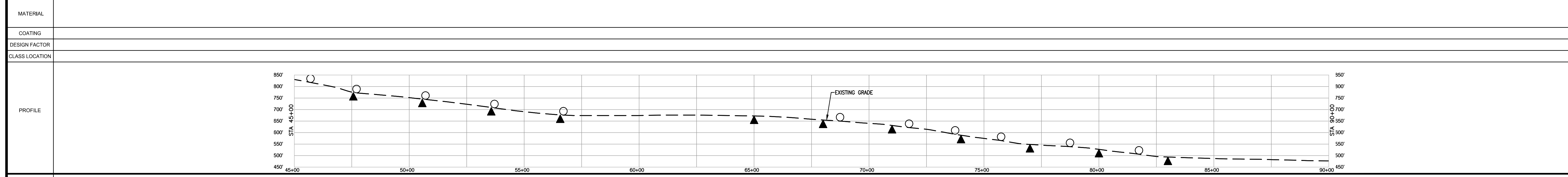
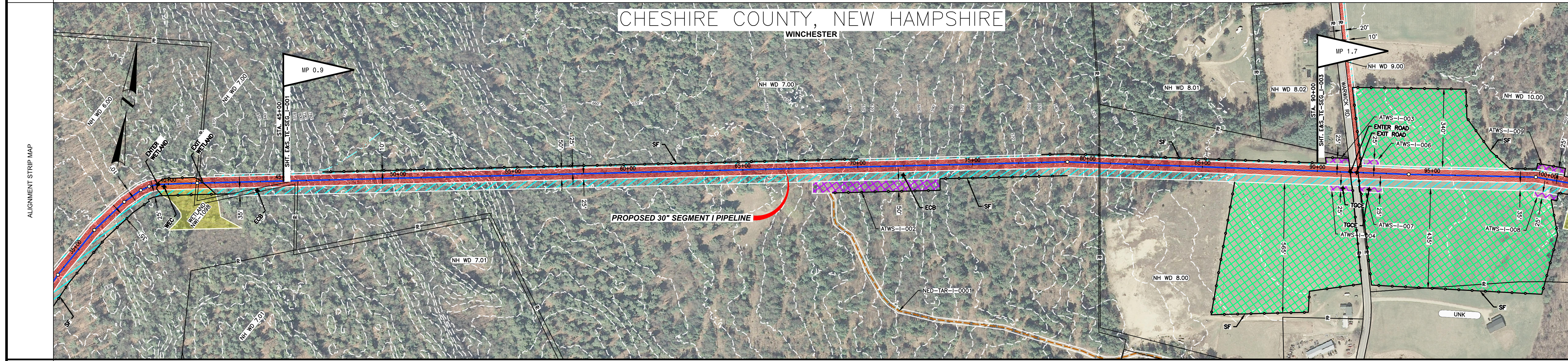
PROJECT COORD: \_\_\_\_\_ DATE: \_\_\_\_\_

OPER. APPR: \_\_\_\_\_ DATE: \_\_\_\_\_

E&S\_TE-SEG\_I-001 0



PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-around; width: 100%;"> <div style="text-align: center;"> <p>NH WD 7.00</p> <p>45+00</p> </div> <div style="text-align: center;"> <p>NH WD 8.00</p> <p>80+00</p> </div> </div>
PIPELINE STATIONING	<p>7312 E.L. - 32261.F.R.</p> <p>80-40 PROPERTY LINE</p> <p>80-54 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
	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

**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

**COORD:** HMM

**DATE:** 01-12-15

**DATE:** 01-12-15

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

**NORTHEAST ENERGY DIRECT PROJECT**  
**PROPOSED 30" PIPELINE**  
**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**  
**EROSION & SEDIMENT CONTROL PLAN**  
**ALIGNMENT SHEET**  
**CHESHIRE COUNTY, NEW HAMPSHIRE**

**DESIGN COORD:** \_\_\_\_\_

**PROJECT COORD:** \_\_\_\_\_

**OPER. APPR:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

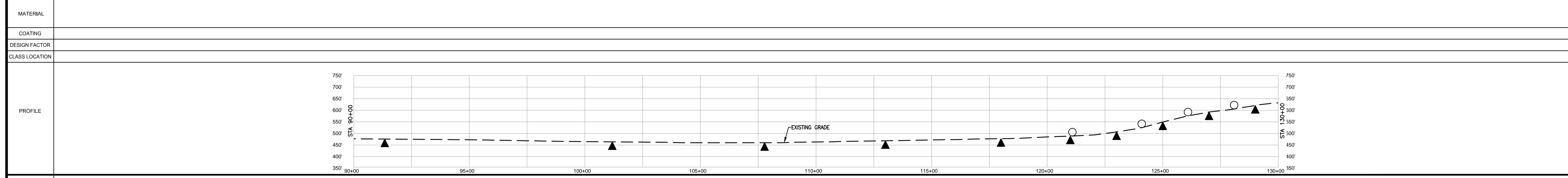
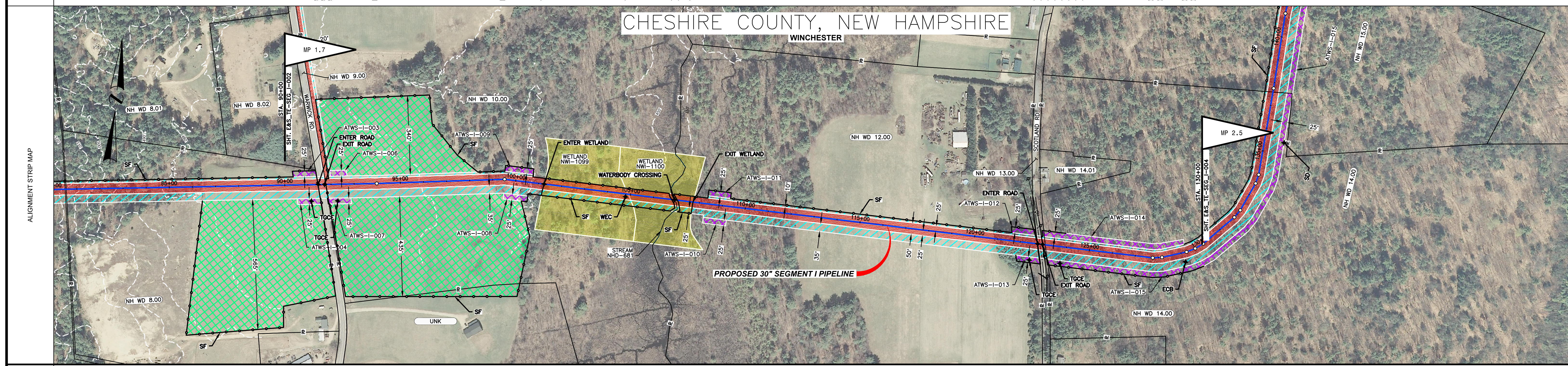
**SCALE:** 1 = 200'

**PROJ. ID.:** E&S\_TE-SEG\_I-002

**0**



PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>NH WD 8.00</p> <p>NH WD 8.01</p> <p>NH WD 8.02</p> <p>NH WD 9.00</p> <p>NH WD 10.00</p> <p>NH WD 12.00</p> <p>NH WD 14.00</p> </div> <div style="width: 20%;"> <p>90+00</p> <p>91+43</p> <p>91+78</p> <p>106+92</p> <p>122+72</p> <p>123+07</p> <p>130+00</p> </div> <div style="width: 20%;"> <p>104+30</p> <p>106+92</p> <p>107+72</p> <p>104+30</p> <p>106+92</p> <p>107+72</p> </div> <div style="width: 20%;"> <p>122+72</p> <p>123+07</p> <p>130+00</p> </div> </div>
PIPELINE STATIONING	<p>91+43 PROPERTY LINE</p> <p>91+78 PROPERTY LINE</p> <p>104+30 E. OF STREAM</p> <p>106+92 PROPERTY LINE</p> <p>107+72 EDGE OF WETLAND</p> <p>104+30 EDGE OF WETLAND</p> <p>106+92 EDGE OF WETLAND</p> <p>107+72 EDGE OF WETLAND</p> <p>122+72 PROPERTY LINE</p> <p>123+07 UTILITY POLE 15K RT.</p> <p>122+72 UTILITY POLE 15K RT.</p> <p>122+96 E. OF SCOTLAND RD</p> <p>122+96 E. OF SCOTLAND RD</p> <p>122+96 E. OF SCOTLAND RD</p> <p>122+96 OVERHEAD POWER LINE</p> <p>123+34 UTILITY POLE 15K RT.</p> <p>122+72 P.L. = P. 40111 II</p> <p>123+18 P.L. = P. 40111 II</p> <p>123+58 P.L. = P. 10171 II</p> <p>123+58 P.L. = P. 10171 II</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		EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)		OVERHEAD POWER LINE		EXISTING FIBER OPTIC LINE
	POTENTIAL STAGING AREA		PROPERTY LINE		MUNICIPAL LINE
	LIMITS OF DISTURBANCE		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

AREA: \_\_\_\_\_ DIV: \_\_\_\_\_

DRAFTER: HMM DATE: 01-12-15

COORD: HMM DATE: 01-12-15

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

**NORTHEAST ENERGY DIRECT PROJECT**  
**PROPOSED 30" PIPELINE**  
**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**  
**EROSION & SEDIMENT CONTROL PLAN**  
**ALIGNMENT SHEET**  
**CHESHIRE COUNTY, NEW HAMPSHIRE**

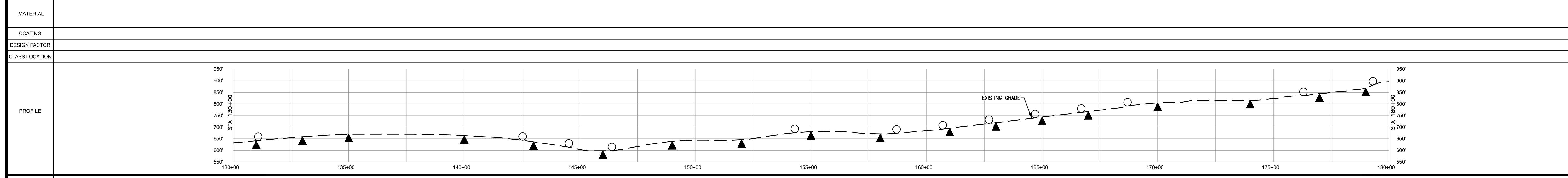
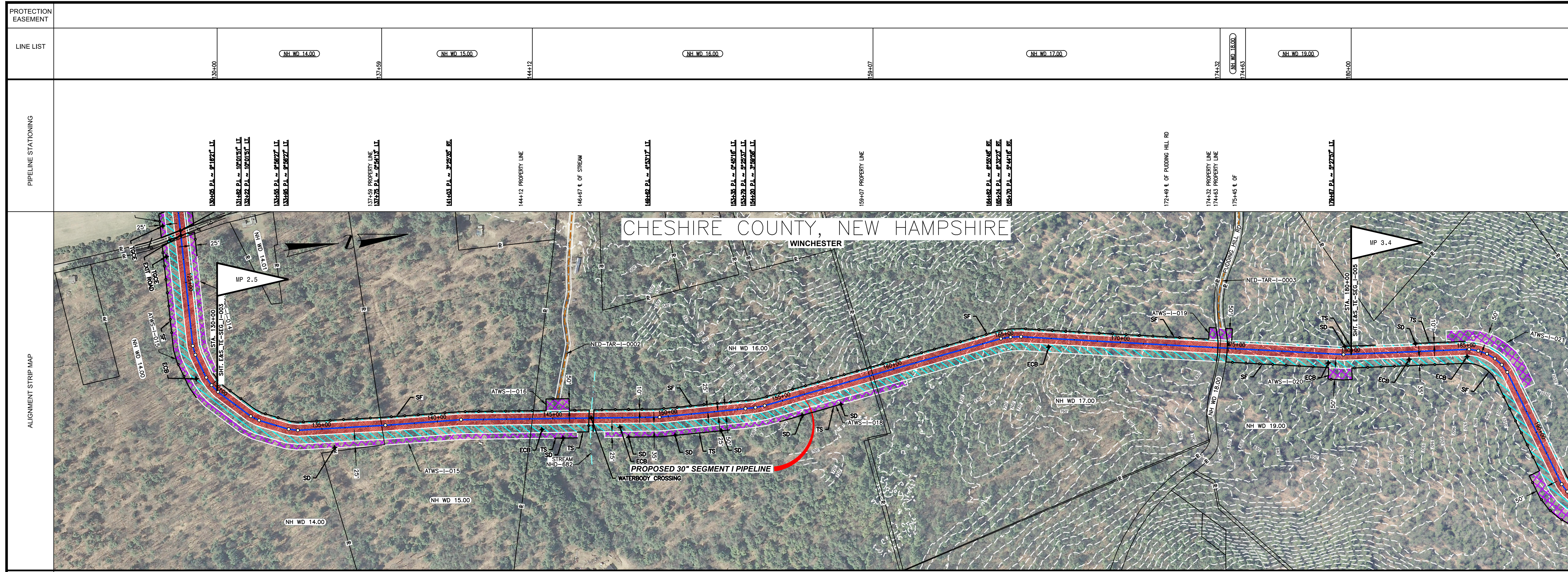
DESIGN COORD: \_\_\_\_\_ DATE: \_\_\_\_\_ SCALE: 1 = 200' PROJ. ID: \_\_\_\_\_

PROJECT COORD: \_\_\_\_\_ DATE: \_\_\_\_\_

OPER. APPR: \_\_\_\_\_ DATE: \_\_\_\_\_

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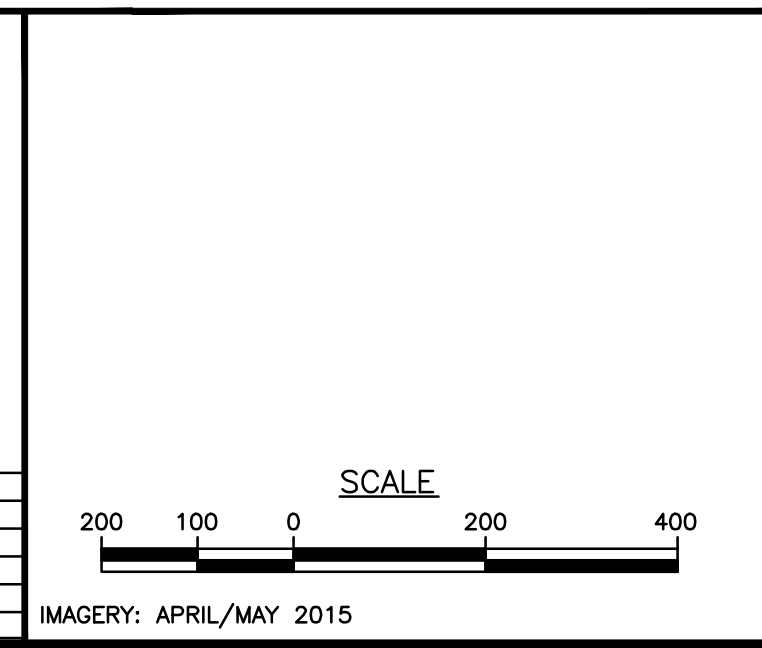
ENVIRONMENTAL	
SOILS	

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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**

**REVISIONS**

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

**Tennessee Gas Pipeline Company, L.L.C.**  
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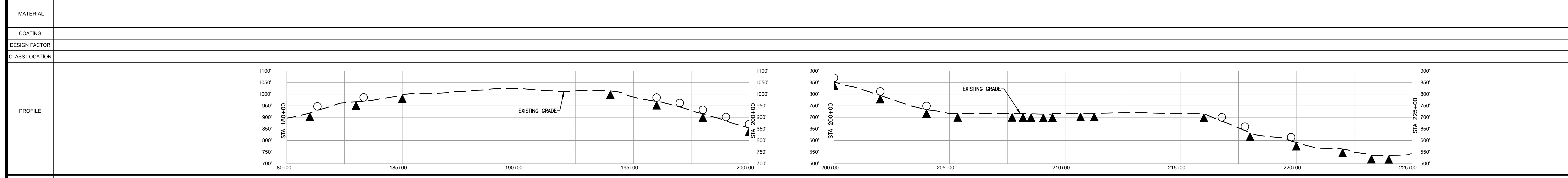
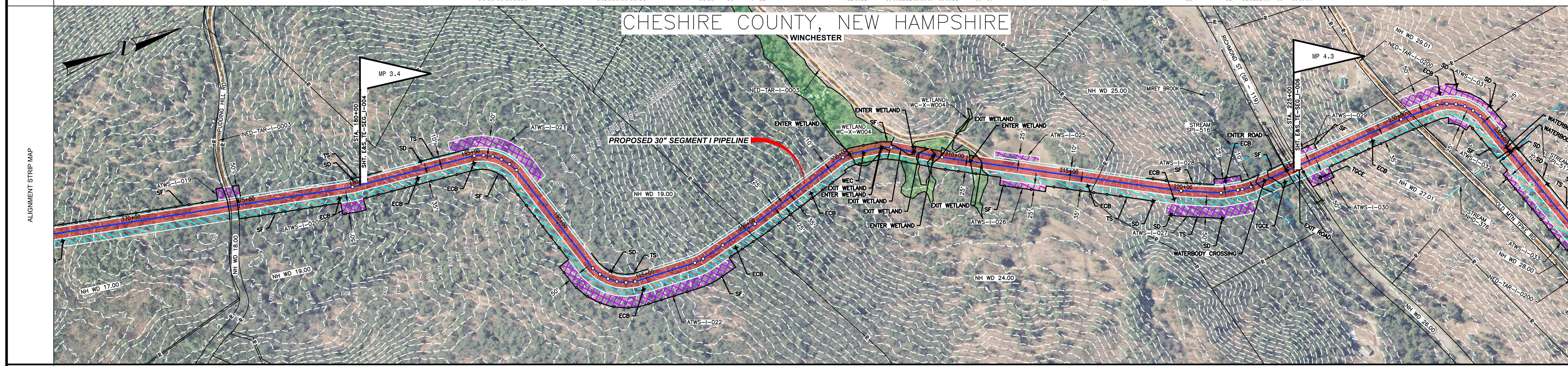
**NORTHEAST ENERGY DIRECT PROJECT  
PROPOSED 30" PIPELINE  
SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT  
EROSION & SEDIMENT CONTROL PLAN  
ALIGNMENT SHEET  
CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD:	DATE:	SCALE: 1 = 200'	PROJ. ID.:
PROJECT COORD:	DATE:		
OPER. APPR:	DATE:		

E&S\_TE-SEG\_I-004 0



PROTECTION EASEMENT	
LINE LIST	<p style="text-align: center;">NH WD 19.00</p> <p style="text-align: center;">NH WD 24.00</p> <p style="text-align: center;">NH WD 25.00</p> <p style="text-align: center;">NH WD 26.00</p>
PIPELINE STATIONING	<p>185+11 P.L. = 11502</p> <p>185+61 P.L. = 11502</p> <p>186+31 P.L. = 11502</p> <p>187+11 P.L. = 11502</p> <p>187+50 P.L. = 11502</p> <p>188+50 P.L. = 11502</p> <p>192+50 P.L. = 11502</p> <p>193+50 P.L. = 11502</p> <p>193+70 P.L. = 11502</p> <p>194+10 P.L. = 11502</p> <p>194+50 P.L. = 11502</p> <p>197+50 P.L. = 23224</p> <p>197+50 P.L. = 23224</p> <p>198+45 P.L. = 23224</p> <p>199+65 PROPERTY LN</p> <p>200+50 P.L. = 23224</p> <p>205+08 P.L. = 13700</p> <p>205+48 P.L. = 13700</p> <p>206+78 EDGE OF WET</p> <p>206+81 EDGE OF WET</p> <p>207+46 EDGE OF WET</p> <p>207+46 EDGE OF WET</p> <p>208+23 EDGE OF WET</p> <p>208+48 EDGE OF WET</p> <p>209+11 EDGE OF WET</p> <p>209+40 EDGE OF WET</p> <p>209+47 P.L. = 23224</p> <p>210+71 EDGE OF WET</p> <p>211+21 EDGE OF WET</p> <p>216+26 PROPERTY LN</p> <p>218+92 P.L. = 23224</p> <p>221+65 P.L. = 13221</p> <p>222+38 P.L. = 23224</p> <p>222+38 P.L. = 23224</p> <p>223+30 EDGE OF STR</p> <p>223+95 EDGE OF STR</p> <p>224+84 OVERHEAD PC</p> <p>224+84 OVERHEAD PC</p> <p>224+85 EDGE OF FW</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		WETLAND (PUBLIC)		WETLAND (PHOTO INTERPRETED)
	LIMITS OF DISTURBANCE		WETLAND (DELINEATED)		STREAM (DELINEATED)
	PROPERTY LINE		STREAM (PHOTO INTERPRETED)		ACCESS ROAD
	MUNICIPAL LINE		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:**

DRAFTER: HMM

DRAFT COORD: HMM

DATE: 01-12-15

DATE: 01-12-15

**Tennessee Gas Pipeline Company, L.L.C.**

**NORTHEAST ENERGY DIRECT PROJECT**

**PROPOSED 30" PIPELINE**

**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**

**EROSION & SEDIMENT CONTROL PLAN**

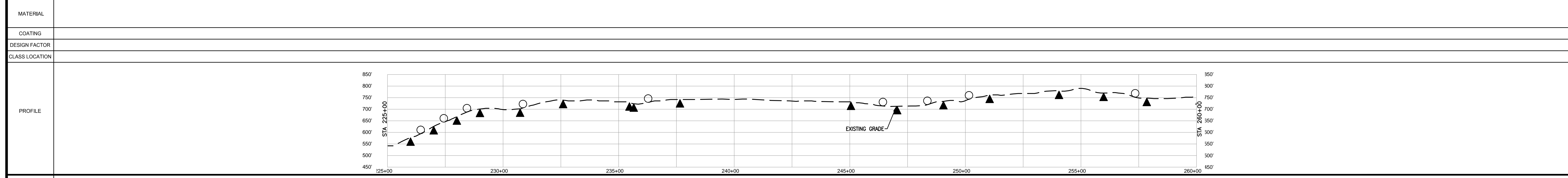
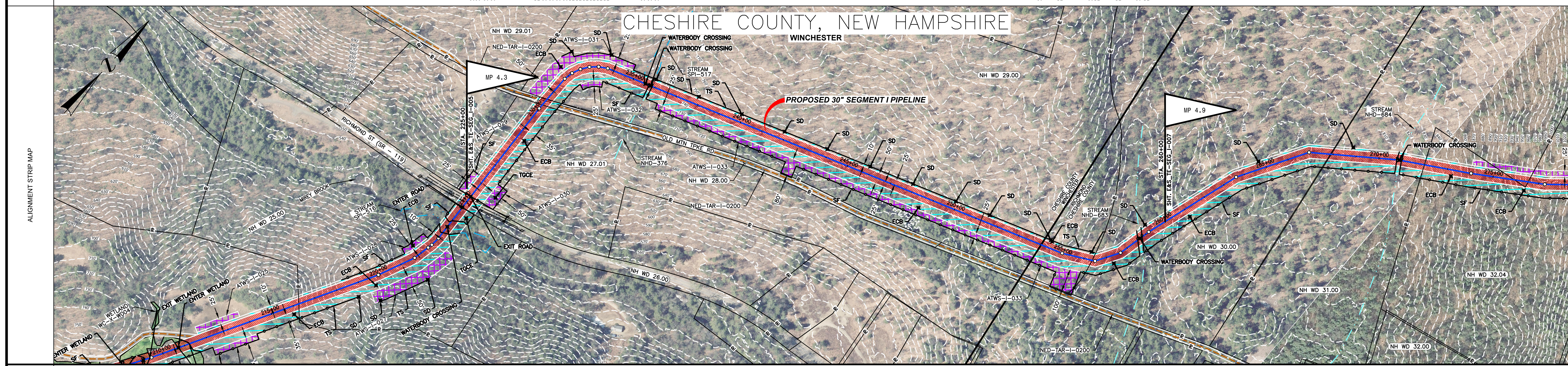
**ALIGNMENT SHEET**

**CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S\_TE-SEG\_I-005 0



PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>NH WD 26.00</p> <p>NH WD 27.01</p> <p>NH WD 28.00</p> </div> <div style="width: 20%; text-align: center;"> <p>NH WD 29.00</p> </div> <div style="width: 20%; text-align: right;"> <p>NH WD 30.00</p> </div> </div>
PIPELINE STATIONING	<p>225+00      225+28      229+31      230+53</p> <p>235+52      235+60</p> <p>254+05      256+02      256+36      257+64      258+69      259+00</p>



MATERIAL	
COATING	
DESIGN FACTOR	
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ENVIRONMENTAL	
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	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)		STREAM (PUBLIC)
	ACCESS ROAD		FENCE LINE		

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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

**DESIGN COORD:**      **DATE:**      **SCALE:** 1 = 200'      **PROJ. ID.:**

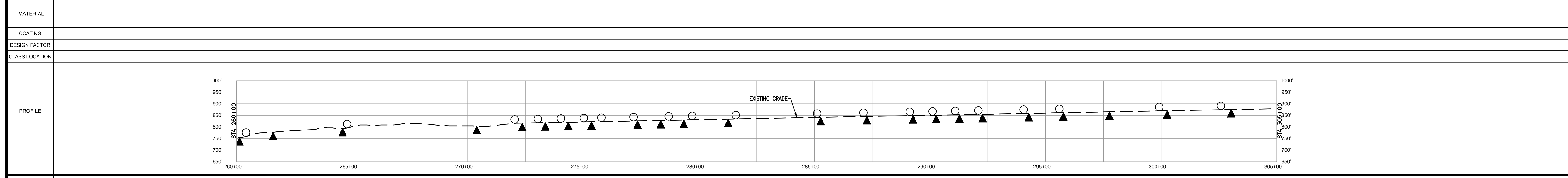
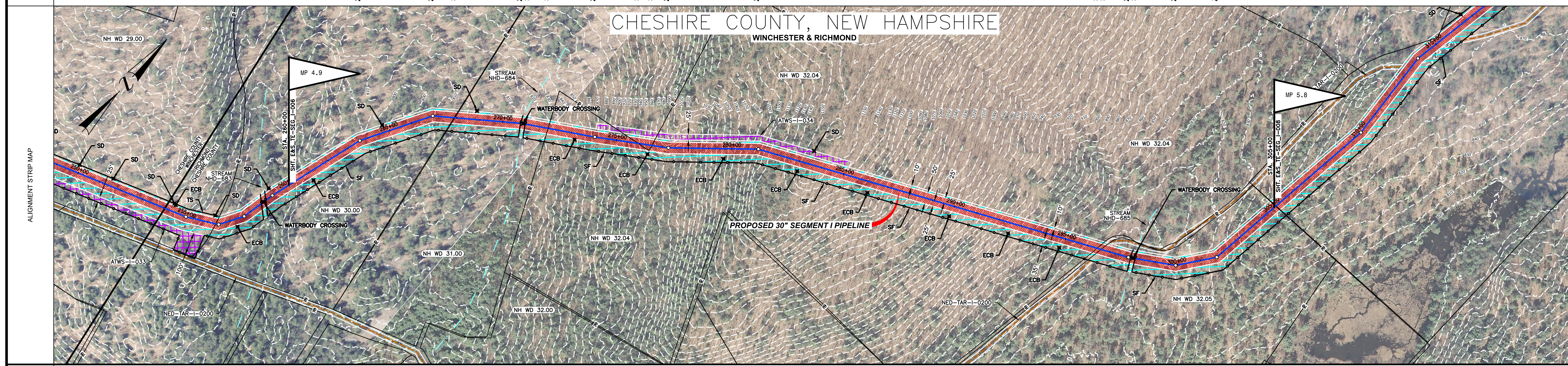
**PROJECT COORD:**      **DATE:**      **E&S\_TE-SEG\_I-006**      **0**

**OPER. APPR.:**      **DATE:**

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



PROTECTION EASEMENT																		
LINE LIST		NH WD 30.00	NH WD 31.00	NH WD 32.04	NH WD 31.00	NH WD 32.04		NH WD 32.05										
PIPELINE STATIONING		265+83 P.L. = 13'28"10" E.L.	266+98 P.L. = 23'28"10" E.L.	267+92 PROPERTY LINE	270+87 E. OF STREAM	271+88 PROPERTY LINE	274+04 P.L. = 2'04"28" L.L.	275+83 PROPERTY LINE	276+53 PROPERTY LINE	277+58 P.L. = 7'30"17" L.L.	281+15 P.L. = 15'30"17" E.L.	286+42 PROPERTY LINE	287+60 PROPERTY LINE	292+43 P.L. = 8'30"17" L.L.	298+03 E. OF STREAM	298+98 P.L. = 21'01"17" L.L.	301+72 P.L. = 28'32"17" L.L.	305+00

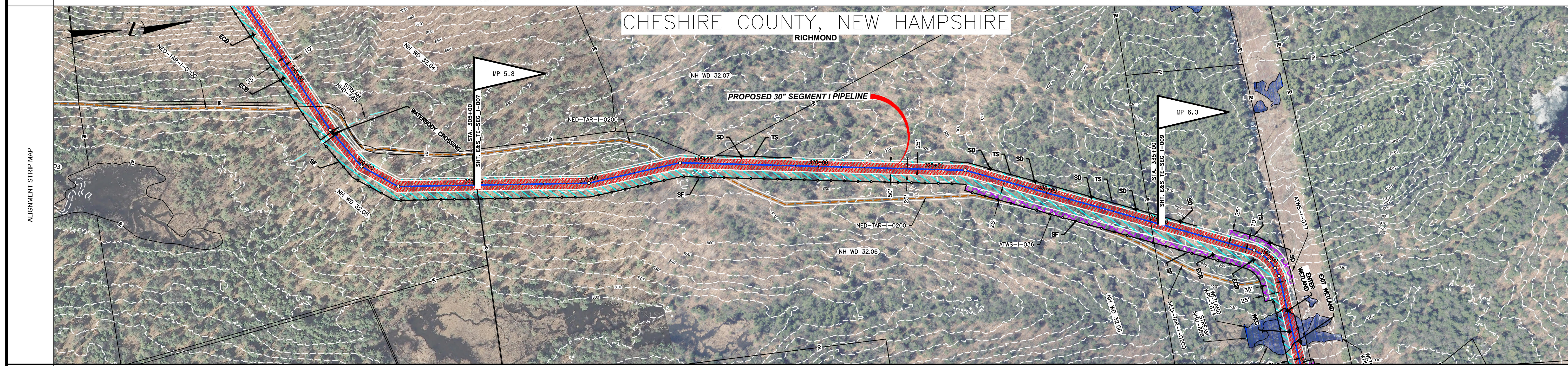


ENVIRONMENTAL	
SOILS	

<p><b>PROFILE LEGEND</b></p> <p>SLOPE BREAKERS ○</p> <p>TRENCH PLUG ▲</p>		<p><b>LEGEND</b></p> <table border="0"> <tr> <td></td> <td>EXISTING PERMANENT EASEMENT</td> <td></td> <td>LINE LIST NUMBER</td> </tr> <tr> <td></td> <td>PROPOSED PERMANENT EASEMENT</td> <td></td> <td>PROPERTY LINE</td> </tr> <tr> <td></td> <td>TEMPORARY WORKSPACE</td> <td></td> <td>MUNICIPAL LINE</td> </tr> <tr> <td></td> <td>ADDITIONAL TEMPORARY WORKSPACE (ATWS)</td> <td></td> <td>WETLAND (PUBLIC)</td> </tr> <tr> <td></td> <td>POTENTIAL STAGING AREA</td> <td></td> <td>WETLAND (PHOTO INTERPRETED)</td> </tr> <tr> <td></td> <td>PROPOSED PIPELINE</td> <td></td> <td>WETLAND (DELINEATED)</td> </tr> <tr> <td></td> <td>EXISTING TENNESSEE GAS PIPELINE</td> <td></td> <td>STREAM (DELINEATED)</td> </tr> <tr> <td></td> <td>EXISTING FOREIGN PIPELINE</td> <td></td> <td>STREAM (PHOTO INTERPRETED)</td> </tr> <tr> <td></td> <td>OVERHEAD POWER LINE</td> <td></td> <td>ACCESS ROAD</td> </tr> <tr> <td></td> <td>EXISTING FIBER OPTIC LINE</td> <td></td> <td>FENCE LINE</td> </tr> </table>			EXISTING PERMANENT EASEMENT		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		ACCESS ROAD		EXISTING FIBER OPTIC LINE		FENCE LINE	<p><b>REFERENCE DRAWINGS</b></p> <p>TYPICALS</p>	<p><b>REVISIONS</b></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><b>SCALE</b></p> <p>IMAGERY: APRIL/MAY 2015</p>	<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>EXISTING TENNESSEE GAS PIPELINE PERMANENT EASEMENTS ARE NOT DEPICTED IN THEIR ENTIRETY.</li> <li>PUBLIC WETLANDS ARE OBTAINED FROM THE NATIONAL WETLAND INVENTORY (NWI) (AS DEFINED IN RESOURCE REPORT 2.3).</li> <li>PUBLIC STREAMS ARE OBTAINED FROM THE NATIONAL HYDROGRAPHY DATASET. (NHD). (AS DEFINED IN RESOURCE REPORT 2.2)</li> <li>PHOTO INTERPRETED WETLANDS AND STREAMS ARE THE RESULT OF A HIGH RESOLUTION PHOTOGRAPHIC INTERPOLATION.</li> <li>DELINEATED WETLANDS AND STREAMS ARE THE RESULT OF AN ENVIRONMENTAL GROUND SURVEY.</li> <li>PROPERTY LINES ARE BASED ON TAX MAPS AND ARE NOT THE RESULT OF A FULL BOUNDARY SURVEY.</li> <li>TRENCH PLUGS SHALL BE INSTALLED AT ALL ROAD CROSSINGS AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.</li> <li>PERMANENT SLOPE BREAKERS SHOWN IN CULTIVATED AREAS AND LAWNS SHALL ONLY BE INSTALLED WITH THE LANDOWNER'S PERMISSION.</li> </ol>	<p><b>AREA:</b> _____</p> <p><b>DIV:</b> _____</p> <p>DRAFTER: HMM DATE: 01-12-15</p> <p>DRAFT. COORD: HMM DATE: 01-12-15</p> <p><b>Tennessee Gas Pipeline Company, L.L.C.</b> a Kinder Morgan company</p> <p><b>NORTHEAST ENERGY DIRECT PROJECT</b> <b>PROPOSED 30" PIPELINE</b> <b>SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT</b> <b>EROSION &amp; SEDIMENT CONTROL PLAN</b> <b>ALIGNMENT SHEET</b> <b>CHESHIRE COUNTY, NEW HAMPSHIRE</b></p> <p>DESIGN COORD: _____ DATE: _____ SCALE: 1 = 200' PROJ. ID: _____</p> <p>PROJECT COORD: _____ DATE: _____</p> <p>OPER. APPR: _____ DATE: _____</p> <p>E&amp;S_TE-SEG_I-007 0</p>
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0		ISSUE FOR FERC	11/2015	HMM	HMM																																																									



PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-between; width: 100%;"> <div style="text-align: center;"> <p>NH WD 32.05</p> <p>305+00 305+05</p> </div> <div style="text-align: center;"> <p>NH WD 32.06</p> <p>305+10 305+15</p> </div> <div style="text-align: center;"> <p>NH WD 32.06</p> <p>334+87 335+00</p> </div> </div>
PIPELINE STATIONING	<p>305+08 PROPERTY LINE</p> <p>305+11 PROPERTY LINE</p> <p>305+08 P.L. - 115°31'41" E</p> <p>305+11 P.L. - 115°31'41" E</p> <p>305+08 P.L. - 115°31'41" E</p> <p>305+11 P.L. - 115°31'41" E</p> <p>305+08 P.L. - 115°31'41" E</p> <p>305+11 P.L. - 115°31'41" E</p> <p>305+08 P.L. - 115°31'41" E</p> <p>305+11 P.L. - 115°31'41" E</p>

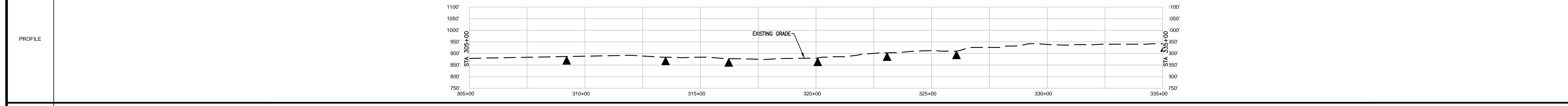


MATERIAL	
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COATING	
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DESIGN FACTOR	
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CLASS LOCATION	
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ENVIRONMENTAL	
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SOILS	
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**PROFILE LEGEND**

SLOPE BREAKERS ○

TRENCH PLUG ▲

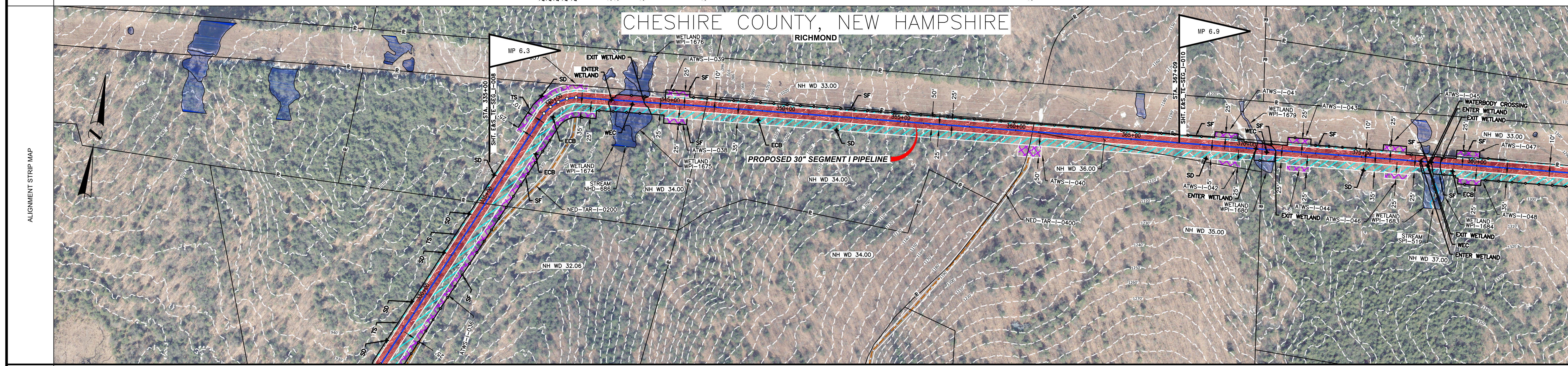
**NOTES**

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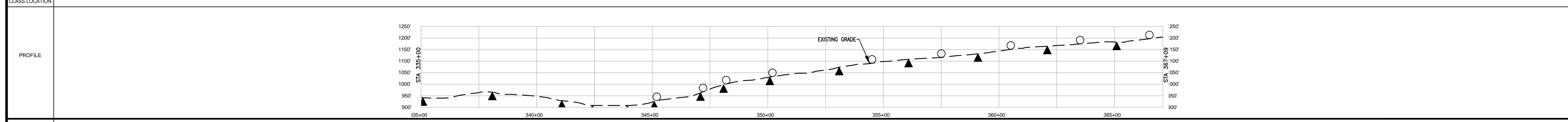
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0		ISSUE FOR FERC	11/2015	HMM	HMM																



PROTECTION EASEMENT	
LINE LIST	<p>335+00 NH WD 34.00 346+55 346+55 NH WD 34.00 360+72 360+72 NH WD 36.00 367+09 367+09</p>
PIPELINE STATIONING	<p>335+00 NH WD 34.00 346+55 346+55 NH WD 34.00 360+72 360+72 NH WD 36.00 367+09 367+09</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

**PROFILE LEGEND**

SLOPE BREAKERS ○

TRENCH PLUG ▲

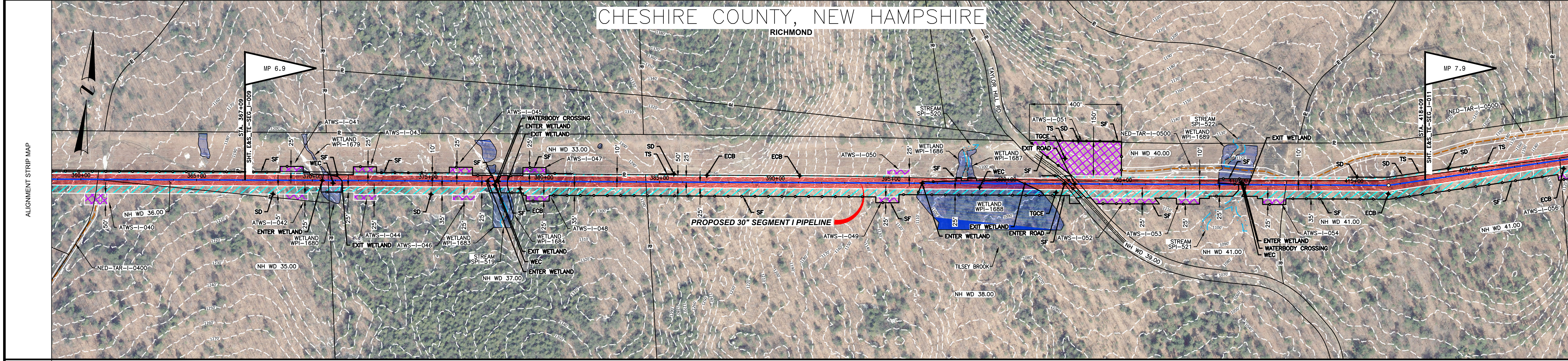
**LEGEND**

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	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		ACCESS ROAD
	EXISTING FIBER OPTIC LINE		FENCE LINE

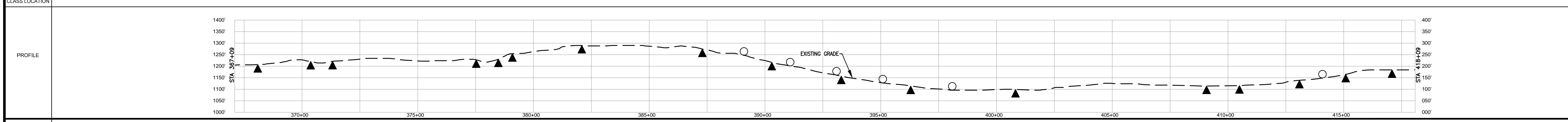
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E&S_TE-SEG_I-009		0																													



PROTECTION EASEMENT										
LINE LIST		NH WD 36.00	NH WD 37.00	NH WD 38.00	NH WD 41.00	NH WD 41.00				
PIPELINE STATIONING	367+09	370+69	384+41	403+16	412+07	418+09				
ALIGNMENT STRIP MAP	<p>370+42 EDGE OF WETLAND 370+69 PROPERTY LINE 371+27 EDGE OF WETLAND</p> <p>377+68 EDGE OF WETLAND 377+86 EDGE OF STREAM 378+03 EDGE OF WETLAND 378+43 EDGE OF STREAM 378+43 EDGE OF WETLAND</p> <p>384+41 PROPERTY LINE</p> <p>386+34 EDGE OF WETLAND</p> <p>400+77 EDGE OF WETLAND</p> <p>402+50 PROPERTY LINE 402+80 E. OF TAYLOR HILL RD 402+84 EDGE OF WETLAND 403+16 PROPERTY LINE</p> <p>410+01 EDGE OF STREAM 410+26 EDGE OF STREAM 410+45 EDGE OF WETLAND</p> <p>412+07 PROPERTY LINE</p> <p>418+09 E.A. # 3001 II</p>									



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

**PROFILE LEGEND**

SLOPE BREAKERS ○

TRENCH PLUG ▲

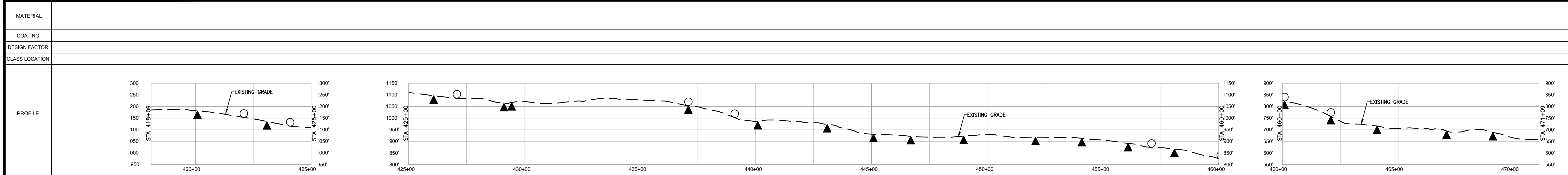
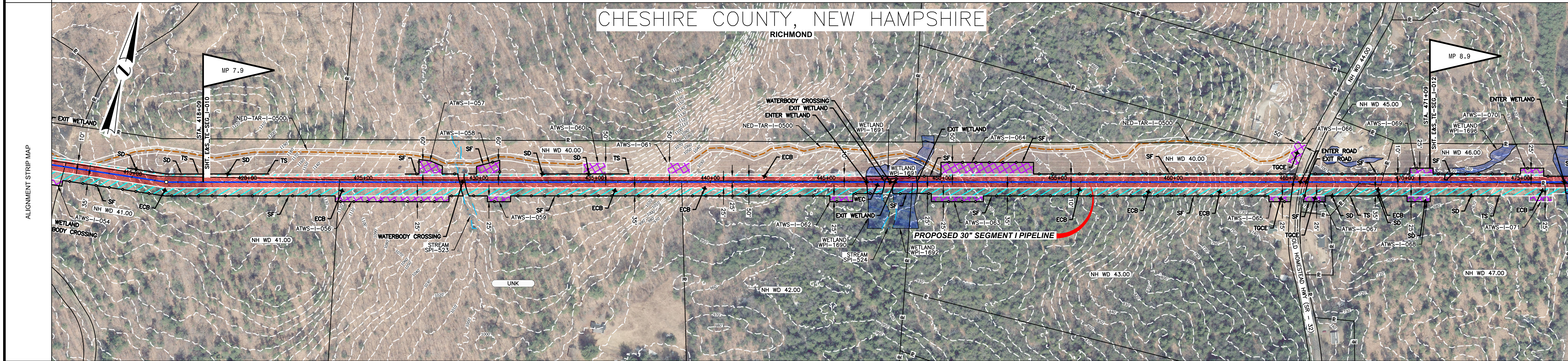
**LEGEND**

	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)
	WETLAND (PHOTO INTERPRETED)		WETLAND (DELINEATED)		STREAM (DELINEATED)
	STREAM (PHOTO INTERPRETED)		ACCESS ROAD		FENCE LINE

<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>EXISTING TENNESSEE GAS PIPELINE PERMANENT EASEMENTS ARE NOT DEPICTED IN THEIR ENTIRETY.</li> <li>PUBLIC WETLANDS ARE OBTAINED FROM THE NATIONAL WETLAND INVENTORY (NWI) (AS DEFINED IN RESOURCE REPORT 2.3).</li> <li>PUBLIC STREAMS ARE OBTAINED FROM THE NATIONAL HYDROGRAPHY DATASET. (NHD). (AS DEFINED IN RESOURCE REPORT 2.2)</li> <li>PHOTO INTERPRETED WETLANDS AND STREAMS ARE A RESULT OF A HIGH RESOLUTION PHOTOGRAPHIC INTERPOLATION.</li> <li>DELINEATED WETLANDS AND STREAMS ARE THE RESULT OF AN ENVIRONMENTAL GROUND SURVEY.</li> <li>PROPERTY LINES ARE BASED ON TAX MAPS AND ARE NOT THE RESULT OF A FULL BOUNDARY SURVEY.</li> <li>TRENCH PLUGS SHALL BE INSTALLED AT ALL ROAD CROSSINGS AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.</li> <li>PERMANENT SLOPE BREAKERS SHOWN IN CULTIVATED AREAS AND LAWNS SHALL ONLY BE INSTALLED WITH THE LANDOWNER'S PERMISSION.</li> </ol>	<p><b>REFERENCE DRAWINGS</b></p> <p>TYPICALS</p>	<p><b>REVISIONS</b></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><b>SCALE</b></p> <p>200 100 0 200 400</p> <p>IMAGERY: APRIL/MAY 2015</p>	<p><b>AREA:</b> HMM <b>DIVISION:</b> HMM</p> <p><b>DRAFTER:</b> HMM <b>COORDINATOR:</b> HMM</p> <p><b>DATE:</b> 01-12-15 <b>DATE:</b> 01-12-15</p> <p><b>Tennessee Gas Pipeline Company, L.L.C.</b> a Kinder Morgan company</p> <p><b>NORTHEAST ENERGY DIRECT PROJECT PROPOSED 30" PIPELINE SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT EROSION &amp; SEDIMENT CONTROL PLAN ALIGNMENT SHEET CHESHIRE COUNTY, NEW HAMPSHIRE</b></p> <p><b>DESIGN COORD:</b> HMM <b>PROJECT COORD:</b> HMM <b>OPER. APPR:</b></p> <p><b>DATE:</b> <b>DATE:</b></p> <p><b>SCALE:</b> 1 = 200' <b>PROJ. ID.:</b> E&amp;S_TE-SEG_I-010</p> <p><b>0</b></p>
NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR												
0		ISSUE FOR FERC	11/2015	HMM	HMM													



PROTECTION EASEMENT																				
LINE LIST		NH WD 41.00	NO DATA		NH WD 42.00		NH WD 43.00		NH WD 44.00		NH WD 45.00		NH WD 46.00		NH WD 47.00					
PIPELINE STATIONING		418+09	423+98		438+76		448+74		459+46		469+01		479+01		489+01					



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

**NOTES**

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**LEGEND**

	EXISTING PERMANENT EASEMENT		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		ACCESS ROAD
	EXISTING FIBER OPTIC LINE		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

DRAWN: HMM DATE: 01-12-15

COORD: \_\_\_\_\_

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

**NORTHEAST ENERGY DIRECT PROJECT**  
**PROPOSED 30" PIPELINE**  
**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**  
**EROSION & SEDIMENT CONTROL PLAN**  
**ALIGNMENT SHEET**  
**CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD: \_\_\_\_\_ DATE: \_\_\_\_\_ SCALE: 1 = 200' PROJ. ID: \_\_\_\_\_

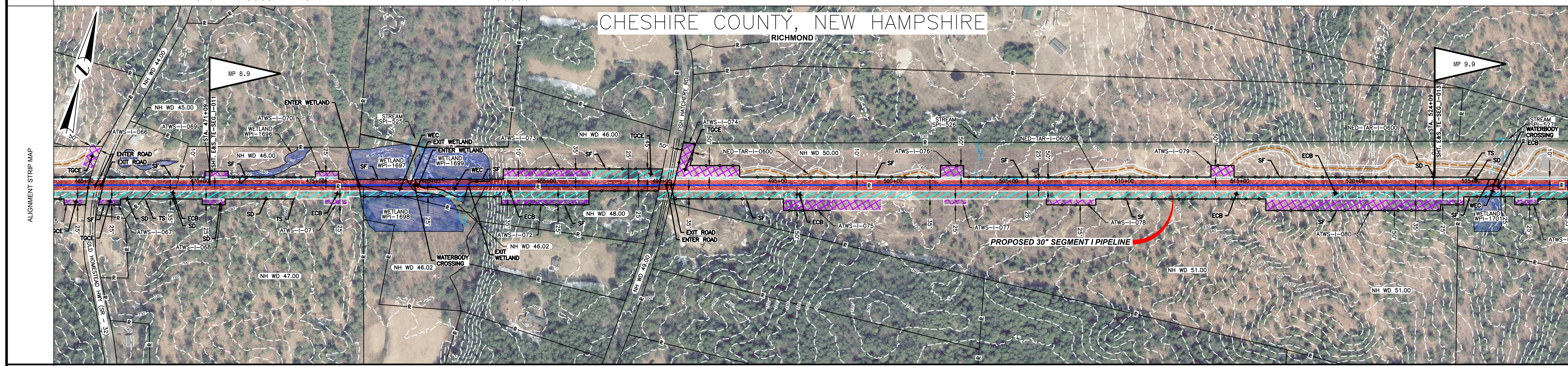
PROJECT COORD: \_\_\_\_\_ DATE: \_\_\_\_\_

OPER. APPR: \_\_\_\_\_ DATE: \_\_\_\_\_

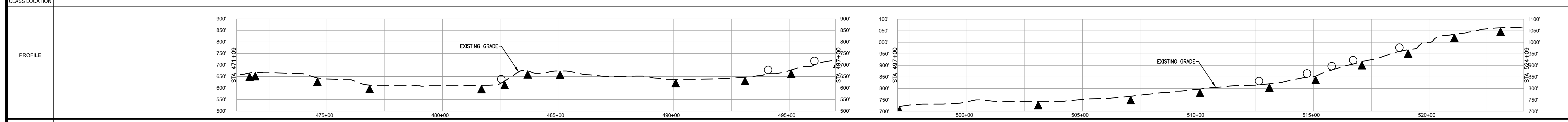
E&S\_TE-SEG\_I-011 0



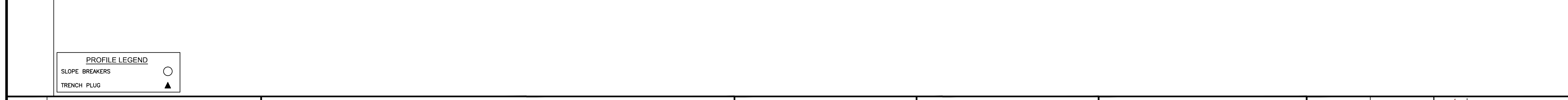
PROTECTION EASEMENT	
LINE LIST	NH WD 46.00
PIPELINE STATIONING	471+09 476+90 477+46 479+10 479+10 479+10 479+47 481+64 480+00 480+19 480+35 480+38 480+51 489+90 490+31 500+00 510+00



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	



**NOTES**

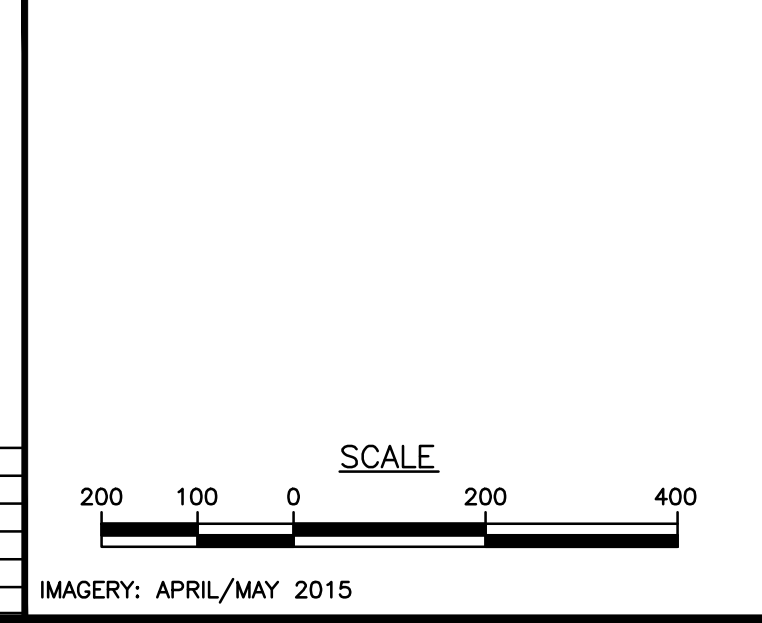
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**LEGEND**

	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				

**REFERENCE DRAWINGS**

TYPICALS	
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**REVISIONS**

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

**Tennessee Gas Pipeline Company, L.L.C.**  
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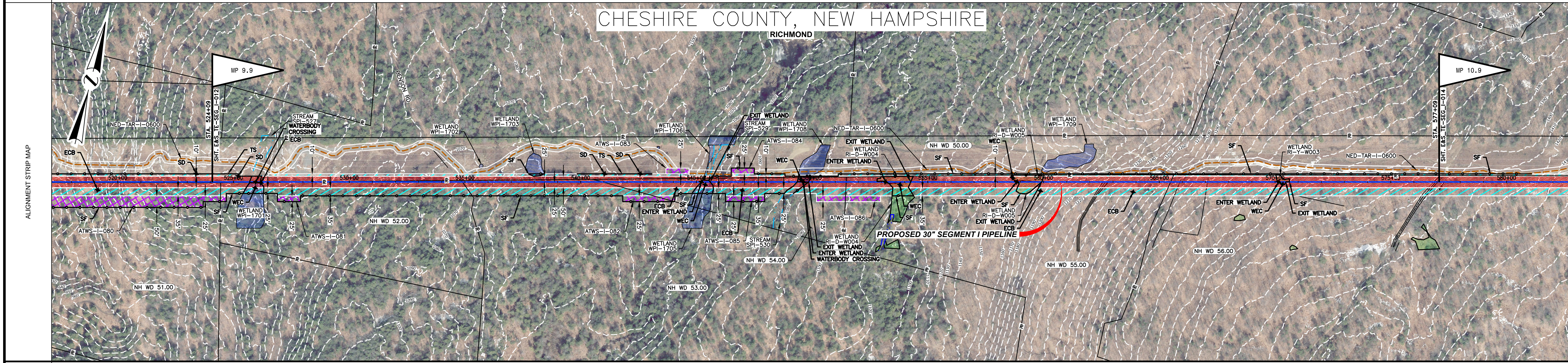
**NORTHEAST ENERGY DIRECT PROJECT  
PROPOSED 30" PIPELINE  
SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT  
EROSION & SEDIMENT CONTROL PLAN  
ALIGNMENT SHEET  
CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD:	DATE:	SCALE: 1 = 200'	PROJ. ID.:
PROJECT COORD:	DATE:		
OPER. APPR:	DATE:		

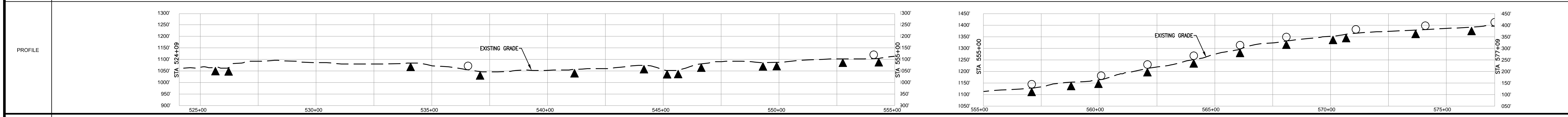
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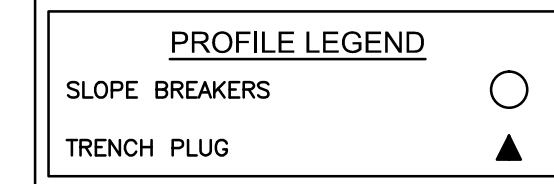
PROTECTION EASEMENT																
LINE LIST	524+08	NH WD 50.00	527+90	NH WD 52.00	534+89	NH WD 53.00	540+95	NH WD 54.00	551+47	NH WD 55.00	565+49	NH WD 56.00	572+69			
PIPELINE STATIONING		525+71 EDGE OF STREAM 526+17 EDGE OF STREAM	527+90 PROPERTY LINE		534+89 PROPERTY LINE 534+88 E. OF HENSON RD		540+95 PROPERTY LINE	545+02 EDGE OF WETLAND 545+09 EDGE OF WETLAND	549+36 EDGE OF STREAM 549+82 EDGE OF WETLAND 549+82 EDGE OF WETLAND 549+85 EDGE OF WETLAND	551+47 PROPERTY LINE	555+17 EDGE OF WETLAND	554+14 EDGE OF WETLAND 554+26 EDGE OF WETLAND	558+84 EDGE OF WETLAND 559+92 EDGE OF WETLAND	565+49 PROPERTY LINE 565+89 WALL	567+08 WALL	570+15 EDGE OF WETLAND 570+47 EDGE OF WETLAND



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	



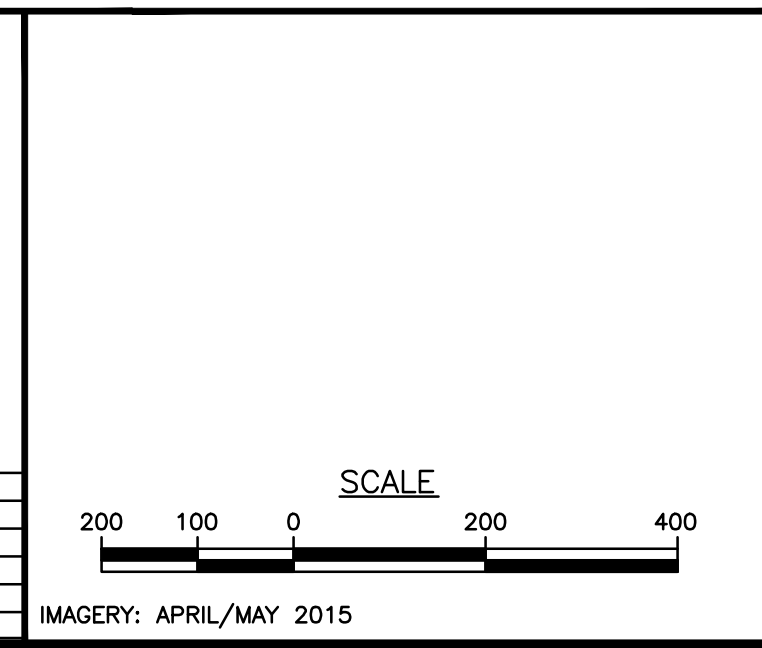
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**LEGEND**

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	S	WETLAND (DELINEATED)
EXISTING TENNESSEE GAS PIPELINE	ST	STREAM (DELINEATED)
EXISTING FOREIGN PIPELINE	STP	STREAM (PHOTO INTERPRETED)
OVERHEAD POWER LINE	OH	ACCESS ROAD
EXISTING FIBER OPTIC LINE	F	FENCE LINE

**REFERENCE DRAWINGS**


**TYPICALS**



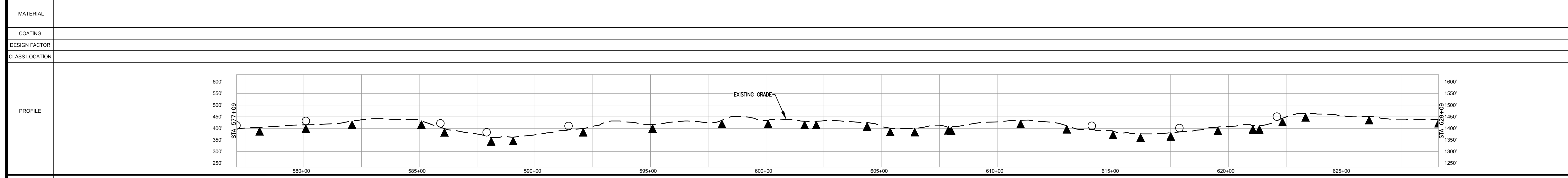
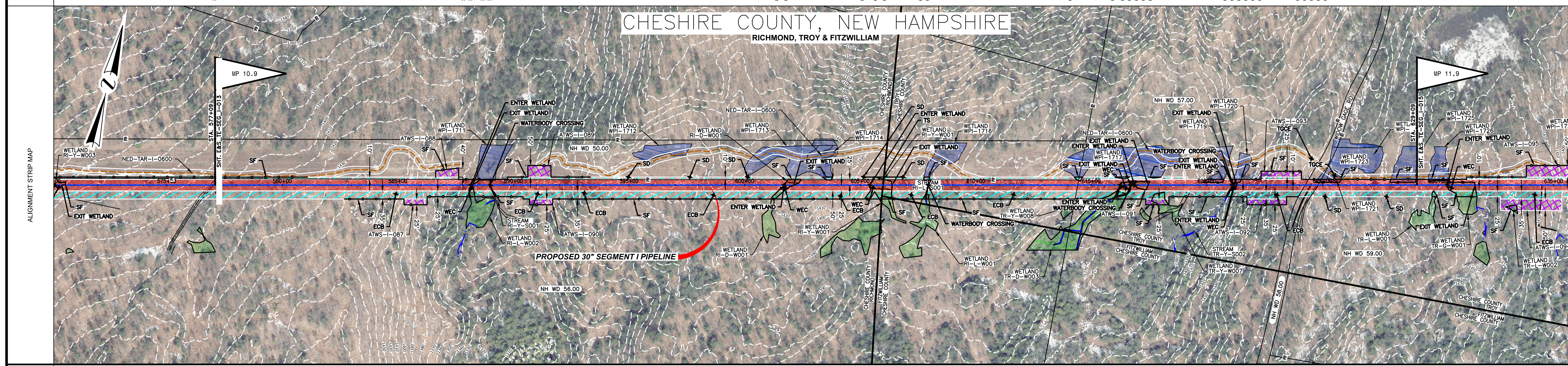
**REVISIONS**

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

AREA:	DIV.:	
DRAFTER: HMM	DATE: 01-12-15	
PROJECT COORD: HMM	DATE: 01-12-15	
<b>NORTHEAST ENERGY DIRECT PROJECT PROPOSED 30" PIPELINE SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT EROSION &amp; SEDIMENT CONTROL PLAN ALIGNMENT SHEET CHESHIRE COUNTY, NEW HAMPSHIRE</b>		
DESIGN COORD:	DATE:	SCALE: 1 = 200'
PROJECT COORD:	DATE:	PROJ. ID.:
OPER. APPR:	DATE:	E&S_TE-SEG_I-013
		0



PROTECTION EASEMENT	
LINE LIST	NH WD 56.00
PIPELINE STATIONING	NH WD 57.00
	NH WD 59.00



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

**PROFILE LEGEND**

- SLOPE BREAKERS ○
- TRENCH PLUG ▲

**NOTES**

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**LEGEND**

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

PROJECT COORD: HMM DATE: 01-12-15

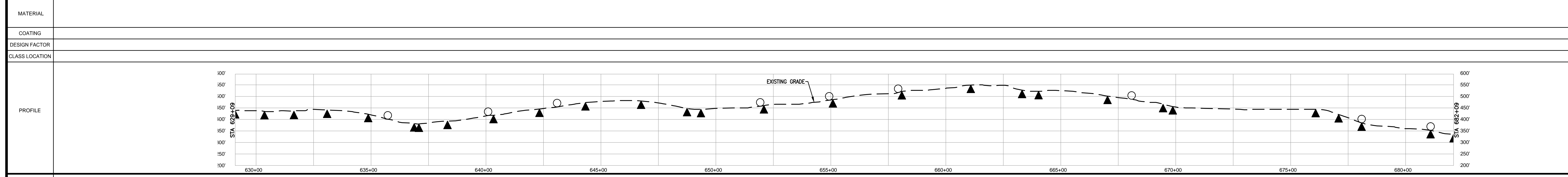
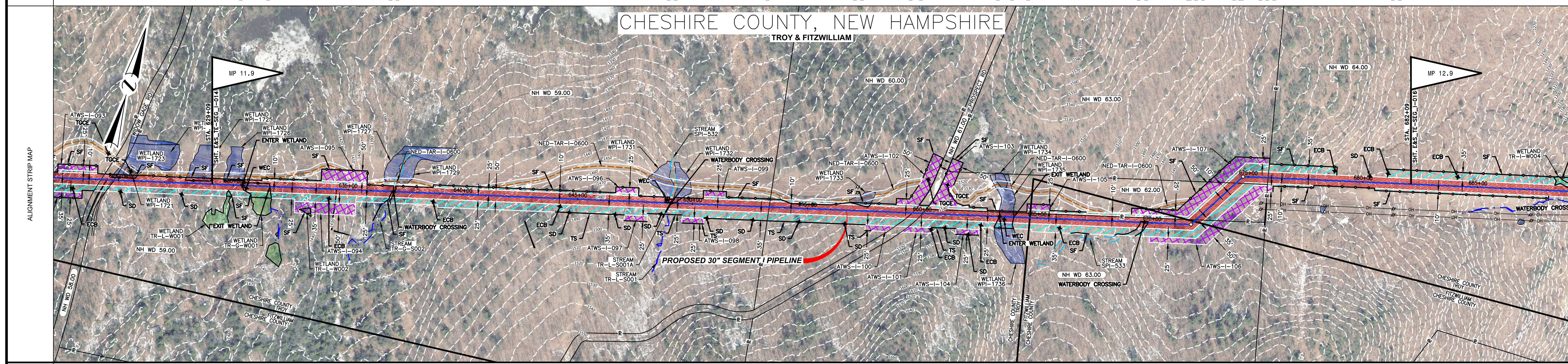
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**NORTHEAST ENERGY DIRECT PROJECT**  
**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**  
**EROSION & SEDIMENT CONTROL PLAN**  
**ALIGNMENT SHEET**  
**CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S\_TE-SEG\_I-014 0



PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>NH WD 59.00</p> <p>NH WD 60.00</p> <p>NH WD 63.00</p> <p>NH WD 62.00</p> <p>NH WD 63.00</p> <p>NH WD 64.00</p> </div> <div style="width: 20%;"> <p>829+09</p> <p>830+41 EDGE OF WETLAND</p> <p>831+60 EDGE OF WETLAND</p> <p>836+03 EDGE OF STREAM</p> <p>837+03 EDGE OF STREAM</p> <p>849+04 EDGE OF STREAM</p> <p>849+07 EDGE OF STREAM</p> <p>853+34</p> <p>859+57</p> <p>860+02</p> <p>863+37 EDGE OF WETLAND</p> <p>863+99 EDGE OF WETLAND</p> <p>864+89 MUNICIPAL LINE</p> <p>869+50 EDGE OF STREAM</p> <p>869+83 EDGE OF STREAM</p> <p>871+00 P.L. = 44°55'58" LT.</p> <p>871+89 MUNICIPAL LINE</p> <p>872+00 PROPERTY LINE</p> <p>874+36</p> <p>874+37 P.L. = 44°58'28" RT.</p> <p>875+61 UTILITY POLE 112' RT.</p> <p>875+61 UTILITY POLE 138' RT.</p> <p>875+87 PROPERTY LINE</p> <p>881+38 UTILITY POLE 111' RT.</p> <p>881+38 UTILITY POLE 137' RT.</p> </div> </div>
PIPELINE STATIONING	



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)		OVERHEAD POWER LINE		EXISTING FIBER OPTIC LINE
	WETLAND (PHOTO INTERPRETED)		FENCE LINE		

**REFERENCE DRAWINGS**

TYPICALS

**REVISIONS**

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
0		ISSUE FOR FER	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

**OPER:**

**APPR:**

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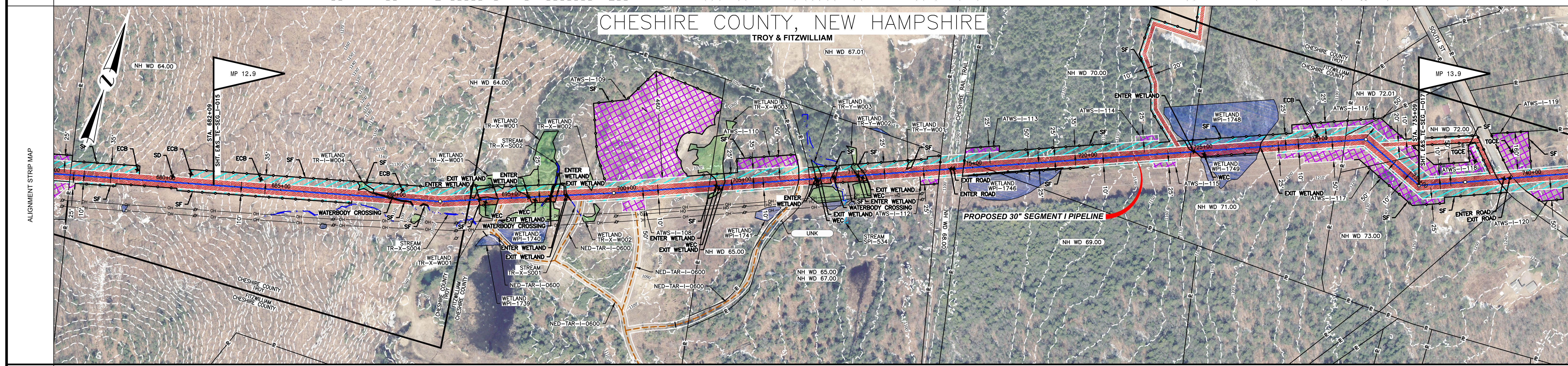
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**ALIGNMENT SHEET**  
**CHESHIRE COUNTY, NEW HAMPSHIRE**

**SCALE: 1 = 200'** **PROJ. ID.:**

**E&S\_TE-SEG\_I-015** **0**



PROTECTION EASEMENT	
LINE LIST	<p>NH WD 64.00</p> <p>NH WD 65.00</p> <p>NH WD 66.00</p> <p>NH WD 67.00</p> <p>NH WD 68.00</p> <p>NH WD 69.00</p> <p>NH WD 70.00</p> <p>NH WD 71.00</p> <p>NH WD 72.00</p> <p>NH WD 73.00</p>
PIPELINE STATIONING	<p>887+38 UTILITY POLE 110' RT.</p> <p>887+58 UTILITY POLE 125' RT.</p> <p>889+73 EDGE OF STREAM</p> <p>889+91 EDGE OF STREAM</p> <p><b>WELLS PL. - 050201 II</b></p> <p>892+53 UTILITY POLE 182' RT.</p> <p>892+54 UTILITY POLE 130' RT.</p> <p>892+56 UTILITY POLE 97' RT.</p> <p>893+20 MUNICIPAL LINE</p> <p>893+91 EDGE OF WETLAND</p> <p>894+41 EDGE OF WETLAND</p> <p>895+74 EDGE OF WETLAND</p> <p>896+68 EDGE OF STREAM</p> <p>896+68 EDGE OF WETLAND</p> <p>896+73 EDGE OF STREAM</p> <p>896+73 EDGE OF WETLAND</p> <p>897+38 EDGE OF WETLAND</p> <p>897+38 EDGE OF WETLAND</p> <p>897+44 EDGE OF WETLAND</p> <p><b>WELLS PL. - 050201 II</b></p> <p>899+46 UTILITY POLE 100' RT.</p> <p>899+46 UTILITY POLE 126' RT.</p> <p>703+57 PROPERTY LINE</p> <p>703+87 EDGE OF WETLAND</p> <p>704+20 EDGE OF WETLAND</p> <p>705+02 UTILITY POLE 124' RT.</p> <p>705+03 UTILITY POLE 89' RT.</p> <p>707+46 PROPERTY LINE</p> <p>707+82 PROPERTY LINE</p> <p>708+19 EDGE OF WETLAND</p> <p>708+88 EDGE OF STREAM</p> <p>708+88 EDGE OF WETLAND</p> <p>709+06 EDGE OF STREAM</p> <p>710+02 EDGE OF WETLAND</p> <p>710+34 EDGE OF WETLAND</p> <p>713+73 UTILITY POLE 03' RT.</p> <p>712+73 UTILITY POLE 88' RT.</p> <p>713+57 PROPERTY LINE</p> <p>714+60 PROPERTY LINE</p> <p>715+38 PROPERTY LINE</p> <p>724+47 PROPERTY LINE</p> <p>724+59 EDGE OF WETLAND</p> <p>727+47 EDGE OF WETLAND</p> <p>731+15 PROPERTY LINE</p> <p><b>WELLS PL. - 050201 II</b></p> <p>733+51 PROPERTY LINE</p>

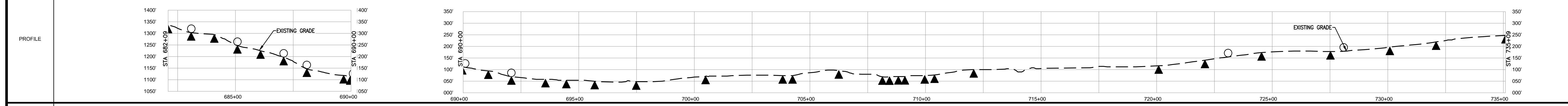


MATERIAL	
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COATING	
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DESIGN FACTOR	
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CLASS LOCATION	
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ENVIRONMENTAL	
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SOILS	
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PROFILE LEGEND	
SLOPE BREAKERS	○
TRENCH PLUG	▲

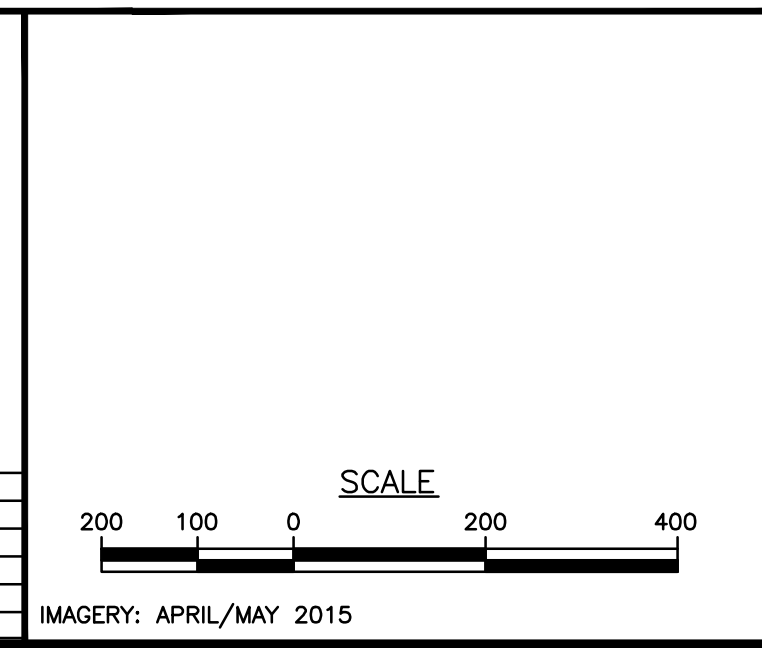
- NOTES**
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**LEGEND**

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	—S—	WETLAND (DELINEATED)
EXISTING TENNESSEE GAS PIPELINE	—D—	STREAM (DELINEATED)
EXISTING FOREIGN PIPELINE	—O—	STREAM (PHOTO INTERPRETED)
OVERHEAD POWER LINE	—A—	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	

AREA: DIV: DATE: 01-12-15

DRAFTER: HMM DATE: 01-12-15

PROJECT COORD: HMM

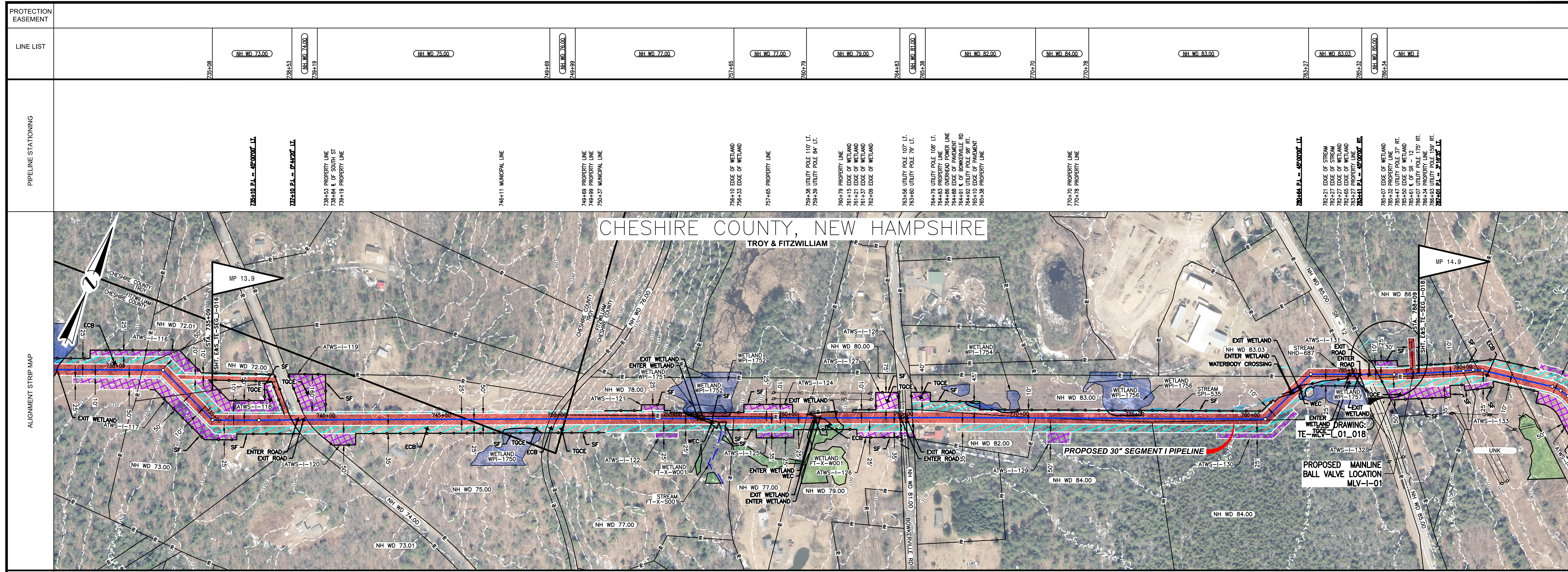
**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

**NORTHEAST ENERGY DIRECT PROJECT  
PROPOSED 30" PIPELINE  
SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT  
EROSION & SEDIMENT CONTROL PLAN  
ALIGNMENT SHEET  
CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S\_TE-SEG\_I-016

OPER. APPR: DATE: 0



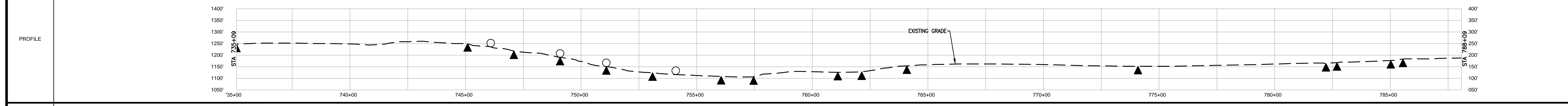


MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION



ENVIRONMENTAL

SOILS

**PROFILE LEGEND**

- SLOPE BREAKERS (○)
- TRENCH PLUG (▲)

**NOTES**

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**LEGEND**

- EXISTING PERMANENT EASEMENT (Dotted line)
- PROPOSED PERMANENT EASEMENT (Red line)
- TEMPORARY WORKSPACE (Purple line)
- ADDITIONAL TEMPORARY WORKSPACE (ATWS) (Green line)
- POTENTIAL STAGING AREA (Green line)
- PROPOSED PIPELINE (Blue line)
- EXISTING TENNESSEE GAS PIPELINE (Red line)
- EXISTING FOREIGN PIPELINE (Blue line)
- OVERHEAD POWER LINE (Black line)
- EXISTING FIBER OPTIC LINE (Black line)
- LINE LIST NUMBER (Black line)
- PROPERTY LINE (Black line)
- MUNICIPAL LINE (Black line)
- WETLAND (PUBLIC) (Blue area)
- WETLAND (PHOTO INTERPRETED) (Green area)
- WETLAND (DELINEATED) (Blue area)
- STREAM (DELINEATED) (Blue line)
- STREAM (PHOTO INTERPRETED) (Blue line)
- STREAM (PUBLIC) (Blue line)
- ACCESS ROAD (Black line)
- FENCE LINE (Black line)

**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 DATE: 01-12-15  
**DRAFT:** HMM DATE: 01-12-15

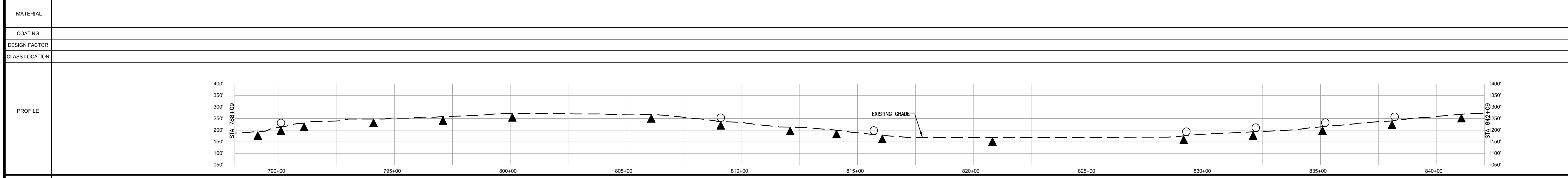
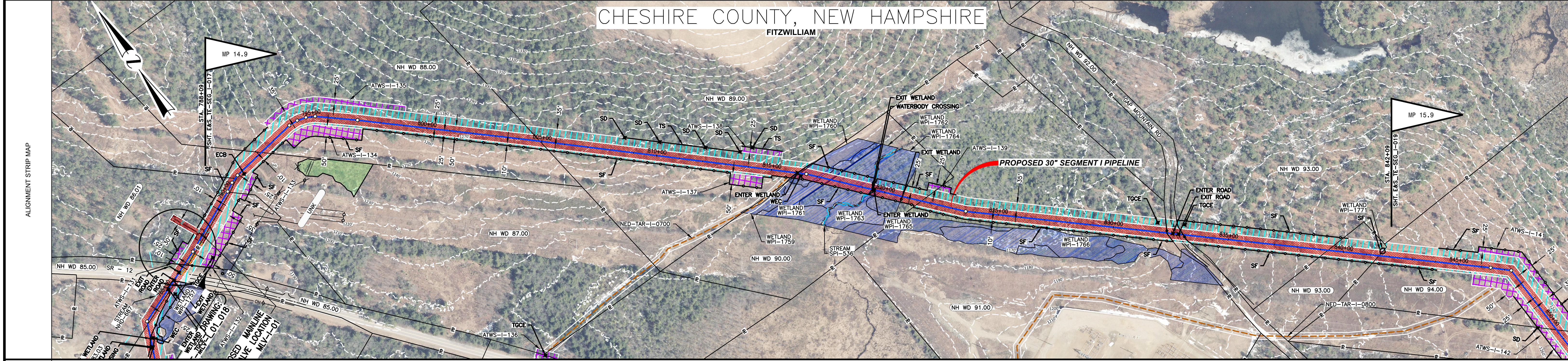
**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

**NORTHEAST ENERGY DIRECT PROJECT  
SEGMENT I PROPOSED 30" PIPELINE  
EROSION & SEDIMENT CONTROL PLAN  
ALIGNMENT SHEET  
CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID.:  
PROJECT COORD: DATE: E&S\_TE-SEG\_I-017 0  
OPER. APPR: DATE:



PROTECTION EASEMENT	
LINE LIST	<p>NH WD 86.00</p> <p>NH WD 87.00</p> <p>NH WD 88.00</p> <p>NH WD 89.00</p> <p>NH WD 90.00</p> <p>NH WD 91.00</p> <p>NH WD 93.00</p> <p>NH WD 93.00</p> <p>NH WD 94.00</p>
PIPELINE STATIONING	<p>788+43 UTILITY POLE 181' RT. E.C.B. P.L. = 121824' E.C.B.</p> <p>790+47 PROPERTY LINE</p> <p>791+59 UTILITY POLE 179' RT. 792+26 PROPERTY LINE</p> <p>793+06 P.L. = 121824' E.C.B.</p> <p>793+26 P.L. = 121824' E.C.B.</p> <p>793+39 P.L. = 121824' E.C.B.</p> <p>798+38 P.L. = 122824' E.C.B.</p> <p>804+92 PROPERTY LINE</p> <p>816+10 EDGE OF WETLAND</p> <p>816+23 PROPERTY LINE</p> <p>816+52 P.L. = 121824' E.C.B.</p> <p>817+17 EDGE OF WETLAND</p> <p>817+63 EDGE OF WETLAND</p> <p>819+44 EDGE OF STREAM</p> <p>819+44 EDGE OF WETLAND</p> <p>819+52 EDGE OF STREAM</p> <p>819+52 EDGE OF WETLAND</p> <p>819+85 EDGE OF WETLAND</p> <p>820+78 EDGE OF WETLAND</p> <p>821+43 PROPERTY LINE</p> <p>823+58 P.L. = 71824' E.C.B.</p> <p>832+34 PROPERTY LINE</p> <p>832+34 EDGE OF WETLAND</p> <p>832+79 EDGE OF WETLAND</p> <p>833+04 PROPERTY LINE</p> <p>839+33 PROPERTY LINE</p> <p>841+55 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

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**LEGEND**

EXISTING PERMANENT EASEMENT	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	ACCESS ROAD
EXISTING FIBER OPTIC LINE	FENCE LINE

**REFERENCE DRAWINGS**

TYPICALS

**REVISIONS**

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

**SCALE**

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

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

DRAFTER: HMM DATE: 01-12-15

COORD: HMM DATE: 01-12-15

**NORTHEAST ENERGY DIRECT PROJECT**

**PROPOSED 30" PIPELINE**

**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**

**EROSION & SEDIMENT CONTROL PLAN**

**ALIGNMENT SHEET**

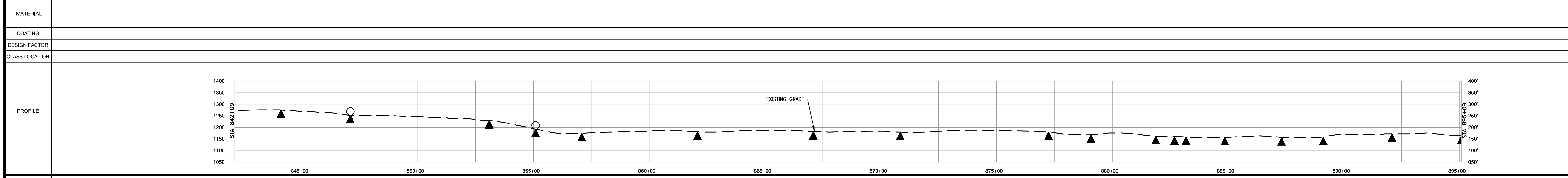
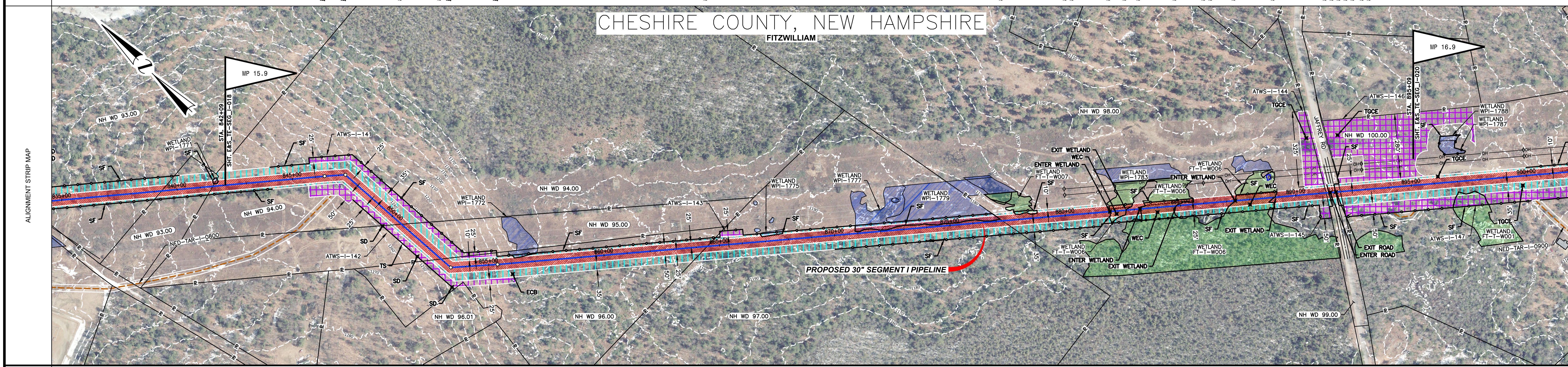
**CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S\_TE-SEG\_I-018 0

PROJECT COORD: DATE: OPER. APPR: DATE:



PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-between; width: 100%;"> <div>842+09</div> <div>NH WD 94.00</div> <div>NH WD 95.00</div> <div>NH WD 96.00</div> <div>NH WD 97.00</div> <div>NH WD 98.00</div> <div>881+32</div> <div>NH WD 99.00</div> <div>NH WD 100.00</div> <div>885+09</div> </div>
PIPELINE STATIONING	<div style="display: flex; justify-content: space-between; width: 100%;"> <div>842+09</div> <div>843+00</div> <div>844+00</div> <div>845+00</div> <div>846+00</div> <div>847+00</div> <div>848+00</div> <div>849+00</div> <div>850+00</div> <div>851+00</div> <div>852+00</div> <div>853+00</div> <div>854+00</div> <div>855+00</div> <div>856+00</div> <div>857+00</div> <div>858+00</div> <div>859+00</div> <div>860+00</div> <div>861+00</div> <div>862+00</div> <div>863+00</div> <div>864+00</div> <div>865+00</div> <div>866+00</div> <div>867+00</div> <div>868+00</div> <div>869+00</div> <div>870+00</div> <div>871+00</div> <div>872+00</div> <div>873+00</div> <div>874+00</div> <div>875+00</div> <div>876+00</div> <div>877+00</div> <div>878+00</div> <div>879+00</div> <div>880+00</div> <div>881+00</div> <div>882+00</div> <div>883+00</div> <div>884+00</div> <div>885+00</div> <div>886+00</div> <div>887+00</div> <div>888+00</div> <div>889+00</div> <div>890+00</div> <div>891+00</div> <div>892+00</div> <div>893+00</div> <div>894+00</div> <div>895+00</div> </div>



ENVIRONMENTAL	
SOILS	

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**LEGEND**

	EXISTING PERMANENT EASEMENT		PROPOSED PERMANENT EASEMENT		PA HG3 400.00	LINE LIST NUMBER
	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

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

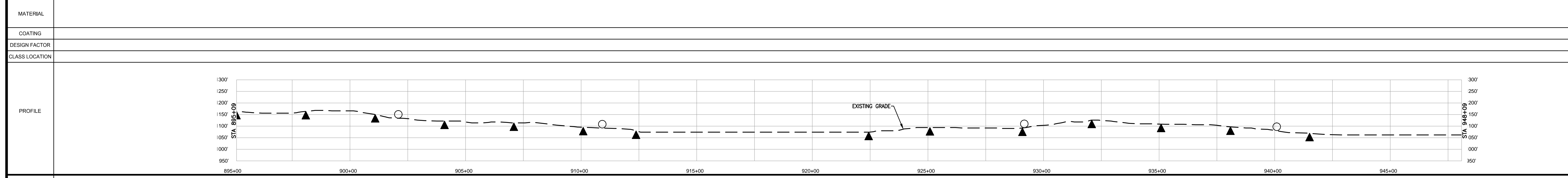
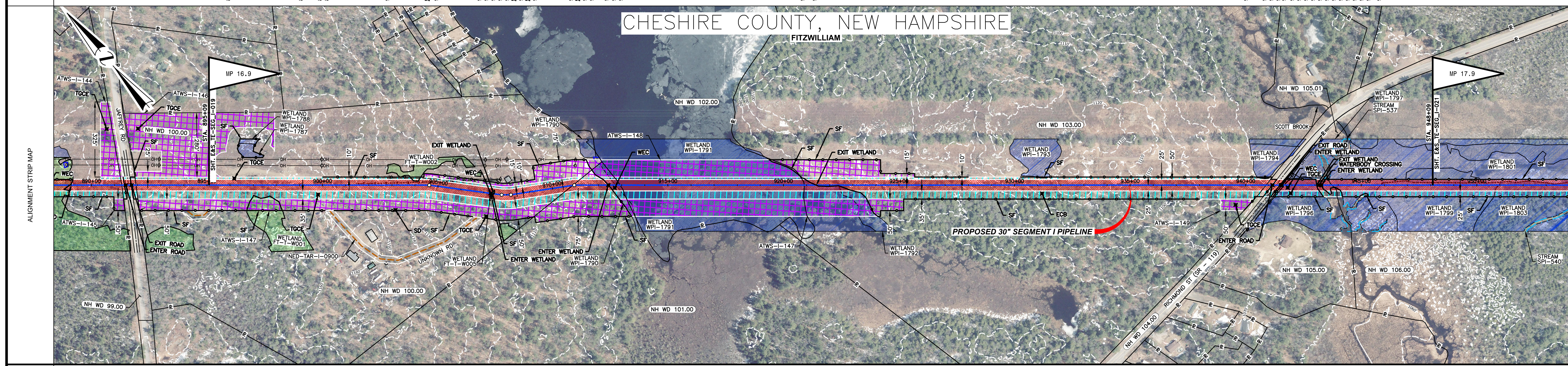
**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

**NORTHEAST ENERGY DIRECT PROJECT  
PROPOSED 30" PIPELINE  
SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT  
EROSION & SEDIMENT CONTROL PLAN  
ALIGNMENT SHEET  
CHESHIRE COUNTY, NEW HAMPSHIRE**

SCALE: 1 = 200' PROJ. ID.: E&S\_TE-SEG\_I-019 0



PROTECTION EASEMENT	
LINE LIST	<p>895+09</p> <p>NH WD 100.00</p> <p>910+88</p> <p>NH WD 101.00</p> <p>912+43</p> <p>NH WD 102.00</p> <p>920+90</p> <p>NH WD 103.00</p> <p>940+88</p> <p>NH WD 104.00</p> <p>941+57</p> <p>NH WD 105.00</p> <p>943+73</p> <p>NH WD 106.00</p>
PIPELINE STATIONING	<p>895+00 E OF UNKNOWN RD</p> <p>899+14 E OF UNKNOWN RD</p> <p>899+96 UTILITY POLE 112' LT.</p> <p>899+97 UTILITY POLE 84' LT.</p> <p>902+88 UTILITY POLE 31' LT.</p> <p>904+82 PL - 23705' RT.</p> <p>905+00 UTILITY POLE 33' LT.</p> <p>906+88 UTILITY POLE 141' LT.</p> <p>906+89 UTILITY POLE 115' LT.</p> <p>907+30 EDGE OF WETLAND</p> <p>907+44 EDGE OF WETLAND</p> <p>907+58 PL - 83075' LT.</p> <p>908+02 UTILITY POLE 153' LT.</p> <p>908+18 PL - 83072' LT.</p> <p>908+55 E OF UNKNOWN RD</p> <p>910+88 PROPERTY LINE</p> <p>910+89 UTILITY POLE 84' LT.</p> <p>911+01 UTILITY POLE 110' LT.</p> <p>912+42 EDGE OF WETLAND</p> <p>912+74 EDGE OF WETLAND</p> <p>912+93 PROPERTY LINE</p> <p>920+90 PROPERTY LINE</p> <p>921+42 EDGE OF WETLAND</p> <p>940+88 UTILITY POLE 189' RT.</p> <p>940+88 PROPERTY LINE</p> <p>941+05 UTILITY POLE 73' RT.</p> <p>941+23 E OF UNKNOWN RD</p> <p>941+48 EDGE OF WETLAND</p> <p>941+56 EDGE OF WETLAND</p> <p>941+65 OVERHEAD POWER LINE</p> <p>942+01 UTILITY POLE 43' LT.</p> <p>942+01 UTILITY POLE 44' LT.</p> <p>943+07 EDGE OF WETLAND</p> <p>943+07 EDGE OF WETLAND</p> <p>943+28 EDGE OF WETLAND</p> <p>943+28 UTILITY POLE 197' LT.</p> <p>943+73 PROPERTY LINE</p> <p>945+84 EDGE OF WETLAND</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

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**LEGEND**

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

**REFERENCE DRAWINGS**

TYPICALS

**SCALE**

IMAGERY: APRIL/MAY 2015

**REVISIONS**

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

**AREA:** HMM  
**DIVISION:** HMM  
**DRAFTER:** HMM  
**PROJECT COORD:** HMM

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

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

**NORTHEAST ENERGY DIRECT PROJECT  
PROPOSED 30" PIPELINE  
SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT  
EROSION & SEDIMENT CONTROL PLAN  
ALIGNMENT SHEET  
CHESHIRE COUNTY, NEW HAMPSHIRE**

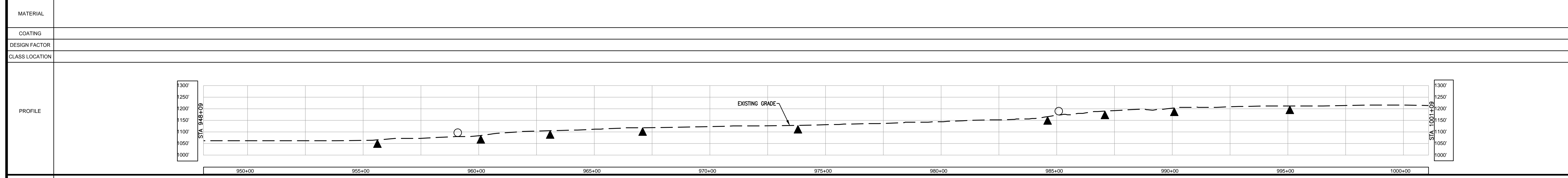
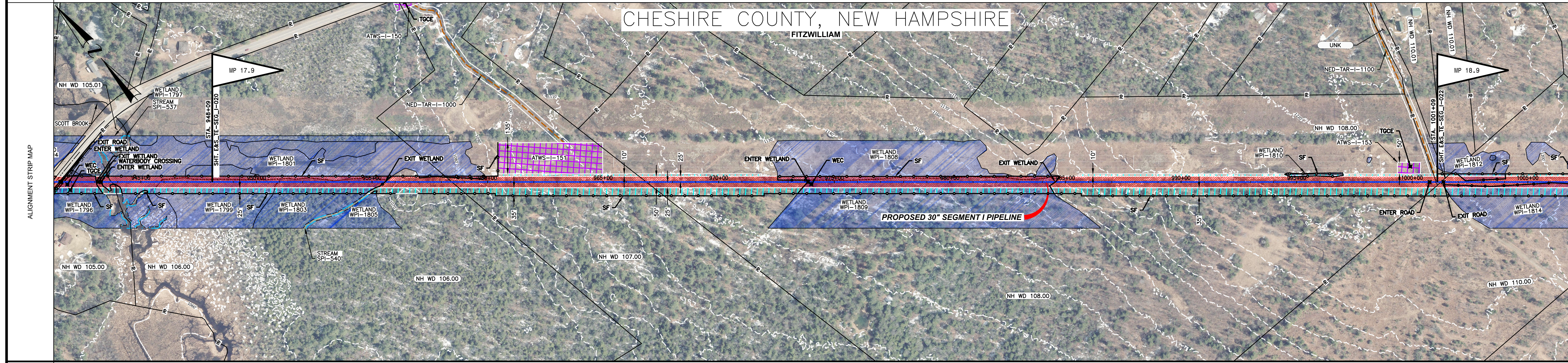
**DESIGN COORD:** HMM  
**PROJECT COORD:** HMM  
**OPER. APPR:**

**DATE:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_

**SCALE:** 1 = 200'  
**PROJ. ID:** E&S\_TE-SEG\_I-020  
**0**



PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>NH WD 105.00</p> <p>NH WD 106.00</p> <p>NH WD 107.00</p> <p>NH WD 108.00</p> </div> <div style="width: 60%; text-align: center;"> <p>950+84 EDGE OF WETLAND</p> <p>955+57 EDGE OF WETLAND</p> <p>958+46 PROPERTY LINE</p> <p>966+87 PROPERTY LINE</p> <p>973+86 EDGE OF WETLAND</p> <p>984+56 EDGE OF WETLAND</p> <p>1001+04 PROPERTY LINE</p> </div> <div style="width: 20%;"> <p>958+09</p> <p>966+87</p> <p>1001+04</p> <p>1001+09</p> </div> </div>
PIPELINE STATIONING	



ENVIRONMENTAL	
SOILS	

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**LEGEND**

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

**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 DATE: 01-12-15

COORD: HMM DATE: 01-12-15

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

**NORTHEAST ENERGY DIRECT PROJECT**  
**PROPOSED 30" PIPELINE**  
**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**  
**EROSION & SEDIMENT CONTROL PLAN**  
**ALIGNMENT SHEET**  
**CHESHIRE COUNTY, NEW HAMPSHIRE**

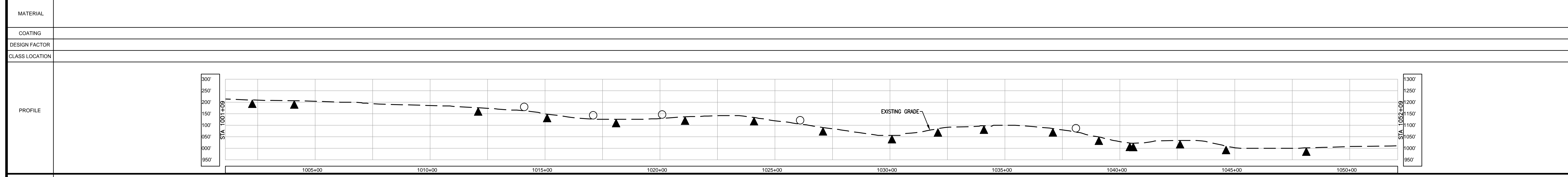
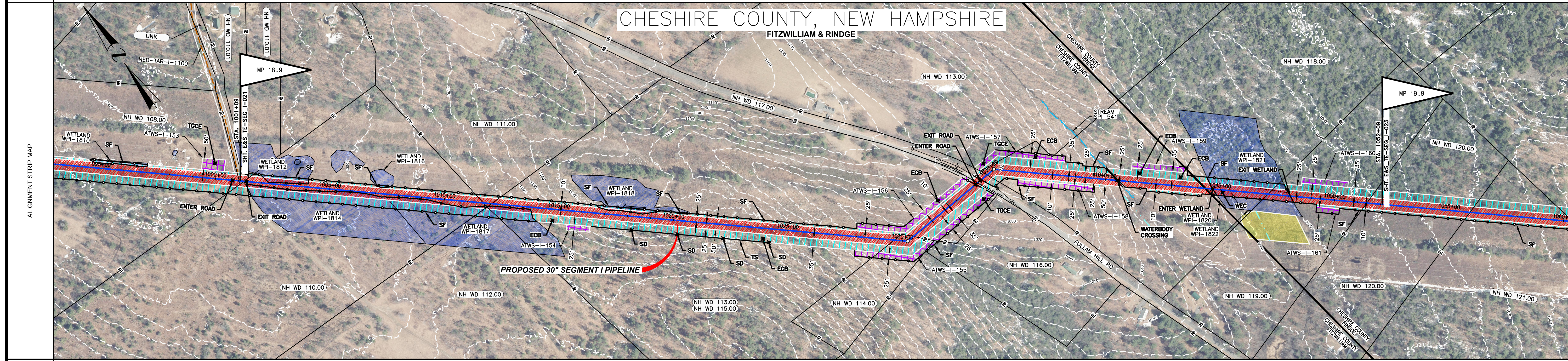
DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID:

PROJECT COORD: DATE: E&S\_TE-SEG\_I-021 0

OPER. APPR: DATE:



PROTECTION EASEMENT	
LINE LIST	
PIPELINE STATIONING	<p>1001+09 NH WD 110.00</p> <p>1001+25 NH WD 110.00</p> <p>1011+70 NH WD 111.00</p> <p>1012+06 NH WD 111.00</p> <p>1029+66 NH WD 113.00</p> <p>1030+56 NH WD 113.00</p> <p>1031+46 NH WD 114.00</p> <p>1032+56 NH WD 115.00</p> <p>1033+46 NH WD 115.00</p> <p>1034+19 NH WD 116.00</p> <p>1034+73 NH WD 116.00</p> <p>1045+45 NH WD 118.00</p> <p>1047+10 NH WD 119.00</p> <p>1048+06 NH WD 119.00</p> <p>1051+41 NH WD 120.00</p> <p>1052+09 NH WD 120.00</p>

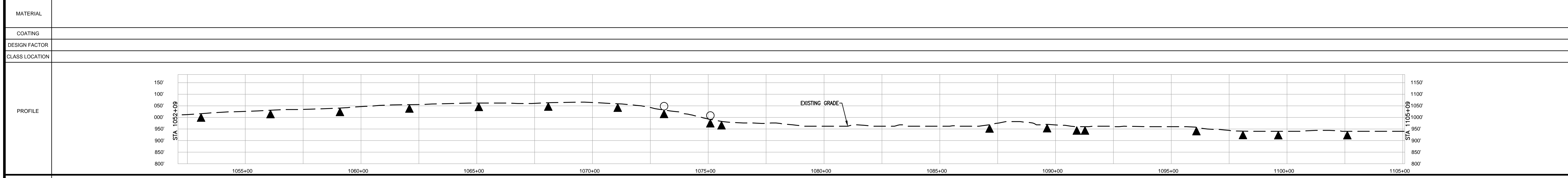
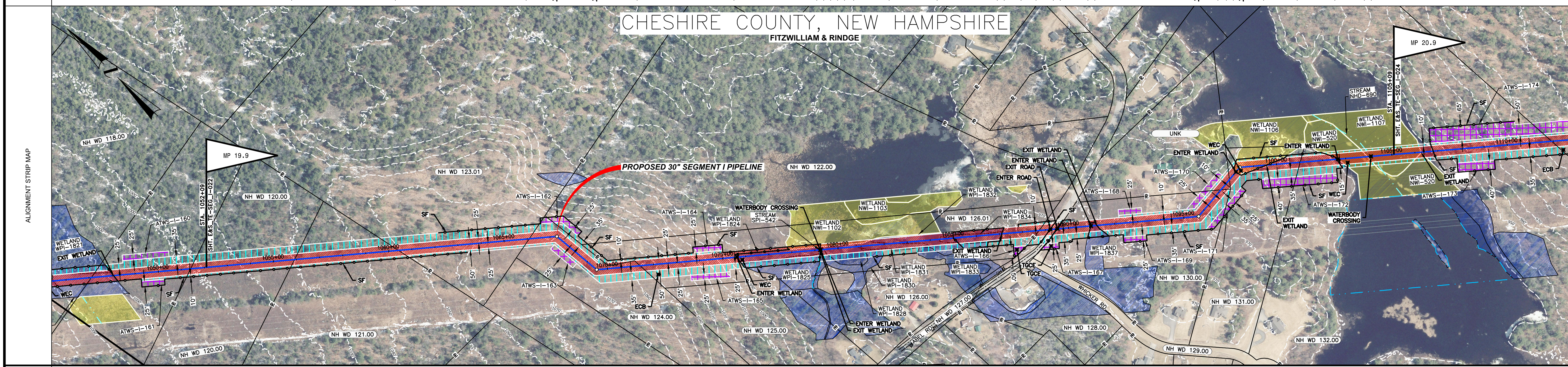


MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

<p><b>PROFILE LEGEND</b></p> <p>SLOPE BREAKERS ○</p> <p>TRENCH PLUG ▲</p>		<p><b>LEGEND</b></p> <p>EXISTING PERMANENT EASEMENT</p> <p>PROPOSED PERMANENT EASEMENT</p> <p>TEMPORARY WORKSPACE</p> <p>ADDITIONAL TEMPORARY WORKSPACE (ATWS)</p> <p>POTENTIAL STAGING AREA</p> <p>PROPOSED PIPELINE</p> <p>EXISTING TENNESSEE GAS PIPELINE</p> <p>EXISTING FOREIGN PIPELINE</p> <p>OVERHEAD POWER LINE</p> <p>EXISTING FIBER OPTIC LINE</p>		<p><b>LEGEND</b></p> <p>PA HG3 400.00</p> <p>LINE LIST NUMBER</p> <p>PROPERTY LINE</p> <p>MUNICIPAL LINE</p> <p>WETLAND (PUBLIC)</p> <p>WETLAND (PHOTO INTERPRETED)</p> <p>WETLAND (DELINEATED)</p> <p>STREAM (DELINEATED)</p> <p>STREAM (PHOTO INTERPRETED)</p> <p>ACCESS ROAD</p> <p>FENCE LINE</p>		<p><b>REFERENCE DRAWINGS</b></p> <p>TYPICALS</p>		<p><b>REVISIONS</b></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><b>SCALE</b></p> <p>200 100 0 200 400</p> <p>IMAGERY: APRIL/MAY 2015</p>		<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>EXISTING TENNESSEE GAS PIPELINE PERMANENT EASEMENTS ARE NOT DEPICTED IN THEIR ENTIRETY.</li> <li>PUBLIC WETLANDS ARE OBTAINED FROM THE NATIONAL WETLAND INVENTORY (NWI) (AS DEFINED IN RESOURCE REPORT 2.3).</li> <li>PUBLIC STREAMS ARE OBTAINED FROM THE NATIONAL HYDROGRAPHY DATASET. (NHD). (AS DEFINED IN RESOURCE REPORT 2.2)</li> <li>PHOTO INTERPRETED WETLANDS AND STREAMS ARE A RESULT OF A HIGH RESOLUTION PHOTOGRAPHIC INTERPOLATION.</li> <li>DELINEATED WETLANDS AND STREAMS ARE THE RESULT OF AN ENVIRONMENTAL GROUND SURVEY.</li> <li>PROPERTY LINES ARE BASED ON TAX MAPS AND ARE NOT THE RESULT OF A FULL BOUNDARY SURVEY.</li> <li>TRENCH PLUGS SHALL BE INSTALLED AT ALL ROAD CROSSINGS AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.</li> <li>PERMANENT SLOPE BREAKERS SHOWN IN CULTIVATED AREAS AND LAWNS SHALL ONLY BE INSTALLED WITH THE LANDOWNER'S PERMISSION.</li> </ol>		<p><b>AREA:</b></p> <p>DIV:</p> <p>DRAFTER: HMM</p> <p>DATE: 01-12-15</p> <p>COORD: HMM</p> <p>DATE: 01-12-15</p>		<p><b>Tennessee Gas Pipeline Company, L.L.C.</b></p> <p>a Kinder Morgan company</p>		<p><b>NORTHEAST ENERGY DIRECT PROJECT</b></p> <p><b>PROPOSED 30" PIPELINE</b></p> <p><b>SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT</b></p> <p><b>EROSION &amp; SEDIMENT CONTROL PLAN</b></p> <p><b>ALIGNMENT SHEET</b></p> <p><b>CHESHIRE COUNTY, NEW HAMPSHIRE</b></p>		<p>DESIGN COORD: HMM</p> <p>DATE:</p> <p>PROJECT COORD: HMM</p> <p>DATE:</p> <p>OPER. APPR: HMM</p> <p>DATE:</p> <p>SCALE: 1 = 200'</p> <p>PROJ. ID: E&amp;S_TE-SEG_I-022</p> <p>0</p>	
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PROTECTION EASEMENT	LINE LIST
	0692+09 NH WD 120.00 0695+92 NH WD 121.00 0698+42 NH WD 123.01 0698+09 NH WD 123.00 0697+42 NH WD 126.01 0688+72 NH WD 130.00 0687+14 NO DATA 0687+21 NH WD 131.00 1101+03 NH WD 132.00 1105+09
PIPELINE STATIONING	1055+92 PROPERTY LINE 1060+42 PROPERTY LINE 1071+42 PROPERTY LINE 1075+42 EDGE OF WETLAND 1079+21 EDGE OF STREAM 1079+21 EDGE OF WETLAND 1079+24 EDGE OF STREAM 1079+38 EDGE OF WETLAND 1080+81 EDGE OF WETLAND 1082+35 EDGE OF WETLAND 1084+43 EDGE OF WETLAND 1087+04 UTILITY POLE 152' RT. 1087+10 EDGE OF WETLAND 1088+07 UTILITY POLE 141' RT. 1088+72 PROPERTY LINE 1088+47 & OF ABEL RD 1089+52 PROPERTY LINE 1090+97 EDGE OF WETLAND 1091+23 EDGE OF WETLAND 1095+64 P.L. - 4970033' LT. 1097+14 PROPERTY LINE 1097+71 PROPERTY LINE 1098+14 P.L. - 4970033' RT. 1098+44 P.L. - 4970033' RT. 1099+57 EDGE OF WETLAND 1101+03 PROPERTY LINE 1102+46 EDGE OF WETLAND 1103+64 EDGE OF WETLAND 1104+10 & OF STREAM



ENVIRONMENTAL	SOILS

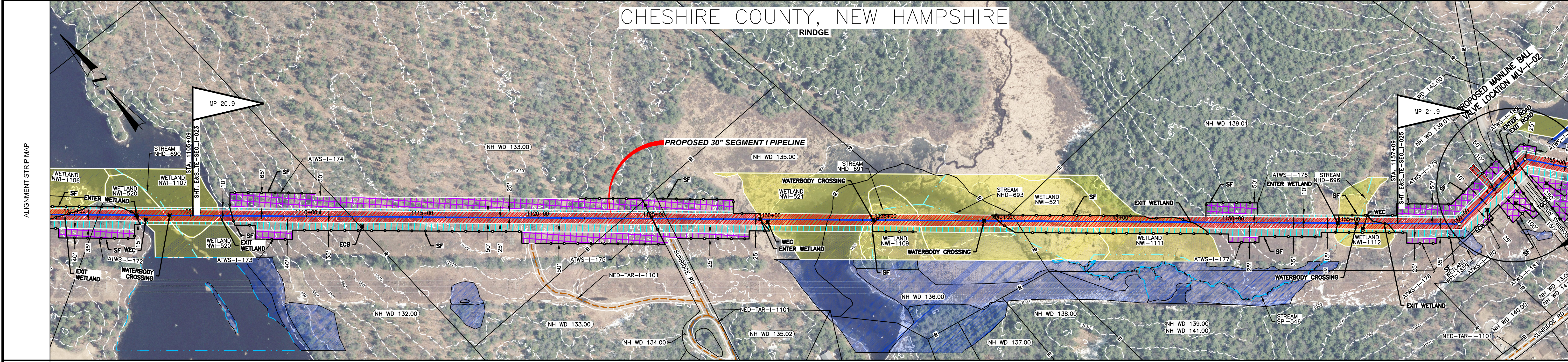
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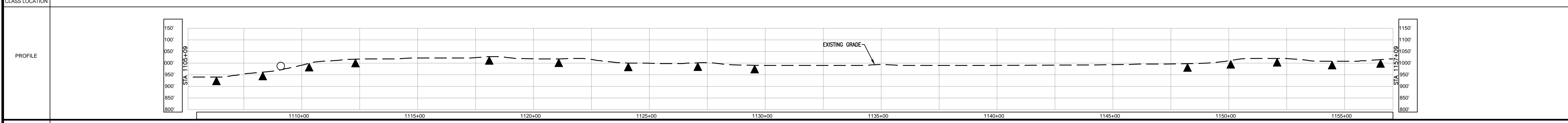
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## CHESHIRE COUNTY, NEW HAMPSHIRE

### RINDGE



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

**PROFILE LEGEND**

SLOPE BREAKERS ○

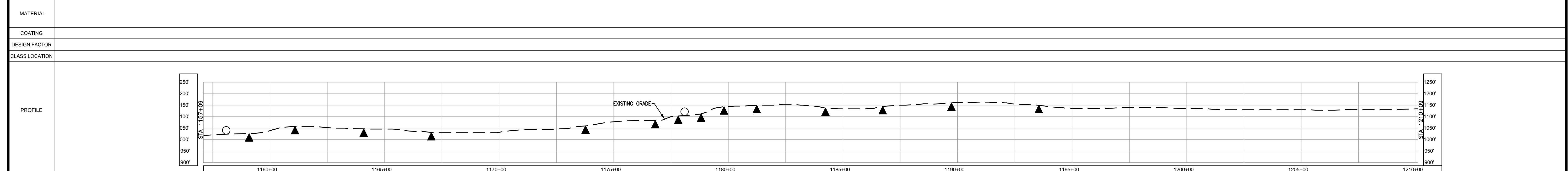
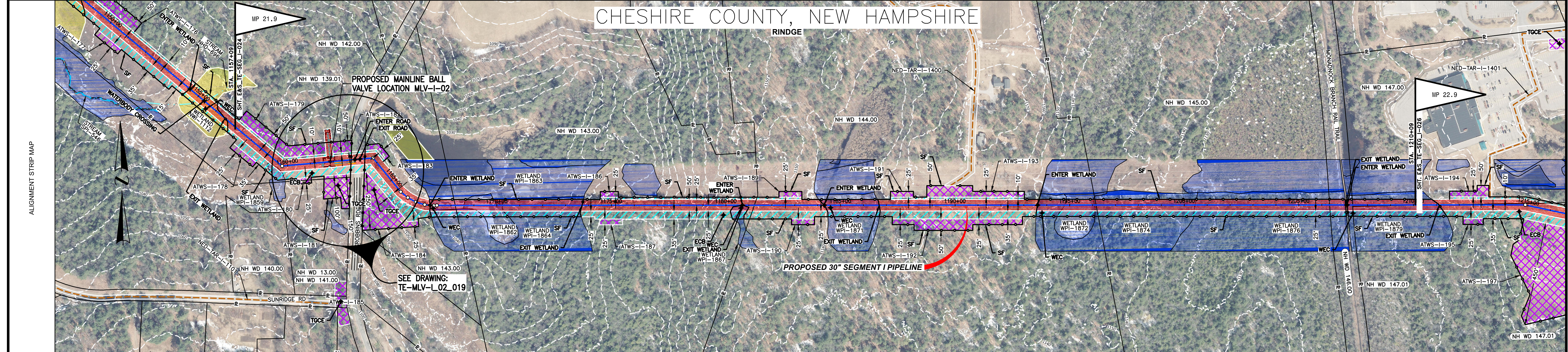
TRENCH PLUG ▲

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1157+09	NH WD 139.01	1162+28	(NH WD 142.00)	1163+38	(NH WD 143.00)	1168+19	(NH WD 143.00)	1173+72	(NH WD 143.00)	1181+24	(NH WD 144.00)	1184+15	(NH WD 145.00)	1194+15	(NH WD 147.00)	1200+09	(NH WD 147.00)		

PIPELINE STATIONING
<p>1163+28 P.A. = 4500000 L.I.</p> <p>1162+28 PROPERTY LINE 1163+38 PROPERTY LINE</p> <p>1163+24 P.A. = 4500000 L.I.</p> <p>1163+48 P.A. = 1170010 L.I. 1164+48 P.A. = 1170010 L.I. 1165+48 P.A. = 1170010 L.I. 1166+48 P.A. = 1170010 L.I. 1167+48 P.A. = 1170010 L.I. 1168+48 P.A. = 1170010 L.I.</p> <p>1168+19 PROPERTY LINE 1168+57 EDGE OF WETLAND</p> <p>1170+20 EDGE OF WETLAND 1170+23 EDGE OF WETLAND</p> <p>1173+72 EDGE OF WETLAND</p> <p>1180+72 EDGE OF WETLAND 1181+24 PROPERTY LINE</p> <p>1184+29 EDGE OF WETLAND</p> <p>1186+68 EDGE OF WETLAND</p> <p>1193+60 EDGE OF WETLAND</p> <p>1194+78 EDGE OF WETLAND</p> <p>1196+08 EDGE OF WETLAND 1196+15 PROPERTY LINE</p> <p>1200+47 EDGE OF WETLAND</p> <p>1206+34 PROPERTY LINE</p> <p>1207+04 EDGE OF WETLAND 1207+11 EDGE OF WETLAND 1207+35 PROPERTY LINE</p> <p>1208+33 E. OF ARMOIGNED BOSTON &amp; MAINE RR</p>



MATERIAL
COATING
DESIGN FACTOR
CLASS LOCATION
ENVIRONMENTAL
SOILS

**PROFILE LEGEND**

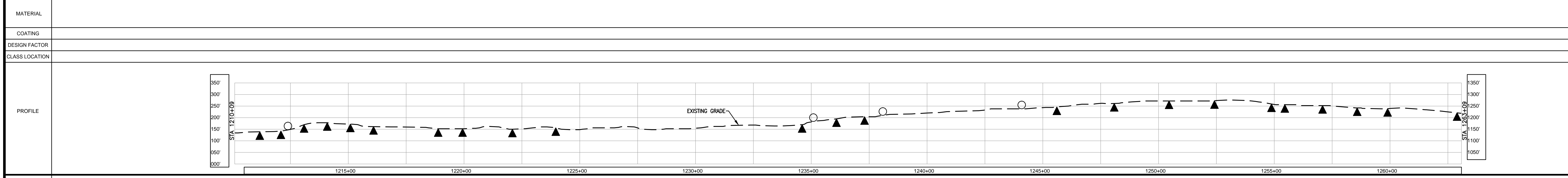
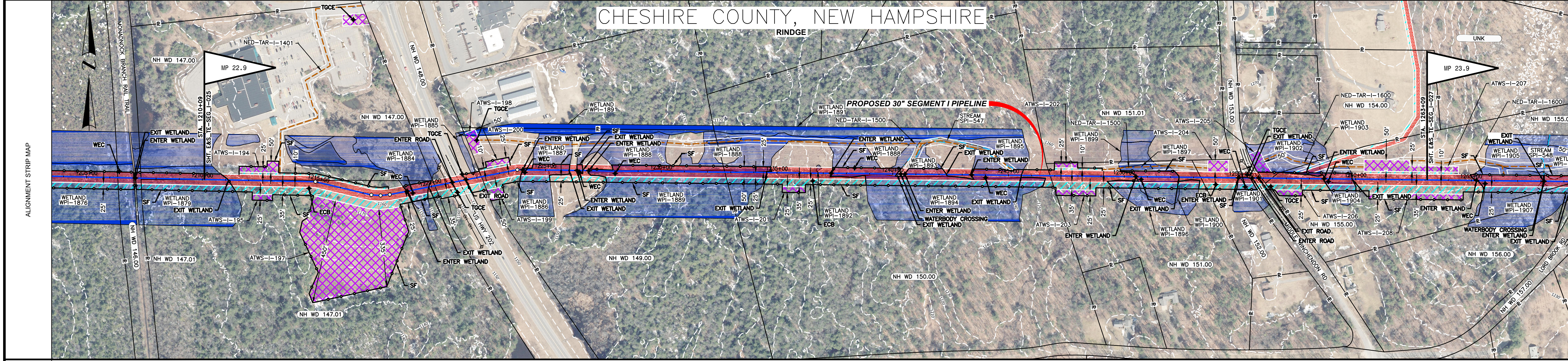
SLOPE BREAKERS

TRENCH PLUG

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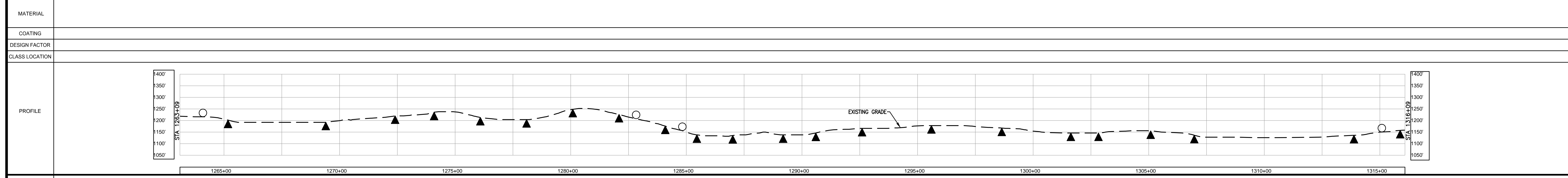
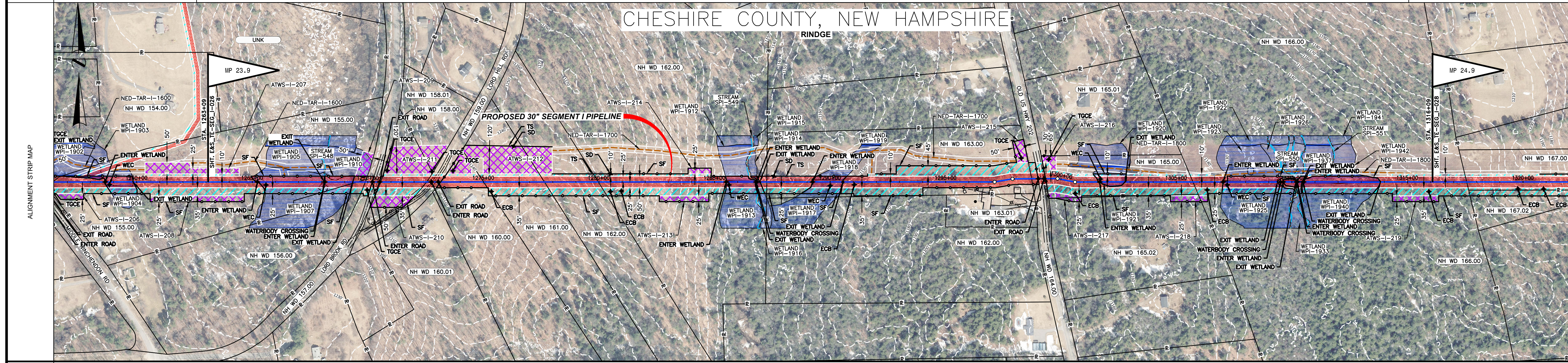


ENVIRONMENTAL	
SOILS	
PROFILE LEGEND	<ul style="list-style-type: none"> <li>SLOPE BREAKERS ○</li> <li>TRENCH PLUG ▲</li> </ul>

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PIPELINE STATIONING	<p>1263+09</p> <p>1268+55</p> <p>1269+89</p> <p>1270+55</p> <p>1272+54</p> <p>1273+16</p> <p>1275+00</p> <p>1277+64</p> <p>1279+97</p> <p>1281+26</p> <p>1284+73</p> <p>1289+34</p> <p>1305+72</p> <p>1307+02</p> <p>1308+18</p> <p>1309+11</p> <p>1309+38</p> <p>1309+63</p> <p>1309+83</p> <p>1309+83</p> <p>1310+17</p> <p>1310+23</p> <p>1310+45</p> <p>1310+45</p> <p>1310+51</p> <p>1311+15</p> <p>1312+78</p> <p>1313+83</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

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**LEGEND**

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**REFERENCE DRAWINGS**

TYPICALS

**REVISIONS**

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

**SCALE**

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

**AREA:** DIV:

DRAFTER: HMM DATE: 01-12-15

DRAWN: HMM DATE: 01-12-15

COORD: HMM

**Tennessee Gas Pipeline Company, L.L.C.**

**NORTHEAST ENERGY DIRECT PROJECT**

**PROPOSED 30" PIPELINE**

**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**

**EROSION & SEDIMENT CONTROL PLAN**

**ALIGNMENT SHEET**

**CHESHIRE COUNTY, NEW HAMPSHIRE**

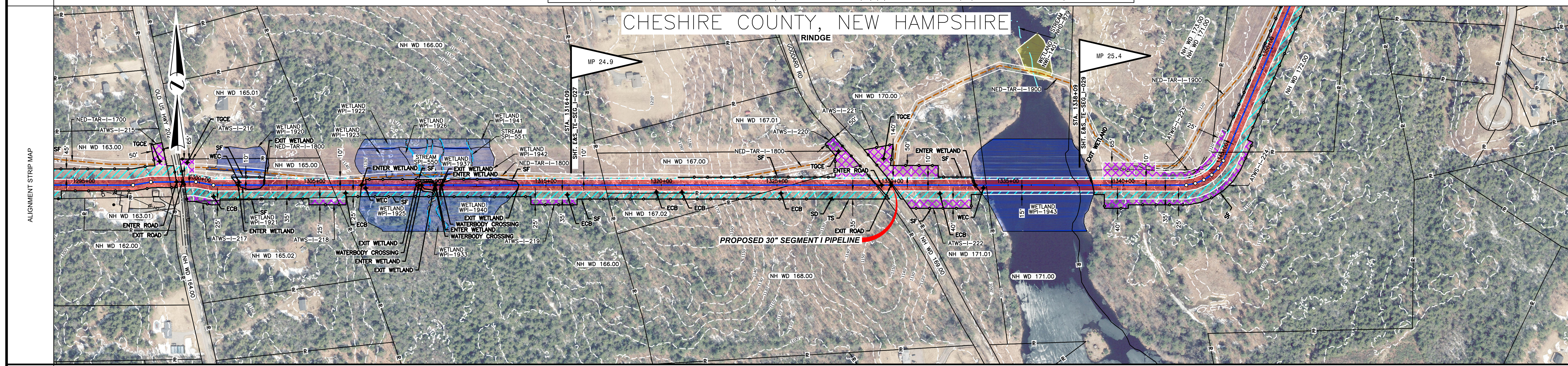
DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID:

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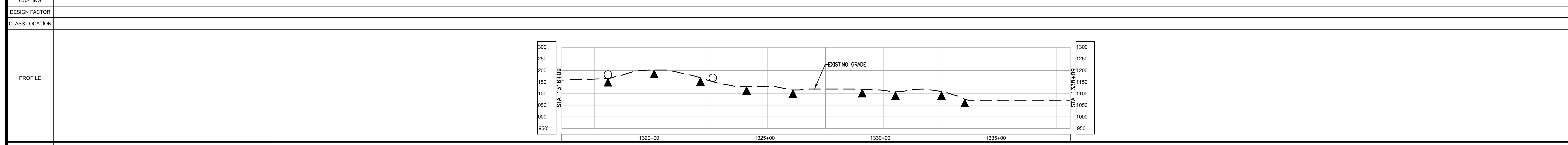
OPER. APPR: DATE: 0



PROTECTION EASEMENT									
LINE LIST		NH WD 166.00	NH WD 167.00	NH WD 168.00	NH WD 169.00	NH WD 170.00	NH WD 171.00	NH WD 172.00	NH WD 173.00
PIPELINE STATIONING		1316+00	1317+50	1324+57	1329+27	1330+03	1334+06	1338+04	1338+08



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

**PROFILE LEGEND**

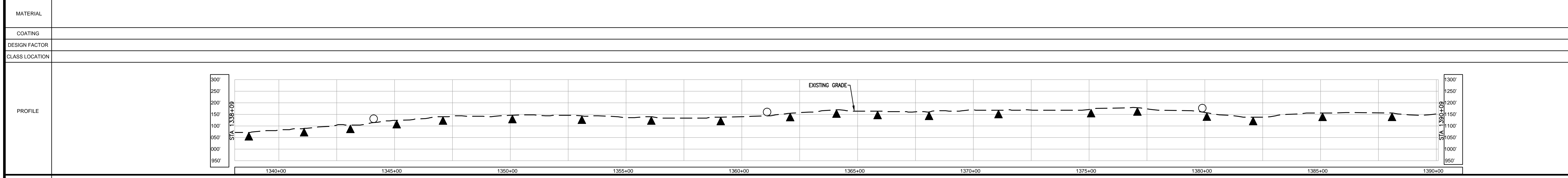
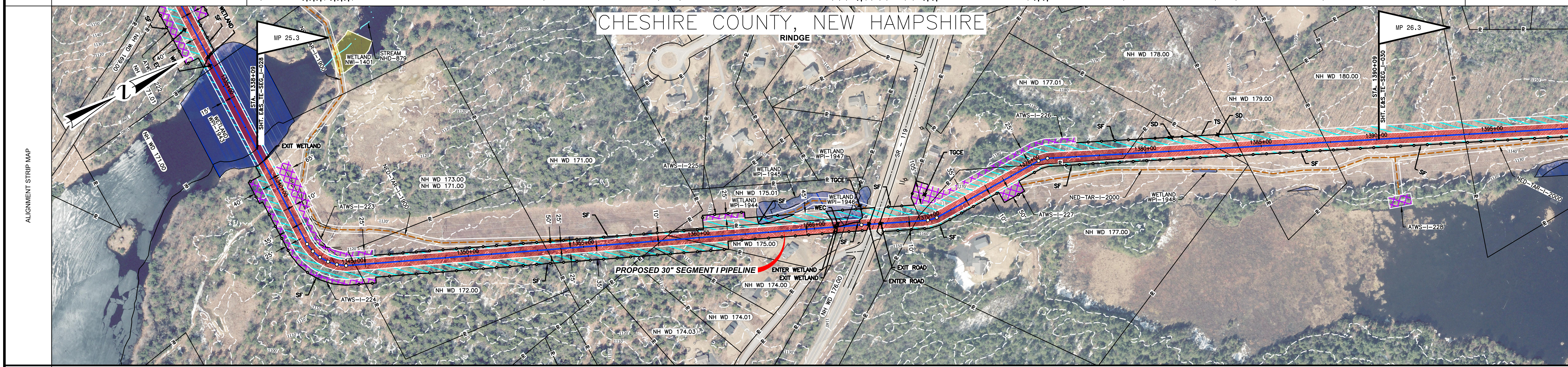
SLOPE BREAKERS ○

TRENCH PLUG ▲

<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>EXISTING TENNESSEE GAS PIPELINE PERMANENT EASEMENTS ARE NOT DEPICTED IN THEIR ENTIRETY.</li> <li>PUBLIC WETLANDS ARE OBTAINED FROM THE NATIONAL WETLAND INVENTORY (NWI) (AS DEFINED IN RESOURCE REPORT 2.3).</li> <li>PUBLIC STREAMS ARE OBTAINED FROM THE NATIONAL HYDROGRAPHY DATASET. (NHD). (AS DEFINED IN RESOURCE REPORT 2.2)</li> <li>PHOTO INTERPRETED WETLANDS AND STREAMS ARE A RESULT OF A HIGH RESOLUTION PHOTOGRAPHIC INTERPOLATION.</li> <li>DELINEATED WETLANDS AND STREAMS ARE THE RESULT OF AN ENVIRONMENTAL GROUND SURVEY.</li> <li>PROPERTY LINES ARE BASED ON TAX MAPS AND ARE NOT THE RESULT OF A FULL BOUNDARY SURVEY.</li> <li>TRENCH PLUGS SHALL BE INSTALLED AT ALL ROAD CROSSINGS AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.</li> <li>PERMANENT SLOPE BREAKERS SHOWN IN CULTIVATED AREAS AND LAWNS SHALL ONLY BE INSTALLED WITH THE LANDOWNER'S PERMISSION.</li> </ol>	<p><b>LEGEND</b></p> <p>EXISTING PERMANENT EASEMENT</p> <p>PROPOSED PERMANENT EASEMENT</p> <p>TEMPORARY WORKSPACE</p> <p>ADDITIONAL TEMPORARY WORKSPACE (ATWS)</p> <p>POTENTIAL STAGING AREA</p> <p>PROPOSED PIPELINE</p> <p>EXISTING TENNESSEE GAS PIPELINE</p> <p>EXISTING FOREIGN PIPELINE</p> <p>OVERHEAD POWER LINE</p> <p>EXISTING FIBER OPTIC LINE</p> <p>LIMITS OF DISTURBANCE</p> <p>PA HG3 400.00</p> <p>PROPERTY LINE</p> <p>MUNICIPAL LINE</p> <p>WETLAND (PUBLIC)</p> <p>WETLAND (PHOTO INTERPRETED)</p> <p>WETLAND (DELINEATED)</p> <p>STREAM (DELINEATED)</p> <p>STREAM (PHOTO INTERPRETED)</p> <p>STREAM (PUBLIC)</p> <p>ACCESS ROAD</p> <p>FENCE LINE</p>	<p><b>REFERENCE DRAWINGS</b></p> <p>TYPICALS</p>	<p><b>REVISIONS</b></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: _____</p> <p>DIV: _____</p> <p>DRAFTER: HMM</p> <p>COORD: HMM</p> <p>DATE: 01-12-15</p> <p>DATE: 01-12-15</p>	<p><b>Tennessee Gas Pipeline Company, L.L.C.</b></p> <p>a Kinder Morgan company</p>
				NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR									
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<p><b>NORTHEAST ENERGY DIRECT PROJECT</b></p> <p><b>PROPOSED 30" PIPELINE</b></p> <p><b>SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT</b></p> <p><b>EROSION &amp; SEDIMENT CONTROL PLAN</b></p> <p><b>ALIGNMENT SHEET</b></p> <p><b>CHESHIRE COUNTY, NEW HAMPSHIRE</b></p>			<p>DESIGN COORD: _____</p> <p>PROJECT COORD: _____</p> <p>OPER. APPR: _____</p> <p>DATE: _____</p> <p>DATE: _____</p> <p>DATE: _____</p>	<p>SCALE: 1 = 200'</p> <p>PROJ. ID.: _____</p> <p>E&amp;S_TE-SEG_I-028</p> <p>0</p>															



PROTECTION EASEMENT	LINE LIST
	<p>1338+09 (NH WD 171.00) (NH WD 173.00)</p> <p>1345+10 (NH WD 172.00)</p> <p>1353+41 (NH WD 171.00)</p> <p>1358+38 (NH WD 174.00)</p> <p>1359+31 (NH WD 175.00)</p> <p>1366+32 (NH WD 176.00)</p> <p>1369+41 (NH WD 177.00)</p> <p>1374+98 (NH WD 177.01)</p> <p>1379+18 (NH WD 177.00)</p> <p>1383+15 (NH WD 178.00)</p> <p>1384+04 (NH WD 179.00)</p> <p>1387+81 (NH WD 180.00)</p> <p>1390+09</p>
PIPELINE STATIONING	



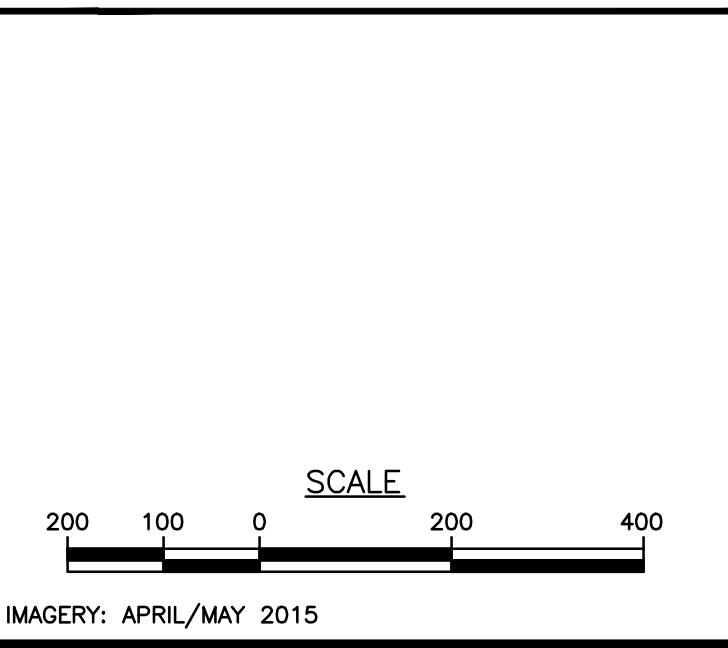
MATERIAL
COATING
DESIGN FACTOR
CLASS LOCATION

**NOTES**

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

REFERENCE DRAWINGS
TYPICALS



REVISIONS				
0	ISSUE FOR FER	11/2015	HMM	HMM

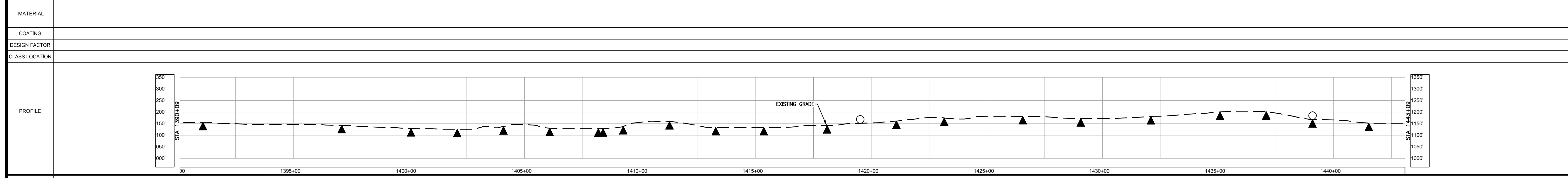
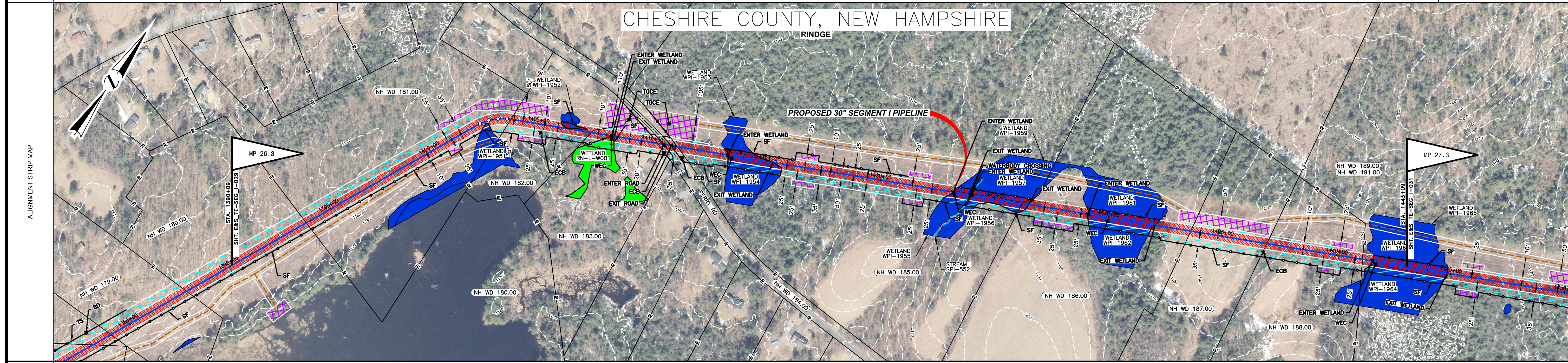
AREA:	DIV:	Tennessee Gas Pipeline Company, L.L.C. <small>a Kinder Morgan company</small>
DRAFTER: HMM	DATE: 01-12-15	
COORDINATOR: HMM	DATE: 01-12-15	

**NORTHEAST ENERGY DIRECT PROJECT  
PROPOSED 30" PIPELINE  
SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT  
EROSION & SEDIMENT CONTROL PLAN  
ALIGNMENT SHEET  
CHESHIRE COUNTY, NEW HAMPSHIRE**

DESIGN:	DATE:	SCALE: 1 = 200'	PROJ. ID.:
COORDINATOR:	DATE:		
OPERATOR:	DATE:		
APPROVER:	DATE:	E&S_TE-SEG_I-029	0



PROTECTION EASEMENT	
LINE LIST	<p>NH WD 180.00</p> <p>NH WD 181.00</p> <p>NH WD 182.00</p> <p>NH WD 183.00</p> <p>NH WD 184.00</p> <p>NH WD 185.00</p> <p>NH WD 186.00</p> <p>NH WD 187.00</p> <p>NH WD 188.00</p> <p>NH WD 189.00</p> <p>NH WD 191.00</p>
PIPELINE STATIONING	<p>1390+09</p> <p>1393+78</p> <p>1405+81</p> <p>1407+33</p> <p>1409+24</p> <p>1411+11</p> <p>1423+20</p> <p>1423+91</p> <p>1423+91</p> <p>1423+99</p> <p>1423+99</p> <p>1426+24</p> <p>1426+51</p> <p>1429+11</p> <p>1432+05</p> <p>1433+61</p> <p>1436+95</p> <p>1441+14</p> <p>1443+09</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

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**LEGEND**

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

**DRAFTER:** HMM DATE: 01-12-15

**COORD:** HMM DATE: 01-12-15

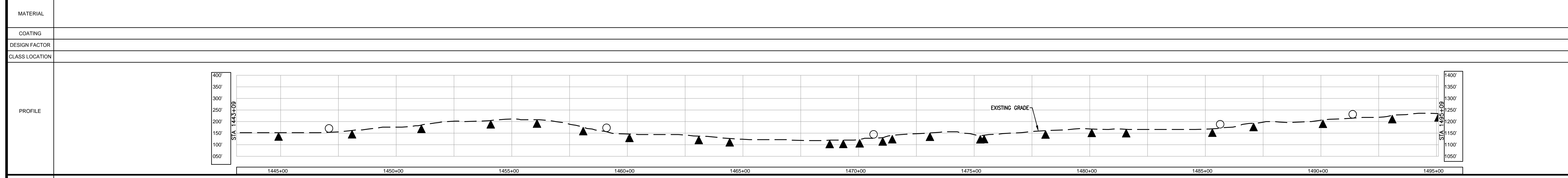
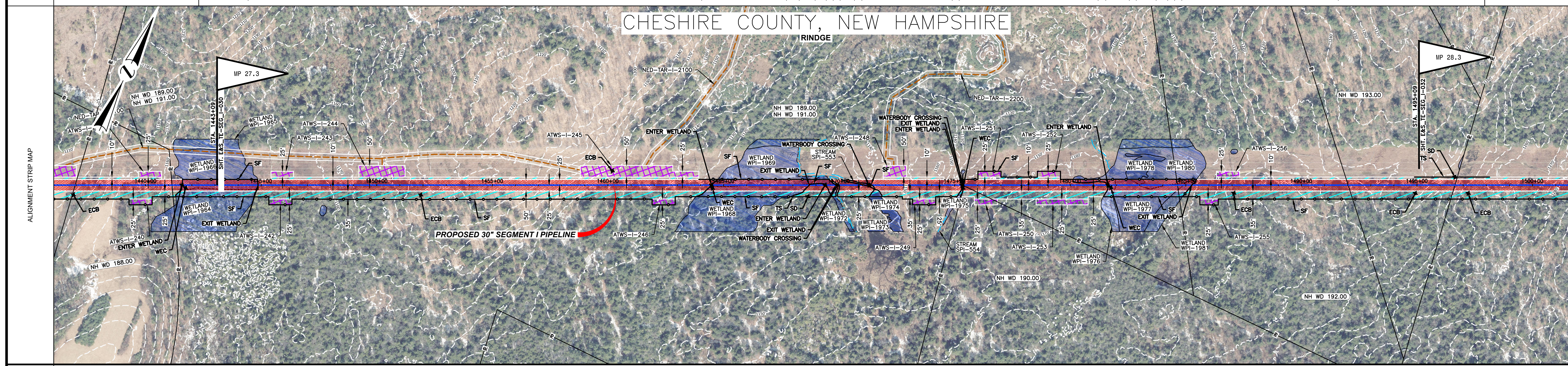
**Tennessee Gas Pipeline Company, L.L.C.**  
a Kinder Morgan company

**NORTHEAST ENERGY DIRECT PROJECT**  
**PROPOSED 30" PIPELINE**  
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**EROSION & SEDIMENT CONTROL PLAN**  
**ALIGNMENT SHEET**  
**CHESHIRE COUNTY, NEW HAMPSHIRE**

**DESIGN COORD:** DATE: SCALE: 1 = 200' PROJ. ID.:  
**PROJECT COORD:** DATE: E&S\_TE-SEG\_I-030  
**OPER. APPR:** DATE: 0



PROTECTION EASEMENT	
LINE LIST	1443+08
PIPELINE STATIONING	<p>1444+86 EDGE OF WETLAND</p> <p>1464+48 EDGE OF WETLAND</p> <p>1468+15 EDGE OF WETLAND</p> <p>1468+70 EDGE OF WETLAND</p> <p>1469+39 EDGE OF WETLAND</p> <p>1469+87 EDGE OF STREAM</p> <p>1470+00 EDGE OF STREAM</p> <p>1471+09 EDGE OF STREAM</p> <p>1471+41 EDGE OF STREAM</p> <p>1475+32 EDGE OF WETLAND</p> <p>1475+38 EDGE OF WETLAND</p> <p>1481+43 EDGE OF WETLAND</p> <p>1481+96 EDGE OF WETLAND</p> <p>1482+08 EDGE OF WETLAND</p> <p>1482+02 EDGE OF WETLAND</p> <p>1484+14 EDGE OF WETLAND</p> <p>1484+64 PROPERTY LINE</p> <p>1484+89 EDGE OF WETLAND</p> <p>1485+25 EDGE OF WETLAND</p> <p>1492+02 PROPERTY LINE</p>



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	
ENVIRONMENTAL	
SOILS	

**PROFILE LEGEND**

SLOPE BREAKERS ○

TRENCH PLUG ▲

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**REFERENCE DRAWINGS**

TYPICALS

**REVISIONS**

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0		ISSUE FOR FERC	11/2015	HMM	HMM	

**SCALE**

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

**AREA:**

DRAFTER: HMM

DATE: 01-12-15

COORD: HMM

DATE: 01-12-15

**Tennessee Gas Pipeline Company, L.L.C.**

**NORTHEAST ENERGY DIRECT PROJECT**

**PROPOSED 30" PIPELINE**

**SEGMENT I WRIGHT TO DRACUT PIPELINE SEGMENT**

**EROSION & SEDIMENT CONTROL PLAN**

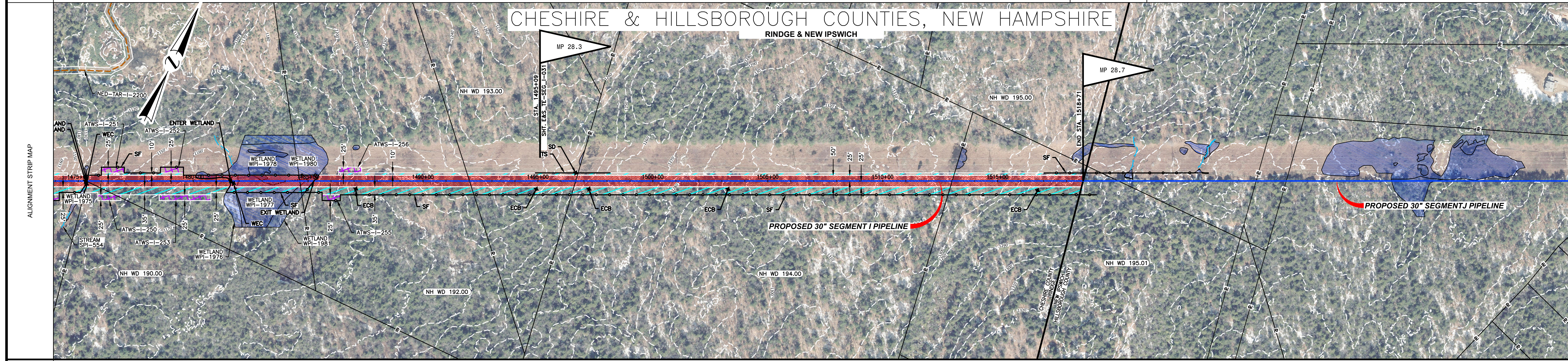
**ALIGNMENT SHEET**

**CHESHIRE COUNTY, NEW HAMPSHIRE**

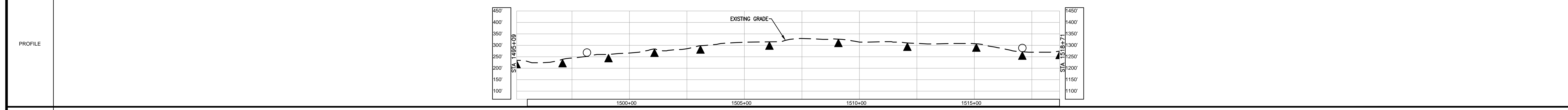
DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S\_TE-SEG\_I-031 0



PROTECTION EASEMENT						
LINE LIST		NH WD 193.00	NH WD 194.00	NH WD 195.01		
PIPELINE STATIONING						



MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	



ENVIRONMENTAL	
SOILS	

<p><b>PROFILE LEGEND</b></p> <p>SLOPE BREAKERS ○</p> <p>TRENCH PLUG ▲</p>	
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