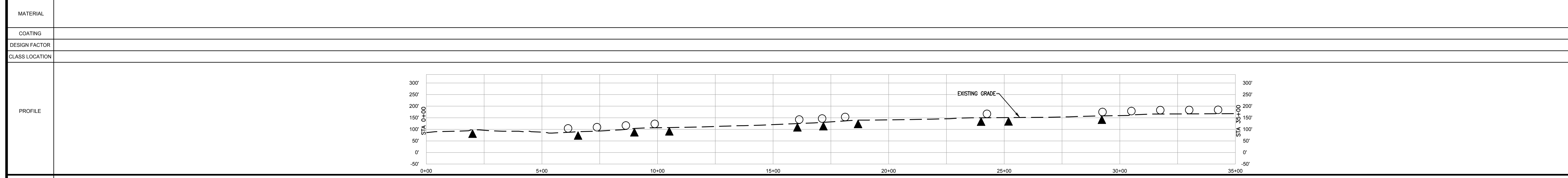
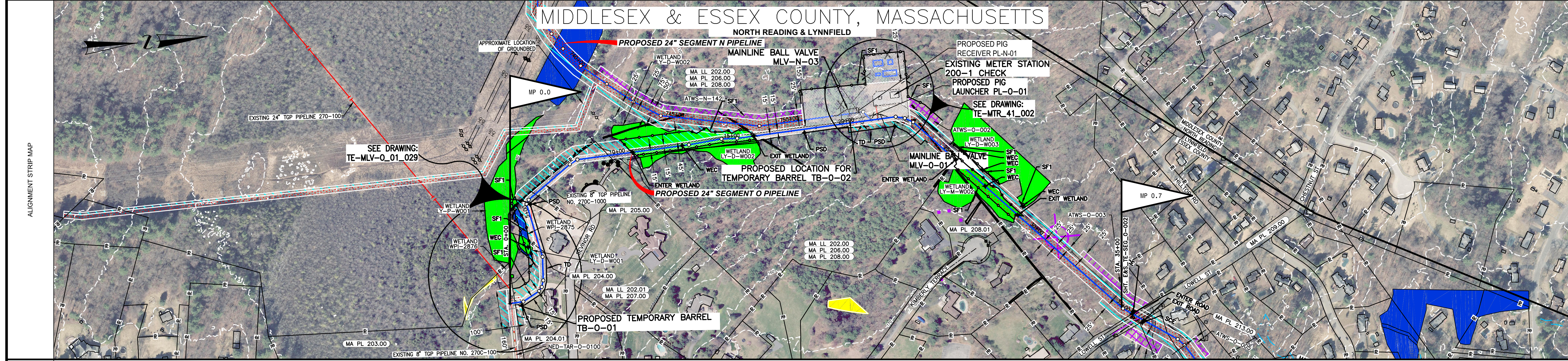


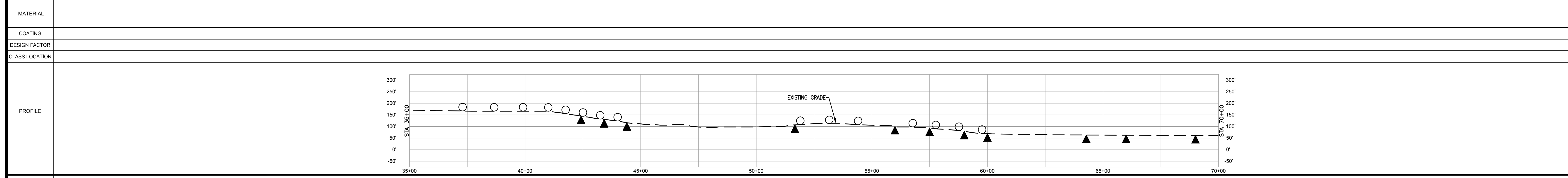
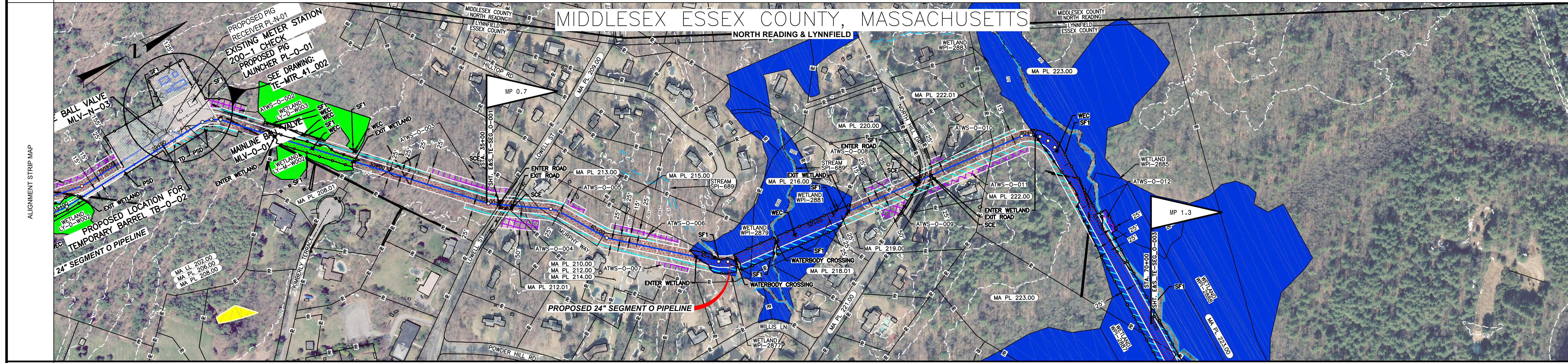
PROTECTION EASEMENT							
LINE LIST	<table border="1"> <tr> <td>MA PL 203.00</td> <td>MA PL 204.00</td> <td>MA PL 205.00</td> <td>MA LL 202.01 MA PL 207.00</td> <td>MA LL 202.00 MA PL 206.00 MA PL 208.00</td> <td></td> </tr> </table>	MA PL 203.00	MA PL 204.00	MA PL 205.00	MA LL 202.01 MA PL 207.00	MA LL 202.00 MA PL 206.00 MA PL 208.00	
MA PL 203.00	MA PL 204.00	MA PL 205.00	MA LL 202.01 MA PL 207.00	MA LL 202.00 MA PL 206.00 MA PL 208.00			
PIPELINE STATIONING	<p>0+00 0+22 0+28 0+89 0+81 35+00</p> <p>0+00 BEGIN STA. 0+05 E OF EXISTING TOP PIPELINE 0+10 E OF EXISTING TOP PIPELINE 0+55 E OF EXISTING TOP PIPELINE 0+58 P.A. = 207.00 FT. LT. 1+39 E OF EXISTING TOP PIPELINE 1+38 P.A. = 203.00 FT. LT. 1+80 E OF EXISTING TOP PIPELINE 1+81 P.A. = 204.00 FT. LT. 1+80 E OF EXISTING TOP PIPELINE 1+80 P.A. = 147.75 FT. LT. 2+42 E OF EXISTING TOP PIPELINE 2+42 P.A. = 150.00 FT. LT. 3+28 PROPERTY LINE 4+46 E OF EXISTING TOP PIPELINE 4+51 P.A. = 49.00 FT. LT. 5+42 E OF EXISTING TOP PIPELINE 5+41 P.A. = 22.50 FT. LT. 5+52 E OF EXISTING TOP PIPELINE 5+49 PROPERTY LINE 7+87 E OF EXISTING TOP PIPELINE 8+02 E OF EXISTING TOP PIPELINE 8+19 E OF EXISTING TOP PIPELINE 8+19 P.A. = 112.00 FT. LT. 8+50 UTILITY POLE 112 FT. RT. 8+98 WATER GATE 107 FT. RT. 9+30 UTILITY POLE 109 FT. LT. 9+72 GATE 10+46 EDGE OF WETLAND 12+11 E OF EXISTING TOP PIPELINE 14+54 E OF EXISTING TOP PIPELINE 15+22 E OF EXISTING TOP PIPELINE 15+22 P.A. = 81.15 FT. LT. 15+48 EDGE OF WETLAND 16+00 WALL 16+07 WALL 19+10 E OF EXISTING TOP PIPELINE 20+67 E OF TRAIL 21+35 E OF EXISTING TOP PIPELINE 22+14 P.A. = 102.25 FT. RT. 22+54 P.A. = 102.25 FT. RT. 22+75 WALL 22+83 WALL 23+85 WALL 23+97 WALL 25+40 EDGE OF WETLAND 28+87 WATER GATE 170 FT. RT. 29+00 EDGE OF WETLAND</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 A 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="1"> <tr> <td>EXISTING PERMANENT EASEMENT</td> <td>PA HG3 400.00</td> <td>LINE LIST NUMBER</td> </tr> <tr> <td>PROPOSED PERMANENT EASEMENT</td> <td>R</td> <td>PROPERTY LINE</td> </tr> <tr> <td>TEMPORARY WORKSPACE</td> <td>—</td> <td>MUNICIPAL LINE</td> </tr> <tr> <td>ADDITIONAL TEMPORARY WORKSPACE (ATWS)</td> <td>—</td> <td>WETLAND (PUBLIC)</td> </tr> <tr> <td>POTENTIAL STAGING AREA</td> <td>—</td> <td>WETLAND (PHOTO INTERPRETED)</td> </tr> <tr> <td>PROPOSED PIPELINE</td> <td>—</td> <td>WETLAND (DELINEATED)</td> </tr> <tr> <td>EXISTING TENNESSEE GAS PIPELINE</td> <td>—</td> <td>STREAM (DELINEATED)</td> </tr> <tr> <td>EXISTING FOREIGN PIPELINE</td> <td>—</td> <td>STREAM (PHOTO INTERPRETED)</td> </tr> <tr> <td>OVERHEAD POWER LINE</td> <td>—</td> <td>STREAM (PUBLIC)</td> </tr> <tr> <td>EXISTING FIBER OPTIC LINE</td> <td>—</td> <td>ACCESS ROAD</td> </tr> <tr> <td></td> <td>—</td> <td>FENCE LINE</td> </tr> </table>	EXISTING PERMANENT EASEMENT	PA HG3 400.00	LINE LIST NUMBER	PROPOSED PERMANENT EASEMENT	R	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	<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: DIV:</p> <p>DRAFTER: HMM DATE: 01-12-15</p> <p>DRAFT: HMM DATE: 01-12-15</p> <p>COORD: HMM</p> <p>Tennessee Gas Pipeline Company, L.L.C. a Kinder Morgan company</p> <p>NORTHEAST ENERGY DIRECT PROJECT PROPOSED 24" PIPELINE SEGMENT O PEABODY LATERAL EROSION & SEDIMENT CONTROL PLAN ALIGNMENT SHEET ESSEX 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_O-001 0</p>
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PROTECTION EASEMENT	
LINE LIST	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>MA PL 202.00 MA PL 206.00 MA PL 208.00</p> </div> <div style="width: 15%;"> <p>MA PL 210.00 MA PL 212.00 MA PL 214.00</p> </div> <div style="width: 15%;"> <p>MA PL 215.00</p> </div> <div style="width: 15%;"> <p>MA PL 216.00</p> </div> <div style="width: 15%;"> <p>MA PL 219.00</p> </div> <div style="width: 15%;"> <p>MA PL 220.00</p> </div> <div style="width: 15%;"> <p>MA PL 222.00</p> </div> <div style="width: 15%;"> <p>MA PL 223.00</p> </div> </div>
PIPELINE STATIONING	<p>35+00 35+50 36+00 36+50 37+00 37+50 40+34 45+75 46+96 50+72 51+52 53+63 54+84 55+43 56+20 56+50 56+80 57+00</p>



MATERIAL	
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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

REVISIONS

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

SCALE

IMAGERY: APRIL/MAY 2015

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

DRAFTER: HMM DATE: 01-12-15

DRAFT: HMM DATE: 01-12-15

NORTHEAST ENERGY DIRECT PROJECT

PROPOSED 24" PIPELINE

SEGMENT O PEABODY LATERAL

EROSION & SEDIMENT CONTROL PLAN

ALIGNMENT SHEET

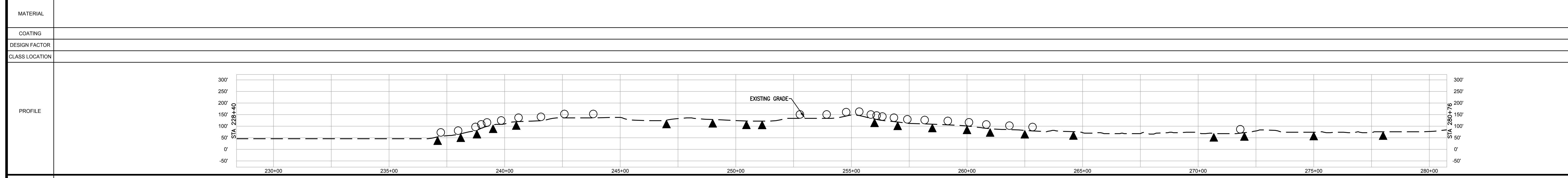
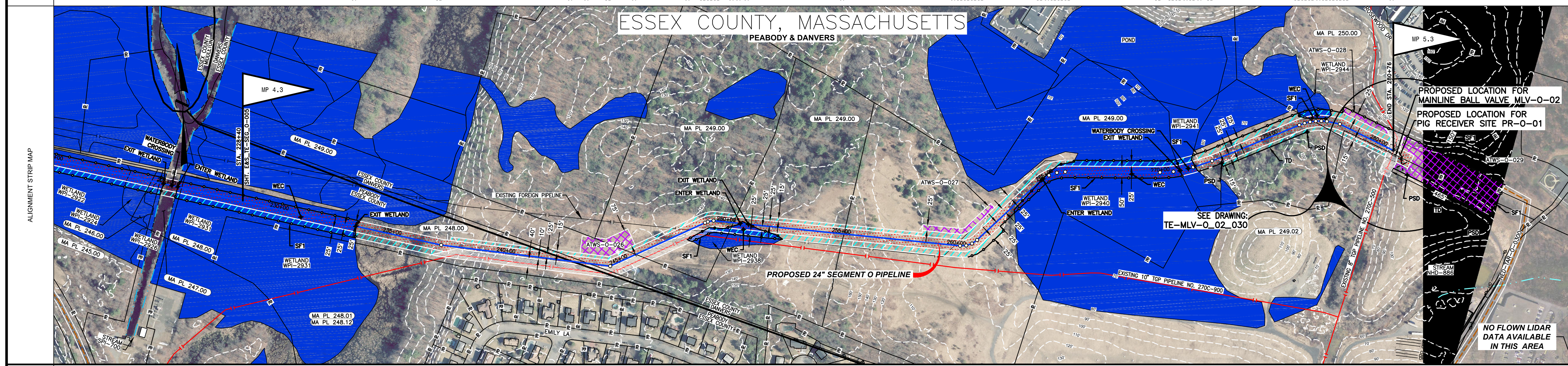
ESSEX COUNTY, MASSACHUSETTS

DESIGN COORD: DATE: SCALE: 1 = 200' PROJ. ID: E&S_TE-SEG_O-002 0

PROJECT COORD: DATE:

OPER. APPR: DATE:

PROTECTION EASEMENT	
LINE LIST	<p>228+40 MA PL 248.00</p> <p>243+60 MA PL 249.00</p> <p>245+78 MA PL 249.00</p> <p>250+31 MA PL 249.00</p> <p>255+12 MA PL 249.00</p> <p>277+03 MA PL 250.00</p> <p>280+76</p>
PIPELINE STATIONING	<p>233+41 EDGE OF WETLAND</p> <p>242+89 MUNICIPAL LINE</p> <p>243+60 PROPERTY LINE</p> <p>244+58 PL. - 31'x45' LI.</p> <p>245+78 PROPERTY LINE</p> <p>248+32 E. OF EXISTING MARITIMES PIPELINE</p> <p>248+07 PL. - 37'x56' LI.</p> <p>248+54 PL. - 37'x56' LI.</p> <p>248+58 PL. - 37'x56' LI.</p> <p>250+31 PROPERTY LINE</p> <p>250+61 EDGE OF WETLAND</p> <p>250+87 EDGE OF WETLAND</p> <p>255+12 PROPERTY LINE</p> <p>259+05 E. OF EXISTING MARITIMES PIPELINE</p> <p>264+80 PL. - 12'x17' LI.</p> <p>264+85 EDGE OF WETLAND</p> <p>265+18 PL. - 12'x20' LI.</p> <p>265+28 PL. - 12'x20' LI.</p> <p>265+38 PL. - 12'x20' LI.</p> <p>265+48 PL. - 12'x20' LI.</p> <p>268+48 PL. - 37'x56' LI.</p> <p>270+57 PL. - 37'x56' LI.</p> <p>270+87 EDGE OF WETLAND</p> <p>271+44 PL. - 37'x56' LI.</p> <p>271+54 EDGE OF WETLAND</p> <p>272+50 PL. - 37'x56' LI.</p> <p>272+58 PL. - 37'x56' LI.</p> <p>272+68 PL. - 37'x56' LI.</p> <p>272+78 PL. - 37'x56' LI.</p> <p>272+88 PL. - 37'x56' LI.</p> <p>277+03 PROPERTY LINE</p> <p>278+87 PL. - 37'x56' LI.</p> <p>279+18 PL. - 37'x56' LI.</p> <p>279+28 PL. - 37'x56' LI.</p> <p>279+38 PL. - 37'x56' LI.</p> <p>279+48 PL. - 37'x56' LI.</p> <p>279+58 PL. - 37'x56' LI.</p> <p>280+76 END STA.</p>



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	PROPOSED PIPELINE		EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE		MUNICIPAL LINE
	EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE		OVERHEAD POWER LINE		EXISTING FIBER OPTIC LINE
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	POTENTIAL STAGING AREA		PROPOSED PIPELINE		EXISTING TENNESSEE GAS PIPELINE		EXISTING FOREIGN PIPELINE
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REFERENCE DRAWINGS

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IMAGERY: APRIL/MAY 2015

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

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PROPOSED 24" PIPELINE
SEGMENT O PEABODY LATERAL
EROSION & SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
ESSEX COUNTY, MASSACHUSETTS

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PROJ. ID.: E&S_TE-SEG_O-006

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