PROTECTION EASEMENT: 822.01 | 821.02

LINE LIST	2	1	825	824	823	822	821.01	821	820	819.01	819	818.04	818.04	818.03	818.01	818
STATIONS	0+00 – 0+37	0+37 – 5+67	5+67 – 19+67	19+67 – 20+32	20+32 – 30+82	30+82 – 36+50	36+50 – 40+66	40+66 – 42+39	42+39 – 43+41	43+41 – 43+52	43+52 – 45+28	45+28 – 45+76	45+76 – 46+77	46+77 – 48+13	48+13 – 51+97	51+97 – 52+80
RODS	2.2	32.1	84.9	4.0	63.6	34.3	24.1	10.4	6.2	0.6	10.7	2.9	6.1	8.3	23.3	5.0

PIPELINE STATIONING

0+00 BEGIN STA.
0+29 P.I. < 49°03'12" RT.
0+30 FENCE LINE CROSSING
0+37 PROPERTY LINE
1+90 ENTER WETLAND WMA-01
4+40 HEDGE ROW / BRUSH
4+43 TREE LINE CROSSING
5+25 EXIT WETLAND WMA-01
5+67 PROPERTY LINE / STATE LINE
7+97 ENTER WETLAND WMA-02
8+63 EXIT WETLAND WMA-02
9+94 P.I. < 6°15'38" RT.
13+23 ENTER WETLAND WCT-01
13+79 HEDGE ROW / BRUSH
15+07 HEDGE ROW / BRUSH
15+37 EXIT WETLAND WCT-01
19+60 ENTER WETLAND WCT-02
19+67 PROPERTY LINE
19+77 FIELD ENTRANCE 48' RT.
19+81 FIELD ENTRANCE 31' RT.
19+85 POWER POLE 15' LT.
19+87 TOE OF SLOPE
19+88 EXIT WETLAND WCT-02
19+88 POWER LINE CROSSING (16' TIE TO POLE #23212)
19+91 FIELD ENTRANCE 26' RT.
19+92 TOP OF SLOPE
19+93 FIELD ENTRANCE 15' RT.
19+97 EDGE OF ROAD
20+02 MANHOLE 25 RT.
20+09 ℄ OF HICKORY STREET
20+20 EDGE OF ROAD
20+22 MANHOLE 24' RT.
20+22 TOP OF SLOPE
20+29 ENTER WETLAND WCT-56
20+31 TOE OF SLOPE
20+32 PROPERTY LINE
21+44 P.I. < 17°56'20" RT.
21+60 CROP LINE CROSSING
25+67 CROP LINE CROSSING
25+96 TREE LINE CROSSING
26+58 EXIT WETLAND WCT-56
27+58 ENTER WETLAND WCT-56
30+82 PROPERTY LINE
31+58 EXIT WETLAND WCT-56
33+37 ENTER WETLAND WCT-56
35+51 P.I. < 3°10'58" RT.
36+49 PROPERTY LINE
38+77 P.I. < 48°04'51" RT.
39+11 EXISTING PIPELINE CROSSING
39+33 PRIVATE ABANDONDED SKATE PARK 24' LT.
39+41 EXIT WETLAND WCT-56
39+44 P.I. < 48°35'02" LT.
40+10 P.I. < 16°07'08" RT.
40+28 P.I. < 23°40'25" RT.
40+53 P.I. < 18°21'07" RT.
40+55 ENTER WETLAND WCT-56
40+57 EXIT WETLAND WCT-56
40+66 PROPERTY LINE
41+74 TOP OF BANK
41+89 TOE OF BANK
41+89 ℄ OF STREAM SCT-56
42+04 TOP OF BANK
42+06 HEDGE ROW / BRUSH
42+26 P.I. < 28°30'29" LT.
42+34 12" CULVERT 19' LT. (WITH CONCRETE HEADWALL)
42+39 PROPERTY LINE
42+67 EDGE OF ROAD
42+77 POWER POLE 54' RT.
42+87 MAIL BOX 28 LT.
42+88 ℄ OF NORTH STREET (STATE ROAD 75)
42+95 FIRE HYDRANT 35' RT.
43+03 MANHOLE (SANITARY SEWER) 19' RT.
43+10 EDGE OF ROAD
43+25 POWER LINE CROSSING (71' TIE TO POLE #4160)
43+27 DATA LINE UNDER OHE 2' LT.
43+41 PROPERTY LINE
43+52 PROPERTY LINE
43+71 TREE LINE CROSSING
44+73 P.I. < 10°17'34" LT.
45+06 EDGE OF ACCESS ROAD
45+13 ℄ OF PROPOSED TEMPORARY ACCESS ROAD #1
45+20 EDGE OF ACCESS ROAD
45+25 TREE LINE CROSSING
45+28 PROPERTY LINE
45+76 PROPERTY LINE
46+66 P.I. < 17°21'00" LT.
46+77 PROPERTY LINE
46+79 FENCE LINE CROSSING
46+80 FENCE CORNER, (WOOD) 3' RT.
46+88 FENCE LINE CROSSING
47+15 P.I. < 11°24'50" LT.
48+13 PROPERTY LINE
48+20 FENCE CORNER, (WIRE) 32' LT.
48+62 CROP LINE CROSSING
51+71 HEDGE ROW / BRUSH
51+71 CROP LINE CROSSING
51+97 PROPERTY LINE
51+98 FENCE LINE CROSSING
52+08 HEDGE ROW / BRUSH
52+44 ENTER WETLAND WCT-03

ALIGNMENT STRIP MAP

HAMPDEN COUNTY, MASSACHUSSETS & HARTFORD COUNTY, CONNECTICUT

TOWN OF AGAWAM & SUFFIELD

MATERIAL

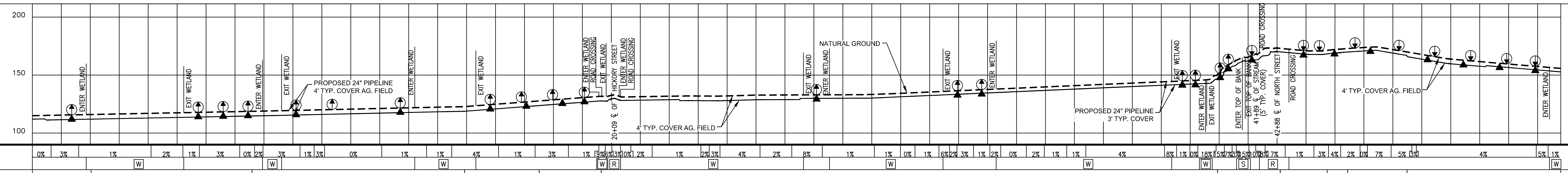
COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE

GENERAL NOTES
1. THE BEST MANAGEMENT PRACTICE (BMP) NUMBERS NOTED ABOVE CORRESPOND TO SPECIFIC DETAILS FOUND ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. THE BMP DETAILS INCLUDE GENERAL LAYOUT, LOCATION, DIMENSIONS, CONSTRUCTION NOTES, MATERIALS, ETC. THAT SHOULD BE FOLLOWED DURING CONSTRUCTION OF THE PIPELINE.
2. THE APPROXIMATE LOCATION AND TYPE OF SEDIMENT BARRIERS TO BE INSTALLED ALONG THE CONSTRUCTION WORKSPACE ARE LOCATED IN TABLES IN THE SILT FENCE DESIGN CRITERIA FOR CONNECTICUT. THE ACTUAL LOCATION SHALL BE DETERMINED IN THE FIELD BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR.
3. TEMPORARY AND PERMANENT SLOPE BREAKER SPACING IS THE SAME. SLOPE BREAKERS SHALL BE MAINTAINED IN PLACE AT ALL TIMES.



THE LOCATIONS OF TRENCH BREAKERS AND SLOPE BREAKERS SHOWN ON THE PROFILE SHALL BE USED AS A GUIDELINE ONLY. THE ACTUAL LOCATION OF THE BREAKERS SHALL BE DETERMINED IN THE FIELD BASED ON FIELD CONDITIONS BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR.

PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION) ⓘ

PERMANENT TRENCH BREAKER ▲

*AT A MINIMUM, TRENCH BREAKERS AND SLOPE BREAKERS SHALL BE LOCATED WITHIN 50 FT. OF THE EDGE (BOTH SIDES) OF WETLANDS AND WATERBODIES. ACTUAL LOCATION SHALL BE DETERMINED BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR..

PERMANENT TRENCH PLUG SPACING	
SLOPE (%)	SPACING (FT)
<5	125
5–10	100
>10–20	75
>20–35	50
>35	25

PERMANENT WATER BAR SPACING	
SLOPE (%)	SPACING (FT)
<1	400
2	245
3–5	125
>6–10	78
11–15+	58

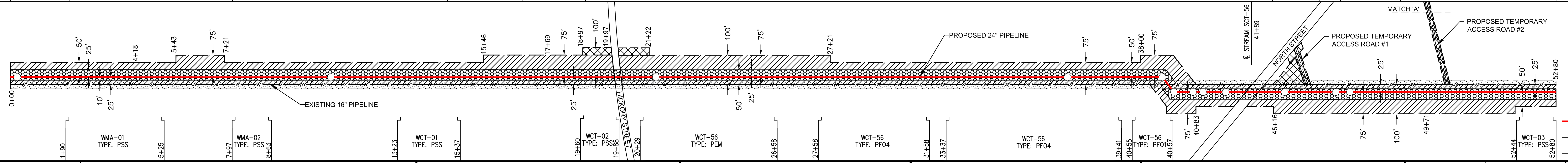
ENVIRONMENTAL

GENERAL E&S FIGURES: 19 | 20 | 29 | 30 | 31 | 34 | 41 | 65 | 81 | 82 | 83 | 84 | 118

SOIL TYPE

0+00 – 2+07	2+07 – 7+44	7+44 – 14+91	14+91 – 17+53	17+53 – 19+71	19+71 – 41+32	41+32 – 43+12	43+12 – 44+63	44+63 – 45+10	45+10 – 47+40	47+40 – 52+80
250B	736A	25B	87D	25B	9	87D	5	32B	32C	82B

WORKSPACE SCHEMATIC

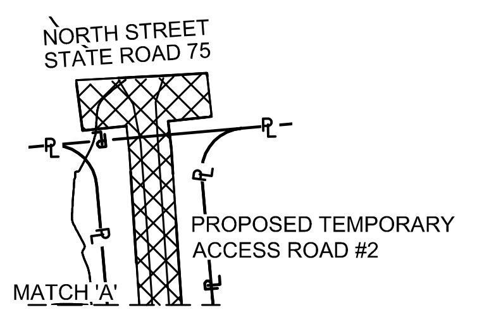


LEGEND

- ▨ EXISTING PERMANENT EASEMENT
- ▨ PROPOSED PERMANENT EASEMENT
- ▨ TEMPORARY WORKSPACE
- ▨ ADDITIONAL TEMPORARY WORKSPACE (ATWS)
- LIMITS OF DISTURBANCE
- ℄ Proposed 24" Pipeline
- ℄ Existing Pipeline
- —SF— Silt Fence

L.L. NO.	OWNERSHIP
2	
1	
825	
824	
823	
822.01	
822	
821.02	
821.01	
821	
820	
819.01	
819	
818.05	
818.04	
818.03	
818.02	
818.01	
818	

WORKSPACE INSETS



REFERENCE DRAWINGS

BMP GROUP LEGEND

SYMBOL	BMP GROUP	ASSOCIATED BMP FIGURE NUMBERS
W	WETLANDS CROSSING	2,11,12,13,19,20,29,34,37,40,46,58A,90,91
S	WATERBODY CROSSING	1,2,5,6,7,19,20,30,31,36,37,38,39,41,44,63,80
R	ROAD CROSSING	3,15,49,50

SOIL TYPE LEGEND

250B	Pollux fine sandy loam 3 to 8 percent slopes
736A	Scantic Variant silt loam, 0 to 3 percent slopes
25B	Brancroft silt loam, 3 to 8 percent slopes
87D	Wethersfield loam, 15 to 25 percent slopes
9	Scitico, Shaker, and Maybid soils
5	Wilbraham silt loam
32B	Haven and Enfield soils, 3 to 8 percent slopes
32C	Haven and Enfield soils, 8 to 15 percent slopes
82B	Broadbrook silt loam, 3 to 8 percent slopes

ISSUED FOR FERC RESUBMITTAL

NOTE: MAOP IS 800 PSIG, OPERATING 719 PSIG

SCALE

200 100 0 200 400

IMAGERY DATE: JULY, 2012

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
B		ISSUED FOR FERC RESUBMITTAL	3/20/15	AP	RE	
A		ISSUED FOR FERC	7/21/14	MS	BP	RG

AREA: NASSAU	DIV.: NORTHERN
DRAFTER: MS	DATE: 06/27/14
DRAFT. COORD: JD	DATE: 06/30/14

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

CONNECTICUT EXPANSION
CONNECTICUT LOOP 300
PROPOSED 24" NATURAL GAS PIPELINE
EROSION & SEDIMENTATION CONTROL PLAN
HARTFORD COUNTY, CONNECTICUT
HAMPDEN COUNTY, MASSACHUSETTS

DESIGN COORD:	DATE:	SCALE: 1" = 200'	AFE: 67190 & 67159
PROJECT COORD:	DATE:	TO-T13-300-2-109	B
OPER. APPR:	DATE:		

PROTECTION EASEMENT

LINE LIST RODS	818	817	816.01	816	815	814	813	812
Station	52+80 – 56+49	56+49 – 64+37	64+37 – 66+17	66+17 – 84+39	84+39 – 85+22	85+22 – 92+40	92+40 – 104+07	104+07 – 105+60
Rods	22.4	47.7	10.9	110.4	5.0	43.5	70.7	9.2

PIPELINE STATIONING

52+80 MATCHLINE STATION
54+61 CROP LINE CROSSING
56+49 PROPERTY LINE
58+13 CROP LINE CROSSING
59+50 TOP OF SLOPE
64+09 EXIT WETLAND WCT-03
64+16 EDGE OF DRIVEWAY AND PROPOSED TEMPORARY ACCESS ROAD #3
64+32 EDGE OF DRIVEWAY AND PROPOSED TEMPORARY ACCESS ROAD #3
64+37 FENCE LINE CROSSING
64+37 PROPERTY LINE
64+40 ENTER WETLAND WCT-04
65+41 TOE OF SLOPE
65+56 EXIT WETLAND WCT-04
66+03 TOP OF SLOPE
66+17 PROPERTY LINE
66+30 P.I. < 3°42'29" LT.
66+70 ENTER WETLAND WCT-06
68+53 TOP OF BANK
68+54 TOE OF BANK
68+54 ℄ OF STREAM SCT-01
68+55 TOE OF BANK
68+55 TOP OF BANK
69+96 EXIT WETLAND WCT-06
70+76 OLD CAR 41 LT.
70+95 FENCE LINE CROSSING
71+71 ENTER WETLAND WCT-07
72+84 P.I. < 7°29'08" RT.
72+92 EXIT WETLAND WCT-07
73+32 ENTER WETLAND WCT-07
73+89 EXIT WETLAND WCT-07
74+71 ENTER WETLAND WCT-09
76+07 EXIT WETLAND WCT-09
76+67 ENTER WETLAND WCT-09
77+02 P.I. < 1°44'21" LT.
77+54 EXIT WETLAND WCT-09
77+68 ENTER WETLAND WCT-10
77+81 ENTER WETLAND WCT-10
78+41 ENTER WETLAND WCT-11
79+92 EXIT WETLAND WCT-11
80+22 ENTER WETLAND WCT-11
82+68 TREE LINE CROSSING
83+07 P.I. < 1°51'37" LT.
83+47 TOP OF BANK
83+54 ℄ OF STREAM SCT-11
83+58 TOP OF BANK
84+04 TREE LINE CROSSING
84+39 PROPERTY LINE
84+42 TOE OF SLOPE
84+44 POWER POLE 102' LT.
84+46 EXIT WETLAND WCT-11
84+48 POWER LINE CROSSING (102' TIE TO POLE #4192)
84+53 EDGE OF ROAD
84+65 ℄ HALLADAY AVENUE WEST
84+76 EDGE OF ROAD
84+85 TOE OF SLOPE
84+85 ENTER WETLAND WCT-12
85+22 PROPERTY LINE
85+97 EXIT WETLAND WCT-12
87+78 ENTER WETLAND WCT-12
89+21 TOP OF BANK
89+30 ℄ OF STREAM SCT-12
89+37 TOP OF BANK
89+96 TREE LINE CROSSING
92+14 EXIT WETLAND WCT-12
92+21 ENTER WETLAND WCT-12
92+40 PROPERTY LINE
92+52 TREE LINE CROSSING
92+57 P.I. < 16°21'33" RT.
96+19 EXIT WETLAND WCT-12
97+28 ENTER WETLAND WCT-12
99+61 TREE LINE CROSSING
99+69 TREE LINE CROSSING
101+28 TREE LINE CROSSING
103+59 EXIT WETLAND WCT-12
103+69 EDGE OF FIELD ROAD
103+78 ℄ OF FIELD ROAD
103+86 EDGE OF FIELD ROAD
104+07 PROPERTY LINE
105+09 ENTER WETLAND WCT-13
105+14 16" CULVERT (CMP)
105+18 EXIT WETLAND WCT-13
105+42 TREE LINE CROSSING

ALIGNMENT STRIP MAP

MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE

GENERAL NOTES
1. THE BEST MANAGEMENT PRACTICE (BMP) NUMBERS NOTED ABOVE CORRESPOND TO SPECIFIC DETAILS FOUND ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. THE BMP DETAILS INCLUDE GENERAL LAYOUT, LOCATION, DIMENSIONS, CONSTRUCTION NOTES, MATERIALS, ETC. THAT SHOULD BE FOLLOWED DURING CONSTRUCTION OF THE PIPELINE.
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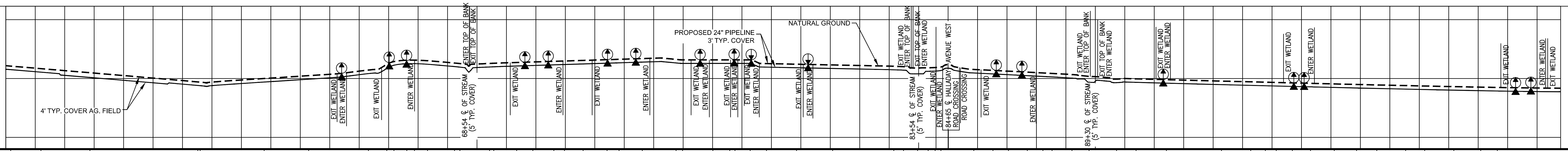
3. TEMPORARY AND PERMANENT SLOPE BREAKER SPACING IS THE SAME. SLOPE BREAKERS SHALL BE MAINTAINED IN PLACE AT ALL TIMES.



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PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION) ⊕

PERMANENT TRENCH BREAKER ▲

*AT A MINIMUM, TRENCH BREAKERS AND SLOPE BREAKERS SHALL BE LOCATED WITHIN 50 FT. OF THE EDGE (BOTH SIDES) OF WETLANDS AND WATERBODIES. ACTUAL LOCATION SHALL BE DETERMINED BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR..

PERMANENT TRENCH BREAKER SPACING	
SLOPE (%)	SPACING (FT)
<5	125
5–10	100
>10–20	75
>20–35	50
>35	25

PERMANENT SLOPE BREAKER SPACING	
SLOPE (%)	SPACING (FT)
1	400
2	245
3–5	125
6–10	78
11–15+	58

ENVIRONMENTAL

1% 3% 1% 6% 1% 1% 2% 3% 18% 20% 14% 1% 1% 2% 12% 7% 3% 4% 3% 3% 5% 3% 1% 5% 0% 2% 7% 4% 3% 2% 2% 5% 3% 3% 1% 11% 1% 2% 23% 20% 1% 3% 4% 6% 3% 5% 5% 3% 1% 1% 2% 7% 0% 3% 3% 0% 5% 2% 1% 2% 1% 0% 1% 1% 5% 3%

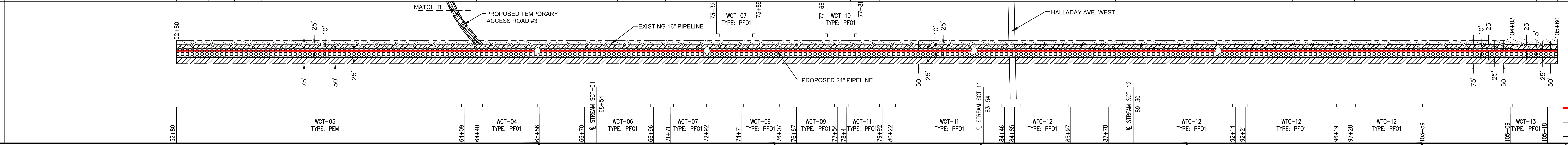
W W W W W W W W W S W R W W W W W W

GENERAL E&S FIGURES							
	19	20	29	30	31	34	41
	65	81	82	83	84	118	

SOIL TYPE

52+80 – 54+05	54+05 – 55+04	55+04 – 56+09	56+09 – 64+35	64+35 – 66+26	66+26 – 69+79	69+79 – 71+63	71+63 – 78+76	78+76 – 79+88	79+88 – 81+08	81+08 – 85+65	85+65 – 88+59	88+59 – 95+40	95+40 – 97+79	97+79 – 102+97	102+97 – 104+79	104+79 – 105+60
82B	9	25B	9	28B	9	36B	23A	9	23A	9	25B	9	25B	9	40A	25A

WORKSPACE SCHEMATIC

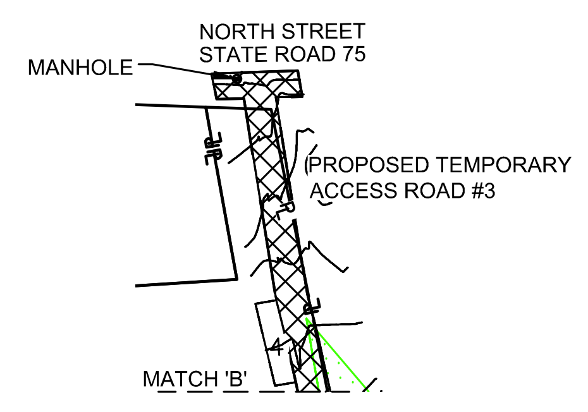


LEGEND

▨	EXISTING PERMANENT EASEMENT
▦	PROPOSED PERMANENT EASEMENT
▨	TEMPORARY WORKSPACE
▩	ADDITIONAL TEMPORARY WORKSPACE (ATWS)
	LIMITS OF DISTURBANCE
———	℄ Proposed 24" Pipeline
—//—//—//—	℄ Existing Pipeline
——SF——	Silt Fence

L.L. NO.	OWNERSHIP
818	
817	
816.01	
816	
815	
814	
813	
812	

WORKSPACE INSETS



REFERENCE DRAWINGS

BMP GROUP LEGEND

SYMBOL	BMP GROUP	ASSOCIATED BMP FIGURE NUMBERS
W	WETLANDS CROSSING	2,11,12,13,19,20,29,34,37,40,46,58A,90,91
S	WATERBODY CROSSING	1,2,5,6,7,19,20,30,31,36,37,38,39,41,44,63,80 111,115,116,119
R	ROAD CROSSING	3,15,49,50

SOIL TYPE LEGEND

82B	Broadbrook silt loam, 3 to 8 percent slopes
9	Scitico, Shaker, and Maybid soils
25B	Brancroft silt loam, 3 to 8 percent slopes
28B	Elmridge fine sandy loam, 3 to 8 percent slopes
36B	Windsor loamy sand, 3 to 8 percent slopes
23A	Sudbury sandy loam, 0 to 5 percent slopes
40A	Ludlow silt loam, 0 to 3 percent slopes
25A	Brancroft silt loam, 0 to 3 percent slopes

ISSUED FOR FERC RESUBMITTAL

NOTE: MAOP IS 800 PSIG, OPERATING 719 PSIG

SCALE

200 100 0 200 400

IMAGERY DATE: JULY, 2012

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
B		ISSUED FOR FERC RESUBMITTAL	3/20/15	AP	RE	
A		ISSUED FOR FERC	7/21/14	MS	BP	RG

AREA: NASSAU	DIV.: NORTHERN
DRAFTER: MS	DATE: 06/27/14
DRAFT. COORD: JD	DATE: 06/30/14

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

CONNECTICUT EXPANSION
CONNECTICUT LOOP 300
PROPOSED 24" NATURAL GAS PIPELINE
EROSION & SEDIMENTATION CONTROL PLAN
HARTFORD COUNTY, CONNECTICUT

DESIGN COORD:	DATE:	SCALE: 1" = 200'	AFE: 67159
PROJECT COORD:	DATE:	TO-T13-300-2-109A	B
OPER. APPR:	DATE:		

PROTECTION EASEMENT		810	810	806.06

LINE LIST RODS	812	811	811.01	809	808	807	806.05	806.04	806.03	806.02	806.01	805	804.02	804.01	804
Stations	105+60 – 112+49	112+49 – 115+49	115+49 – 123+00	123+00 – 127+51	127+51 – 136+66	136+66 – 137+55	137+55 – 138+37	138+37 – 141+90	141+90 – 145+00	145+00 – 149+01	149+01 – 149+13	149+13 – 155+62	155+62 – 157+38	157+38	157+38 – 158+40
Rods	41.7	18.2	45.5	27.4	55.4	5.4	5.0	21.4	18.8	24.3	0.7	39.4	10.6		6.2

PIPELINE STATIONING

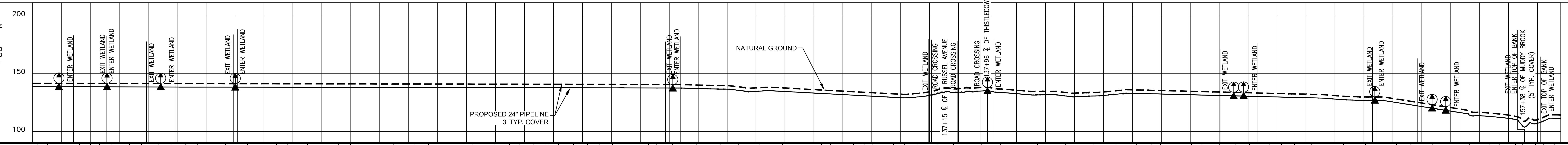
106+37 INSIDE EDGE OF TRACK 50' RT.
106+43 OUTSIDE EDGE OF TRACK 3' LT.
106+73 INSIDE EDGE OF TRACK 9' RT.
107+04 OUTSIDE EDGE OF TRACK 37' LT.
107+13 INSIDE EDGE OF TRACK 6' LT.
107+21 ENTER WETLAND-15
107+50 12" CULVERT (PLASTIC) 5' O/S LT.
107+99 OUTSIDE EDGE OF TRACK 41' LT.
108+62 INSIDE EDGE OF TRACK 11' LT.
109+03 FENCE CORNER, (PLASTIC) 37' LT.
109+23 FENCE CORNER, (PLASTIC) 10' LT.
109+28 12" CULVERT (PLASTIC) 6' O/S LT.
109+32 FENCE CORNER, (PLASTIC) 10' LT.
109+34 FENCE CORNER, (PLASTIC) 39' LT.
109+68 EXIT WETLAND WCT-15
109+89 OUTSIDE EDGE OF TRACK 42' LT.
110+56 ENTER WETLAND WCT-15
110+84 INSIDE EDGE OF TRACK 24' LT.
111+21 12" CULVERT (PLASTIC) 26' O/S LT.
111+59 OUTSIDE EDGE OF TRACK 45' LT.
111+66 INSIDE EDGE OF TRACK 14' LT.
111+84 EDGE OF DRIVEWAY
112+09 INSIDE EDGE OF TRACK 42' RT.
112+22 EDGE OF DRIVEWAY
112+35 OUTSIDE EDGE OF TRACK 36' RT.
112+49 PROPERTY LINE
112+56 EXIT WETLAND WCT 15
115+49 PROPERTY LINE
116+93 TREE LINE CROSSING
118+37 FENCE LINE CROSSING
119+09 ENTER WETLAND WCT-16
119+23 TREE LINE CROSSING
122+74 P.I. < 21°34'01" LT.
123+00 PROPERTY LINE
127+12 EDGE OF ROAD
127+15 ℄ OF ROAD
127+18 EDGE OF ROAD
127+37 TREE LINE CROSSING
127+51 EXIT WETLAND WCT-16
127+51 PROPERTY LINE
127+55 FENCE LINE CROSSING
128+00 ENTER WETLAND WCT-16
128+85 TREE LINE CROSSING
131+02 P.I. < 19°54'54" LT.
131+76 EXISTING PIPELINE CROSSING
132+32 P.I. < 37°25'45" RT.
133+43 FENCE CORNER, (BARB WIRE) 34' RT.
133+57 FENCE CORNER, (BARB WIRE) 39' RT.
134+26 TREE LINE CROSSING
134+78 TREE LINE CROSSING
135+53 P.I. < 13°18'38" RT.
136+61 EXIT WETLAND WCT-16
136+65 EDGE OF DRIVEWAY
136+66 PROPERTY LINE
136+83 POWER POLE 62' LT.
136+98 POWER LINE CROSSING (65' TIE TO POLE #4322)
137+03 EDGE OF ROAD
137+15 ℄ OF RUSSEL AVENUE
137+47 TELEPHONE PEDESTAL (AT&T) 51' LT.
136+83 POWER POLE 79' RT.
137+27 MAIL BOX 11 RT.
137+29 EDGE OF ROAD
137+42 6" CULVERT (PLASTIC)
137+44 TELEPHONE PEDESTAL
137+53 MONUMENT, FND. 6" CONCRETE 3' RT.
137+55 PROPERTY LINE
137+69 MONUMENT, FND. 6" CONCRETE 44' LT.
137+70 EDGE OF ROAD
137+71 EDGE OF CURB
137+96 ℄ OF THISTLEDOWN
138+01 MONUMENT, FND. 6" CONCRETE 35' RT.
138+19 EDGE OF ROAD
138+20 EDGE OF CURB
138+35 MONUMENT, FND. 6" CONCRETE 2' LT.
138+37 PROPERTY LINE
138+38 TOP OF SLOPE
138+82 TREE LINE CROSSING
138+85 ENTER WETLAND WCT-18
138+91 TOE OF SLOPE
141+20 TREE LINE CROSSING
141+65 15" CULVERT (CMP) 53' LT.
141+90 PROPERTY LINE
144+28 TREE LINE CROSSING
145+00 PROPERTY LINE
145+01 TREE LINE CROSSING
145+34 LANDSCAPE AREA 28' RT.
145+75 P.I. < 14°56'43" LT.
146+65 TREE LINE CROSSING
146+82 EXIT WETLAND WCT-18
147+95 ENTER WETLAND WCT-18
149+01 PROPERTY LINE
149+13 PROPERTY LINE
150+30 TREE LINE CROSSING
153+52 EXIT WETLAND WCT-18
154+92 ENTER WETLAND-18
154+95 P.I. < 4°39'58" LT.
155+54 TOE OF SLOPE
155+62 PROPERTY LINE
156+11 TREE LINE CROSSING
157+13 TOP OF BANK
157+21 TOE OF BANK
157+38 ℄ OF SCT-19 (MUDDY BROOK)
157+38 PROPERTY LINE
157+64 TOE OF BANK
157+69 TOP OF BANK

ALIGNMENT STRIP MAP

MATERIAL	
COATING	
DESIGN FACTOR	
CLASS LOCATION	

PROFILE

GENERAL NOTES
1. THE BEST MANAGEMENT PRACTICE (BMP) NUMBERS NOTED ABOVE CORRESPOND TO SPECIFIC DETAILS FOUND ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. THE BMP DETAILS INCLUDE GENERAL LAYOUT, LOCATION, DIMENSIONS, CONSTRUCTION NOTES, MATERIALS, ETC. THAT SHOULD BE FOLLOWED DURING CONSTRUCTION OF THE PIPELINE.
2. THE APPROXIMATE LOCATION AND TYPE OF SEDIMENT BARRIERS TO BE INSTALLED ALONG THE CONSTRUCTION WORKSPACE ARE LOCATED IN TABLES IN THE SILT FENCE DESIGN CRITERIA FOR CONNECTICUT. THE ACTUAL LOCATION SHALL BE DETERMINED IN THE FIELD BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR.
3. TEMPORARY AND PERMANENT SLOPE BREAKERS SPACING IS THE SAME. SLOPE BREAKERS SHALL BE MAINTAINED IN PLACE AT ALL TIMES.



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PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION) ⊕

PERMANENT TRENCH BREAKER ▲

*AT A MINIMUM, TRENCH BREAKERS AND SLOPE BREAKERS SHALL BE LOCATED WITHIN 50 FT. OF THE EDGE (BOTH SIDES) OF WETLANDS AND WATERBODIES. ACTUAL LOCATION SHALL BE DETERMINED BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR..

PERMANENT TRENCH BREAKER SPACING	
SLOPE (%)	SPACING (FT)
<5	125
5–10	100
>10–20	75
>20–35	50
>35	25

PERMANENT SLOPE BREAKER SPACING	
SLOPE (%)	SPACING (FT)
1	400
2	245
3–5	125
6–10	78
11–15+	58

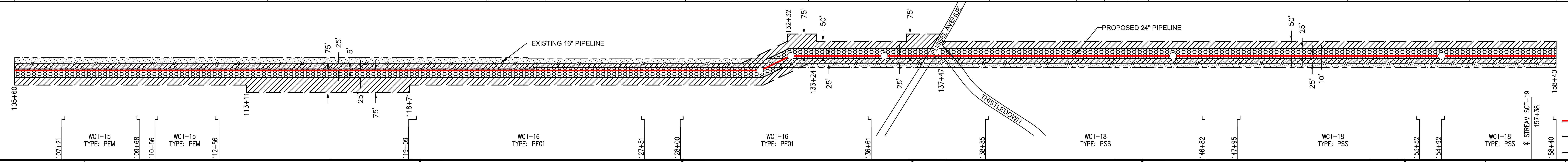
ENVIRONMENTAL

GENERAL E&S FIGURES	19	20	29	30	31	34	41
	65	81	82	83	84	118	

SOIL TYPE

105+60	25A	114+25	9	121+68	87C	123+69	9	128+56	25B	132+52	9	138+79	25A	141+78	9	142+75	25B	143+56	25A	144+29	9	151+17	25A	155+39	109	158+40

WORKSPACE SCHEMATIC



LEGEND

▨ EXISTING PERMANENT EASEMENT
▨ PROPOSED PERMANENT EASEMENT
▨ TEMPORARY WORKSPACE
▨ ADDITIONAL TEMPORARY WORKSPACE (ATWS)
LIMITS OF DISTURBANCE
℄ Proposed 24" Pipeline
℄ Existing Pipeline
—SF— Silt Fence

L.L. NO.	OWNERSHIP
812	
811	
811.01	
810	
809.01	
809	
808	
807	
806.07	
806.06	
806.05	
806.04	
806.03	
806.02	
806.01	
806	
805	
804.02	
804.01	
804	

WORKSPACE INSETS

REFERENCE DRAWINGS

BMP GROUP LEGEND

SYMBOL	BMP GROUP	ASSOCIATED BMP FIGURE NUMBERS
W	WETLANDS CROSSING	2,11,12,13,19,20,29,34,37,40,46,58A,90,91
S	WATERBODY CROSSING	1,2,5,6,7,19,20,30,31,36,37,38,39,41,44,63,80 111,115,116,119
R	ROAD CROSSING	3,15,49,50

SOIL TYPE LEGEND

25A	Brancroft silt loam, 0 to 3 percent slopes
9	Scitico, Shaker, and Maybid soils
87C	Wethersfield loam, 8 to 15 percent slopes
25B	Brancroft silt loam, 3 to 8 percent slopes
25A	Brancroft silt loam, 0 to 3 percent slopes
109	Fluvaquents-Udifluvents complex, frequently flooded

ISSUED FOR FERC RESUBMITTAL

NOTE: MAOP IS 800 PSIG, OPERATING 719 PSIG

SCALE
200 100 0 200 400

IMAGERY DATE: JULY, 2012

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
B		ISSUED FOR FERC RESUBMITTAL	3/20/15	AP	RE	
A		ISSUED FOR FERC	7/21/14	MS	BP	RG

AREA: NASSAU	DIV.: NORTHERN
DRAFTER: MS	DATE: 06/27/14
DRAFT. COORD: JD	DATE: 06/30/14

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

CONNECTICUT EXPANSION
CONNECTICUT LOOP 300
PROPOSED 24" NATURAL GAS PIPELINE
EROSION & SEDIMENTATION CONTROL PLAN
HARTFORD COUNTY, CONNECTICUT

DESIGN COORD:	DATE:	SCALE: 1" = 200'	AFE: 67159
PROJECT COORD:	DATE:	TO-T13-300-2-109B	B
OPER. APPR:	DATE:		

PROTECTION EASEMENT

LINE LIST
RODS

Station	L.L.	Rods
158+40 – 165+96	804	45.9
165+96 – 171+86	803.01	35.7
171+86 – 190+22	803	111.3
190+22 – 191+18	802	16.9
191+18 – 192+05	801	5.3
192+05 – 192+67	800.03	3.7
192+67 – 196+71	800.02	13.5
196+71 – 198+19	800.01	8.9
198+19 – 199+65	800	8.9
199+65 – 207+52	799	47.7
207+52 – 211+20	798	22.3

PIPELINE STATIONING

159+07 TOE OF SLOPE
159+11 EXIT WETLAND WCT-18
159+23 TOP OF SLOPE
159+79 TREE LINE CROSSING
160+00 CROP LINE CROSSING
165+55 CROP LINE CROSSING
165+59 TOE OF SLOPE
165+75 TOP OF SLOPE
165+96 PROPERTY LINE
167+21 EDGE OF ACCESS ROAD
167+31 ℄ OF PROPOSED TEMPORARY ACCESS ROAD #4A
167+41 EDGE OF ACCESS ROAD
170+80 ENTER WETLAND WCT-21
171+86 PROPERTY LINE
176+98 EXIT WETLAND WCT-21
178+18 ENTER WETLAND WCT-21
182+60 EXIT WETLAND WCT-21
182+70 EDGE OF ACCESS ROAD
182+70 P.I. < 1°42'54" RT.
182+76 ℄ OF PROPOSED TEMPORARY ACCESS ROAD #4
182+82 EDGE OF ACCESS ROAD
182+82 ENTER WETLAND WCT-22
187+45 TOE OF SLOPE
189+19 TOE OF SLOPE
189+52 EXIT WETLAND WCT-22
190+06 TREE LINE CROSSING
190+22 PROPERTY LINE
190+52 TREE LINE CROSSING
191+18 P.I. < 19°55'57" RT.
191+83 ENTER WETLAND WCT-22
192+73 EXIT WETLAND WCT-22
192+95 TOE OF SLOPE
193+01 PROPERTY LINE
193+01 PROPERTY LINE
193+03 TOP OF SLOPE
193+06 MAIL BOX 19 RT.
193+07 EDGE OF DRIVEWAY
193+29 EDGE OF ROAD
193+43 ℄ OF HILL STREET
193+61 EDGE OF ROAD
193+75 POWER LINE CROSSING (4' TIE TO POLE #4798)
193+78 POWER POLE 3' RT.
193+87 PROPERTY LINE
193+88 TOE OF SLOPE
194+26 ENTER WETLAND WCT-24
194+45 TOE OF SLOPE
194+49 PROPERTY LINE
195+47 TREE LINE CROSSING
196+71 PROPERTY LINE
197+03 TOE OF SLOPE
197+91 HEDGE ROW / BRUSH
198+09 HEDGE ROW / BRUSH
198+18 PROPERTY LINE
199+49 TOE OF SLOPE
199+58 TOP OF SLOPE
199+65 PROPERTY LINE
199+66 EXIT WETLAND WCT-24
199+71 TREE LINE CROSSING
199+77 P.I. < 8°45'24" LT.
200+78 SOCCER GOAL POST 22 LT.
200+96 SOCCER GOAL POST 34 LT.
202+03 TOP OF SLOPE
202+28 TOE OF SLOPE
202+59 SOCCER GOAL POST 39 LT.
204+39 ENTER WETLAND WCT-25
205+43 TREE LINE CROSSING
206+42 EXIT WETLAND WCT-25
207+52 PROPERTY LINE
207+78 P.I. < 11°23'52" LT.
208+31 ENTER WETLAND WCT-25
211+18 TREE LINE CROSSING

ALIGNMENT STRIP MAP

MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE

GENERAL NOTES
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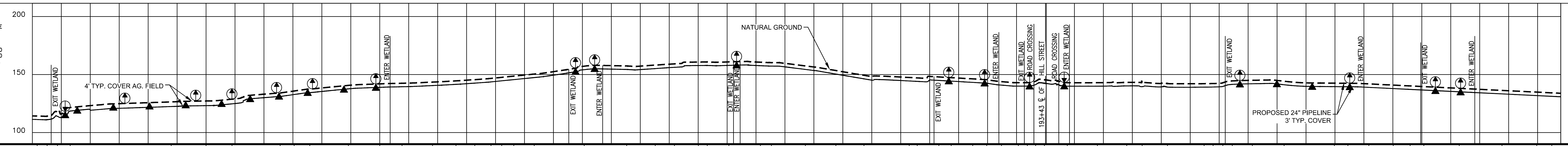

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PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION) ⊕

PERMANENT TRENCH BREAKER ▲

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PERMANENT TRENCH BREAKER SPACING	
SLOPE (%)	SPACING (FT)
<5	125
5–10	100
>10–20	75
>20–35	50
>35	25

PERMANENT SLOPE BREAKER SPACING	
SLOPE (%)	SPACING (FT)
1	400
2	245
3–5	125
6–10	78
11–15+	58

ENVIRONMENTAL

1% 30% 8% 10% 2% 0% 3% 8% 5% 3% 2% 1% 0% 1% 2% 2% 1% 2% 3% 3% 3% 1% 2% 3% 1% 1% 1% 1% 0% 3% 3% 4% 1% 3% 1% 3% 2% 2% 5% 5% 25% 2% 3% 6% 2% 3% 4% 1% 1% 1% 5% 2% 3% 1% 1% 1% 5% 1% 0% 2% 3% 3% 0% 2% 15%

W W W W W R W W W

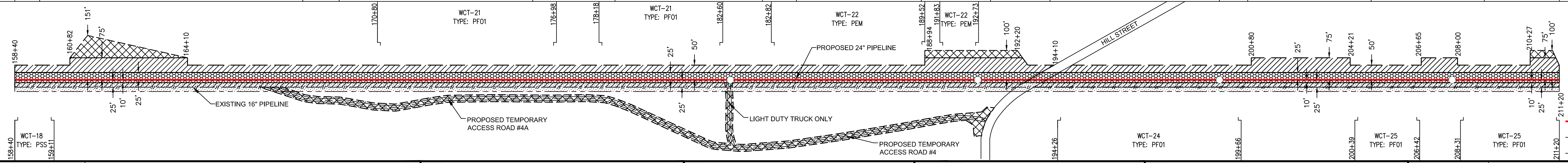
GENERAL E&S FIGURES

19	20	29	30	31	34	41
65	81	82	83	84	118	

SOIL TYPE

Station	Soil
158+40 – 159+26	109
159+26 – 168+30	28A
168+30 – 169+55	82B
169+55 – 176+20	9
176+20 – 179+03	28B
179+03 – 184+10	9
184+10 – 185+27	27A
185+27 – 189+55	10
189+55 – 191+94	82B
191+94 – 193+98	27A
193+98 – 199+61	10
199+61 – 200+58	27A
200+58 – 204+73	308
204+73 – 208+62	27A
208+62 – 211+20	10

WORKSPACE SCHEMATIC



LEGEND

▨ EXISTING PERMANENT EASEMENT
▨ PROPOSED PERMANENT EASEMENT
▨ TEMPORARY WORKSPACE
▨ ADDITIONAL TEMPORARY WORKSPACE (ATWS)
LIMITS OF DISTURBANCE
🟥 ℄ Proposed 24" Pipeline
—//—//—//— ℄ Existing Pipeline
——SF—— Silt Fence

L.L. NO.	OWNERSHIP
804	
803.01	
803	
802	
801	
800.03	
800.02	
800.01	
800	
799	
798	

WORKSPACE INSETS

FIELD NOTES

REFERENCE DRAWINGS

BMP GROUP LEGEND

SYMBOL	BMP GROUP	ASSOCIATED BMP FIGURE NUMBERS
W	WETLANDS CROSSING	2,11,12,13,19,20,29,34,37,40,46,58A,90,91
S	WATERBODY CROSSING	1,2,5,6,7,19,20,30,31,36,37,38,39,41,44,63,80 111,115,116,119
R	ROAD CROSSING	3,15,49,50

SOIL TYPE LEGEND

109	Fluvaquents-Udifluvents complex, frequently flooded
28A	Elmridge fine sandy loam, 0 to 3 percent slopes
82B	Broadbrook silt loam, 3 to 8 percent slopes
9	Scitico, Shaker, and Maybid soils
28B	Elmridge fine sandy loam, 3 to 8 percent slopes
27A	Belgrade silt loam, 0 to 5 percent slopes
10	Raynham silt loam
308	Udorthents, smoothed

ISSUED FOR FERC RESUBMITTAL

NOTE: MAOP IS 800 PSIG, OPERATING 719 PSIG

SCALE

200 100 0 200 400

IMAGERY DATE: JULY, 2012

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
B		ISSUED FOR FERC RESUBMITTAL	3/20/15	AP	RE	
A		ISSUED FOR FERC	7/21/14	MS	BP	RG

AREA: NASSAU	DIV.: NORTHERN
DRAFTER: MS	DATE: 06/27/14
DRAFT. COORD: JD	DATE: 06/30/14

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

CONNECTICUT EXPANSION
CONNECTICUT LOOP 300
PROPOSED 24" NATURAL GAS PIPELINE
EROSION & SEDIMENTATION CONTROL PLAN
HARTFORD COUNTY, CONNECTICUT

DESIGN COORD:	DATE:	SCALE: 1" = 200'	AFE: 67159
PROJECT COORD:	DATE:	TO-T13-300-2-110	B
OPER. APPR:	DATE:		

PROTECTION EASEMENT: 796.01

LINE LIST RODS

Tract	From	To	Rods
798	211+20	211+37	1.0
797	211+37	212+34	5.9
796	212+34	213+20	5.2
795	213+20	214+44	7.5
794	214+44	219+70	31.8
793	219+70	224+17	27.1
792	224+17	225+13	5.8
791	225+13	241+10	96.7
790.02	241+10	260+54	117.8
790.01	260+54	264+00	21.0

PIPELINE STATIONING

211+37 PROPERTY LINE
211+52 POWER POLE 24' LT.
211+54 TOE OF SLOPE
211+54 EXIT WETLAND WCT–25
211+52 UNDERGROUND COMMUNICATIONS LINE CROSSING
211+66 POWER LINE CROSSING (28' TIE TO POLE #4886)
211+68 FOREIGN PIPELINE CROSSING
211+70 EDGE OF ROAD
211+73 POWER POLE 90' LT.
211+88 ℄ OF MOUNTAIN ROAD (STATE HIGHWAY 168)
212+05 EDGE OF ROAD
212+16 WATER LINE CROSSING
212+18 POWER POLE 90' RT.
212+26 ENTER WETLAND WCT–26
212+26 TOE OF SLOPE
212+34 PROPERTY LINE
212+48 POWER POLE 38' LT.
213+20 PROPERTY LINE
213+35 12" CULVERT (CMP) 2' O/S RT.
213+36 12" CULVERT (CMP) 2' O/S RT.
213+47 EXIT WETLAND WCT–26
213+59 EDGE OF ACCESS ROAD
213+70 ℄ OF PROPOSED TEMPORARY ACCESS ROAD #5B
213+82 EDGE OF ACCESS ROAD
213+91 TREE LINE CROSSING
213+97 ENTER WETLAND WCT–27
214+44 PROPERTY LINE
214+91 TREE LINE CROSSING
217+23 EXIT WETLAND WCT–27
219+70 PROPERTY LINE
219+83 EDGE OF ACCESS ROAD
219+88 ℄ OF PROPOSED TEMPORARY ACCESS ROAD #5B
219+93 EDGE OF ACCESS ROAD
220+08 ENTER WETLAND WCT–29
223+68 P.I. < 10°48'09" RT.
224+17 PROPERTY LINE
224+77 EXIT WETLAND WCT–29
225+13 PROPERTY LINE
225+23 EDGE OF FIELD ROAD
225+29 ℄ OF FIELD ROAD
225+36 EDGE OF FIELD ROAD
229+51 EDGE OF FIELD ROAD
229+57 ℄ OF DRIVEWAY
229+63 EDGE OF FIELD ROAD
232+87 ENTER WETLAND WCT–30
233+49 EDGE OF ACCESS ROAD
233+59 ℄ OF PROPOSED TEMPORARY ACCESS ROAD #5A
233+69 EDGE OF ACCESS ROAD
233+82 20" CULVERT (RCP) 1' O/S RT.
234+76 EXIT WETLAND WCT–30
237+50 TREE LINE CROSSING
237+97 TREE LINE CROSSING
240+73 TREE LINE CROSSING
241+10 PROPERTY LINE
241+61 ENTER WETLAND WCT–31
245+48 EXIT WETLAND WCT–31
251+00 ENTER WETLAND WCT–32
253+71 EXIT WETLAND WCT–32
256+81 ENTER WETLAND WCT–33
260+37 EXIT WETLAND WCT–33
260+53 PROPERTY LINE
260+70 ENTER WETLAND WCT–33

ALIGNMENT STRIP MAP

MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE

GENERAL NOTES
1. THE BEST MANAGEMENT PRACTICE (BMP) NUMBERS NOTED ABOVE CORRESPOND TO SPECIFIC DETAILS FOUND ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. THE BMP DETAILS INCLUDE GENERAL LAYOUT, LOCATION, DIMENSIONS, CONSTRUCTION NOTES, MATERIALS, ETC. THAT SHOULD BE FOLLOWED DURING CONSTRUCTION OF THE PIPELINE.
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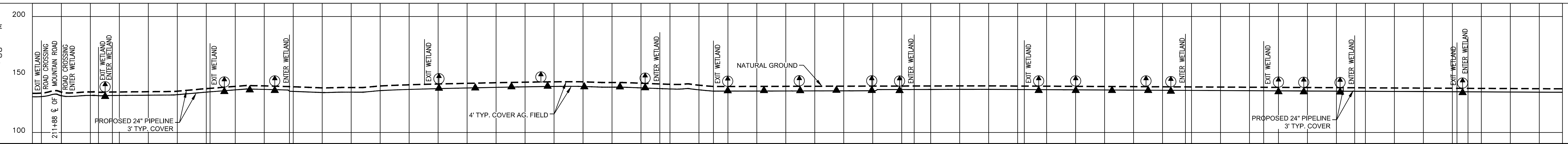

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PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION) ⏀

PERMANENT TRENCH BREAKER ▲

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PERMANENT TRENCH BREAKER SPACING	
SLOPE (%)	SPACING (FT)
<5	125
5–10	100
>10–20	75
>20–35	50
>35	25

PERMANENT SLOPE BREAKER SPACING	
SLOPE (%)	SPACING (FT)
1	400
2	245
3–5	125
6–10	78
11–15+	58

ENVIRONMENTAL

15% 3% 3% 4% 3% 8% 3% 1% 2% 2% 1% 0% 1% 1% 1% 1% 2% 1% 1% 2% 1% 0% 1% 0% 1% 8% 2% 2% 2% 3% 4% 2% 1% 1% 2% 1% 3% 1% 3% 1% 2% 3% 1% 1% 3% 1% 1% 2% 3% 3% 3% 1% 2% 2% 1% 2% 0% 1%

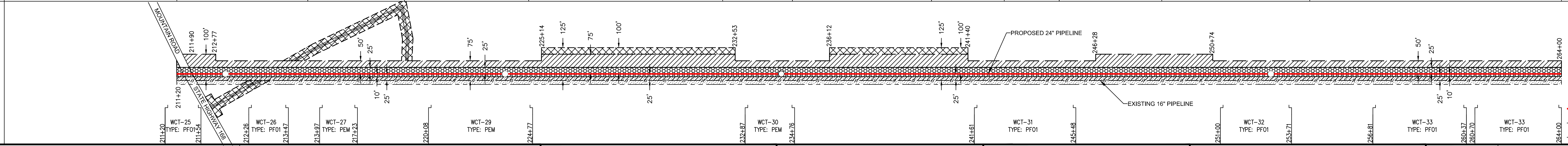
W R W W W W W W W W

GENERAL E&S FIGURES: 19 20 29 30 31 34 41 65 81 82 83 84 118

SOIL TYPE

From	To	Soil Type
211+20	216+20	10
216+20	219+89	27A
219+89	224+63	10
224+63	231+99	27A
231+99	234+65	10
234+65	239+96	27A
239+96	242+74	28A
242+74	244+84	10
244+84	248+75	27A
248+75	254+39	10
254+39	264+00	9

WORKSPACE SCHEMATIC



LEGEND

EXISTING PERMANENT EASEMENT
PROPOSED PERMANENT EASEMENT
TEMPORARY WORKSPACE
ADDITIONAL TEMPORARY WORKSPACE (ATWS)
LIMITS OF DISTURBANCE
℄ Proposed 24" Pipeline
℄ Existing Pipeline
—SF— Silt Fence

L.L. NO.	OWNERSHIP	WORKSPACE INSETS
798		
797		
796.01		
796		
795		
794		
793		
792		
791		
790.02		
790.01		

REFERENCE DRAWINGS

BMP GROUP LEGEND

SYMBOL	BMP GROUP	ASSOCIATED BMP FIGURE NUMBERS
W	WETLANDS CROSSING	2,11,12,13,19,20,29,34,37,40,46,58A,90,91
S	WATERBODY CROSSING	1,2,5,6,7,19,20,30,31,36,37,38,39,41,44,63,80 111,115,116,119
R	ROAD CROSSING	3,15,49,50

SOIL TYPE LEGEND

10	Raynham silt loam
27A	Belgrade silt loam, 0 to 5 percent slopes
28A	Elmridge fine sandy loam, 0 to 3 percent slopes
9	Scitico, Shaker, and Maybid soils

ISSUED FOR FERC RESUBMITTAL

NOTE: MAOP IS 800 PSIG, OPERATING 719 PSIG

SCALE

200 100 0 200 400

IMAGERY DATE: JULY, 2012

REVISIONS

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B		ISSUED FOR FERC RESUBMITTAL	3/20/15	AP	RE	
A		ISSUED FOR FERC	7/21/14	MS	BP	RG

AREA: NASSAU	DIV.: NORTHERN
DRAFTER: MS	DATE: 06/27/14
DRAFT. COORD: JD	DATE: 06/30/14

Tennessee Gas Pipeline Company, L.L.C.
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CONNECTICUT EXPANSION
CONNECTICUT LOOP 300
PROPOSED 24" NATURAL GAS PIPELINE
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HARTFORD COUNTY, CONNECTICUT

DESIGN COORD:	DATE:	SCALE: 1" = 200'	AFE: 67159
PROJECT COORD:	DATE:	TO-T13-300-2-110A	B
OPER. APPR:	DATE:		

PROTECTION EASEMENT

LINE LIST
RODS

790.01	790	789	788	787.01	787	785	784.02	784.01	784	783	781	780
264+00 – 264+26	264+26 – 264+49	264+49 – 272+82	272+82 – 277+64	277+64 – 278+65	278+65 – 281+31	281+31 – 293+48	293+48 – 294+02	294+02	294+02 – 300+28	300+28 – 301+84	301+84 – 312+40	312+40 – 316+80
1.6	16.4	35.5	29.2	6.1	16.1	73.8	3		38	3.4	70.1	26.7

PIPELINE STATIONING

264+26 PROPERTY LINE
264+49 P.I. < 0°10'07" RT.
265+91 EXIT WETLAND WCT–33
266+04 ENTER WETLAND WCT–33
266+96 PROPERTY LINE
272+82 PROPERTY LINE
273+18 EXIT WETLAND WCT–33
273+48 ENTER WETLAND WCT–33
273+65 EXIT WETLAND WCT–33
274+26 ENTER WETLAND WCT–34
275+40 EXIT WETLAND WCT–34
276+82 ENTER WETLAND WCT–36
277+64 PROPERTY LINE
278+65 PROPERTY LINE
281+31 PROPERTY LINE
286+11 EXIT WETLAND WCT–36
286+60 TREE LINE CROSSING
286+77 ℄ OF PROPOSED TEMPORARY ACCESS ROAD #6
287+13 TREE LINE CROSSING
291+18 P.I. < 13°38'33" LT.
291+85 ENTER WETLAND WCT–37
293+20 TREE LINE CROSSING
293+48 PROPERTY LINE
293+52 FENCE LINE CROSSING
293+81 EXIT WETLAND WCT–37
293+81 TOP OF BANK
294+02 ℄ OF SCT–37 (STONEY BROOK)
294+14 ENTER WETLAND WCT–37
294+14 TOP OF BANK
294+44 HEDGE ROW / BRUSH
296+44 FENCE LINE CROSSING
296+51 EXIT WETLAND WCT–37
300+28 PROPERTY LINE
300+36 FENCE LINE CROSSING
300+46 EDGE OF ROAD
300+51 POWER POLE 56' LT.
300+58 ℄ OF HALE STREET
300+68 EDGE OF ROAD
300+68 TOP OF SLOPE
300+70 UNDERGROUND COMMUNICATIONS LINE CROSSING
300+73 FENCE LINE CROSSING
300+76 POWER LINE CROSSING (61' TIE TO POLE #4985)
300+84 PROPERTY LINE
301+64 FENCE CORNER, (CHAINLINK) 19' RT.
301+65 FENCE CORNER, (CHAINLINK) 32' RT.
301+97 FENCE CORNER, (CHAINLINK) 19' RT.
301+98 FENCE CORNER, (CHAINLINK) 31' RT.
302+32 ENTER WETLAND WCT–38
302+45 TOE OF SLOPE
302+60 EXIT WETLAND WCT–38
304+47 ENTER WETLAND WCT–38
306+62 EXIT WETLAND WCT–38
307+76 ENTER WETLAND WCT–38
308+66 FENCE LINE CROSSING
310+01 EXIT WETLAND WCT–38
312+40 PROPERTY LINE
313+84 ENTER WETLAND WCT–39
314+06 EXIT WETLAND WCT–39
314+84 ENTER WETLAND WCT–40
315+95 TREE LINE CROSSING
316+32 TREE LINE CROSSING
316+45 EXIT WETLAND WCT–40

ALIGNMENT STRIP MAP

MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE

GENERAL NOTES
1. THE BEST MANAGEMENT PRACTICE (BMP) NUMBERS NOTED ABOVE CORRESPOND TO SPECIFIC DETAILS FOUND ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. THE BMP DETAILS INCLUDE GENERAL LAYOUT, LOCATION, DIMENSIONS, CONSTRUCTION NOTES, MATERIALS, ETC. THAT SHOULD BE FOLLOWED DURING CONSTRUCTION OF THE PIPELINE.
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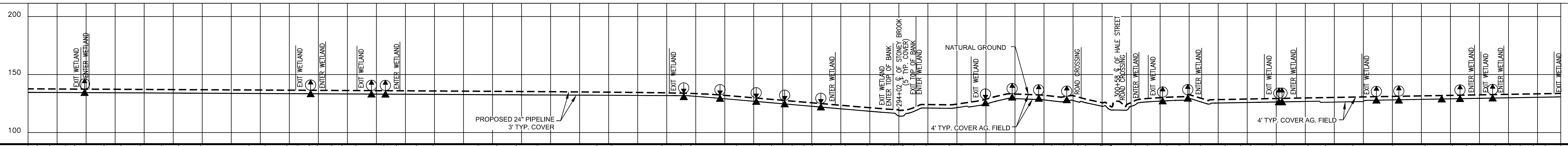
3. TEMPORARY AND PERMANENT SLOPE BREAKER SPACING IS THE SAME. SLOPE BREAKERS SHALL BE MAINTAINED IN PLACE AT ALL TIMES.



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PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION) ⊕

PERMANENT TRENCH BREAKER ▲

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PERMANENT TRENCH BREAKER SPACING	
SLOPE (%)	SPACING (FT)
<5	125
5–10	100
>10–20	75
>20–35	50
>35	25

PERMANENT SLOPE BREAKER SPACING	
SLOPE (%)	SPACING (FT)
1	400
2	245
3–5	125
6–10	78
11–15+	58

ENVIRONMENTAL

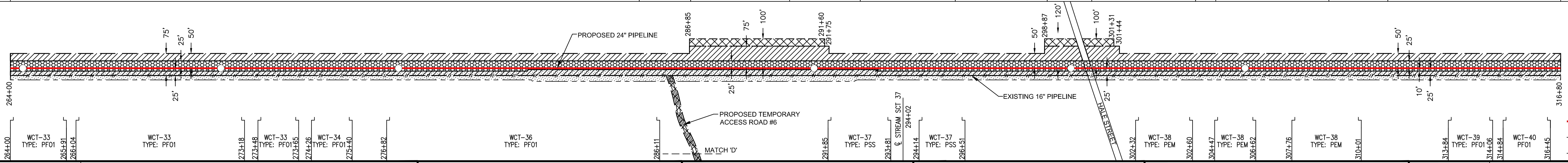
GENERAL E&S FIGURES

19	20	29	30	31	34	41
65	81	82	83	84	118	

SOIL TYPE

264+00 – 285+60	285+60 – 287+36	287+36 – 290+76	290+76 – 293+02	293+02 – 296+29	296+29 – 299+44	299+44 – 300+97	300+97 – 304+35	304+35 – 304+76	304+76 – 308+84	308+84 – 310+86	310+86 – 316+80
9	28A	9	28A	107	28B	108	28B	108	9	25B	9

WORKSPACE SCHEMATIC

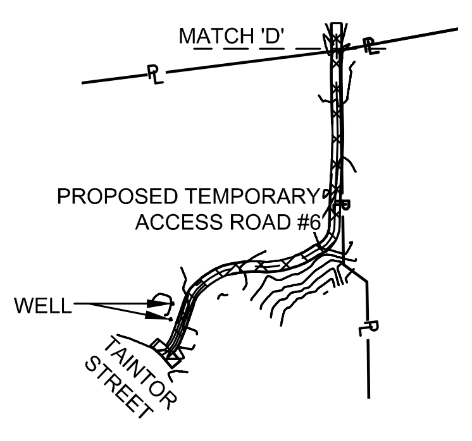


LEGEND

- EXISTING PERMANENT EASEMENT
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (ATWS)
- LIMITS OF DISTURBANCE
- ℄ Proposed 24" Pipeline
- ℄ Existing Pipeline
- SF — Silt Fence

L.L. NO.	OWNERSHIP
790.01	
790	
789	
788	
787	
786	
785	
784.02	
784.01	
784	
783	
782	
781	
780	

WORKSPACE INSETS



REFERENCE DRAWINGS

BMP GROUP LEGEND

SYMBOL	BMP GROUP	ASSOCIATED BMP FIGURE NUMBERS
W	WETLANDS CROSSING	2,11,12,13,19,20,29,34,37,40,46,58A,90,91
S	WATERBODY CROSSING	1,2,5,6,7,19,20,30,31,36,37,38,39,41,44,63,80 111,115,116,119
R	ROAD CROSSING	3,15,49,50

SOIL TYPE LEGEND

9	Scitico, Shaker, and Maybid soils
28A	Elmridge fine sandy loam, 0 to 3 percent slopes
107	Limerick and Lim soils
28B	Elmridge fine sandy loam, 3 to 8 percent slopes
108	Saco silt loam
25B	Brancroft silt loam, 3 to 8 percent slopes

ISSUED FOR FERC RESUBMITTAL

NOTE: MAOP IS 800 PSIG, OPERATING 719 PSIG

SCALE

200 100 0 200 400

IMAGERY DATE: JULY, 2012

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
B		ISSUED FOR FERC RESUBMITTAL	3/20/15	AP	RE	
A		ISSUED FOR FERC	7/21/14	MS	BP	RG

AREA: NASSAU	DIV.: NORTHERN
DRAFTER: MS	DATE: 06/27/14
DRAFT. COORD: JD	DATE: 06/30/14

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

CONNECTICUT EXPANSION
CONNECTICUT LOOP 300
PROPOSED 24" NATURAL GAS PIPELINE
EROSION & SEDIMENTATION CONTROL PLAN
HARTFORD COUNTY, CONNECTICUT

DESIGN COORD:	DATE:	SCALE: 1" = 200'	AFE: 67159
PROJECT COORD:	DATE:	TO-T13-300-2-110B	B
OPER. APPR:	DATE:		

PROTECTION EASEMENT: 777.01

LINE LIST	780	778	777	776	775
Stations	316+80 – 333+55	333+55 – 348+12	348+12 – 358+83	358+83 – 362+95	362+95 – 369+60
RODS	106.8	82.9	81.3	8.6	40.3

PIPELINE STATIONING

318+29 ENTER WETLAND WCT-41
318+54 TREE LINE CROSSING
321+01 TREE LINE CROSSING
327+51 TREE LINE CROSSING
327+94 TREE LINE CROSSING
328+49 TREE LINE CROSSING
330+54 TREE LINE CROSSING
331+12 P.I. < 7°50'41" RT.
332+43 TREE LINE CROSSING
333+09 TREE LINE CROSSING
333+89 EXIT WETLAND WCT-41
334+26 TREE LINE CROSSING
334+34 EDGE OF ACCESS ROAD
334+42 ℄ OF PROPOSED TEMPORARY ACCESS ROAD #7
334+42 PROPERTY LINE
334+50 EDGE OF ACCESS ROAD
334+63 TREE LINE CROSSING
334+84 TREE LINE CROSSING
335+05 ENTER WETLAND WCT-42
336+06 EXIT WETLAND ECT 42
336+13 HEDGE ROW / BRUSH
336+19 EDGE OF ACCESS ROAD
336+26 ℄ OF PROPOSED ACCESS ROAD
336+32 EDGE OF ACCESS ROAD
338+23 ENTER WETLAND WCT-43
338+60 TREE LINE CROSSING
339+49 EXIT WETLAND WCT-43
340+70 ENTER WETLAND WCT-44
341+30 EXIT WETLAND WCT-44
342+31 ENTER WETLAND WCT-45
344+09 TOP OF BANK
344+10 TOE OF BANK
344+11 ℄ OF STREAM SCT-45
344+12 TOE OF BANK
344+14 TOP OF BANK
347+20 EXIT WETLAND WCT-45
348+12 PROPERTY LINE
349+33 ENTER WETLAND WCT-46
351+82 FENCE CORNER, (BARB WIRE) 15' LT.
351+94 MONUMENT, FND. 5" IRON PIPE 11' LT.
358+83 P.I. < 2°07'51" RT.
359+47 EXIT WETLAND WCT-46
360+01 ENTER WETLAND WCT-46
361+53 PROPERTY LINE
361+75 TOP OF WATER 24' RT.
361+77 TOP OF BANK
361+77 ℄ OF STREAM SCT-46
361+83 TOP OF BANK
362+95 PROPERTY LINE
364+41 TOP OF BANK
364+46 ℄ OF STREAM SCT-46A
364+53 TOP OF BANK
368+94 EXIT WETLAND WCT-46

ALIGNMENT STRIP MAP

MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE

GENERAL NOTES
1. THE BEST MANAGEMENT PRACTICE (BMP) NUMBERS NOTED ABOVE CORRESPOND TO SPECIFIC DETAILS FOUND ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. THE BMP DETAILS INCLUDE GENERAL LAYOUT, LOCATION, DIMENSIONS, CONSTRUCTION NOTES, MATERIALS, ETC. THAT SHOULD BE FOLLOWED DURING CONSTRUCTION OF THE PIPELINE.
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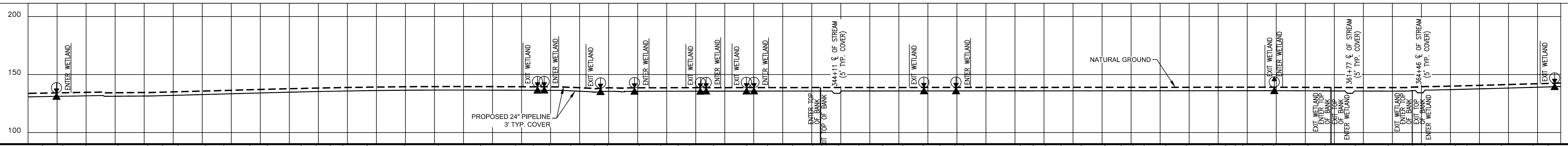

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PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION) ⊕

PERMANENT TRENCH BREAKER ▲

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PERMANENT TRENCH BREAKER SPACING	
SLOPE (%)	SPACING (FT)
<5	125
5-10	100
>10-20	75
>20-35	50
>35	25

PERMANENT SLOPE BREAKER SPACING	
SLOPE (%)	SPACING (FT)
1	400
2	245
3-5	125
6-10	78
11-15+	58

ENVIRONMENTAL

0% 1% 3% 2% 0% 1% 1% 1% 1% 1% 0% 5% 4% 1% 4% 1% 2% 1% 0% 3% 4% 3% 4% 3% 1% 1% 2% 3% 2% 1% 1% 0% 28% 28% 0% 1% 1% 1% 2% 2% 1% 1% 1% 1% 3% 1% 2% 1% 1% 2% 0% 1% 0% 1% 0% 1% 2% 2% 2% 1% 30% 38% 1% 8% 20% 0% 2% 1% 18% 1% 3% 2%

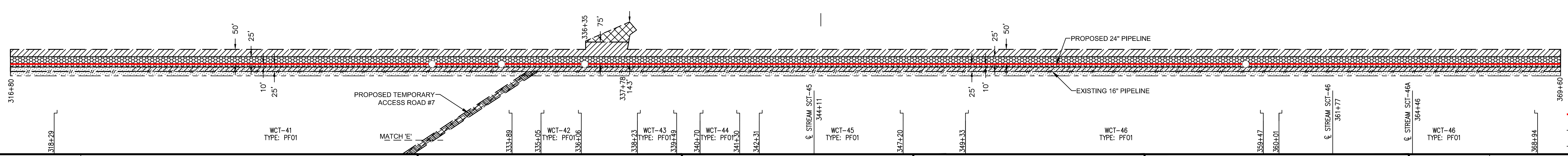
W W W W W W W S W S W

GENERAL E&S FIGURES: 19, 20, 29, 30, 31, 34, 41, 65, 81, 82, 83, 84, 118

SOIL TYPE

316+80 | 9 | 321+29 | 108 | 322+91 | 9 | 336+52 | 36A | 338+00 | 28A | 339+75 | 9 | 341+46 | 28A | 342+40 | 9 | 342+98 | 28A | 343+45 | 9 | 346+38 | 28A | 346+71 | 9 | 347+50 | 28A | 348+60 | 9 | 369+60

WORKSPACE SCHEMATIC

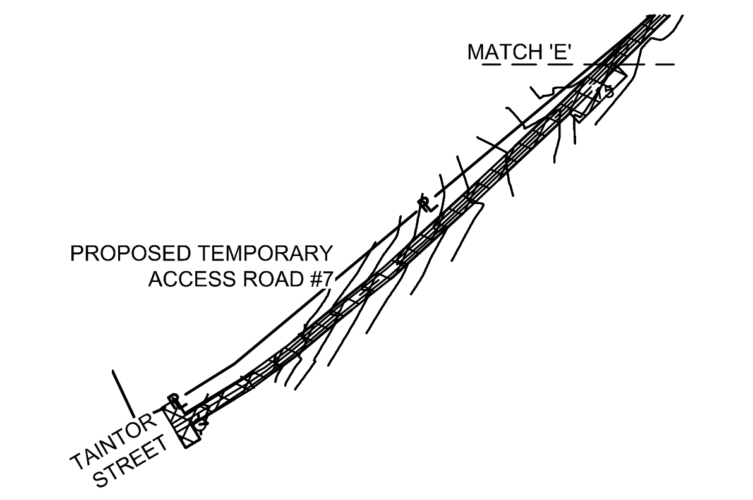


LEGEND

- ▨ EXISTING PERMANENT EASEMENT
- ▨ PROPOSED PERMANENT EASEMENT
- ▨ TEMPORARY WORKSPACE
- ▨ ADDITIONAL TEMPORARY WORKSPACE (ATWS)
- LIMITS OF DISTURBANCE
- ℄ Proposed 24" Pipeline
- ——//——//——//—— ℄ Existing Pipeline
- ——SF—— Silt Fence

L.L. NO.	OWNERSHIP
780	
778	
777.1	
777	
776	
775	

WORKSPACE INSETS



FIELD NOTES

REFERENCE DRAWINGS

BMP GROUP LEGEND

SYMBOL	BMP GROUP	ASSOCIATED BMP FIGURE NUMBERS
W	WETLANDS CROSSING	2,11,12,13,19,20,29,34,37,40,46,58A,90,91
S	WATERBODY CROSSING	1,2,5,6,7,19,20,30,31,36,37,38,39,41,44,63,80 111,115,116,119
R	ROAD CROSSING	3,15,49,50

SOIL TYPE LEGEND

9	Scitico, Shaker, and Maybid soils
108	Saco silt loam
36A	Windsor loamy sand, 0 to 3 percent slopes
28A	Elmridge fine sandy loam, 0 to 3 percent slopes

ISSUED FOR FERC RESUBMITTAL

NOTE: MAOP IS 800 PSIG, OPERATING 719 PSIG

SCALE

200 100 0 200 400

IMAGERY DATE: JULY, 2012

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
B		ISSUED FOR FERC RESUBMITTAL	3/20/15	AP	RE	
A		ISSUED FOR FERC	7/21/14	MS	BP	RG

AREA: NASSAU	DIV.: NORTHERN
DRAFTER: MS	DATE: 06/27/14
DRAFT. COORD: JD	DATE: 06/30/14

Tennessee Gas Pipeline Company, L.L.C.
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CONNECTICUT EXPANSION
CONNECTICUT LOOP 300
PROPOSED 24" NATURAL GAS PIPELINE
EROSION & SEDIMENTATION CONTROL PLAN
HARTFORD COUNTY, CONNECTICUT

DESIGN COORD:	DATE:	SCALE: 1" = 200'	AFE: 67159
PROJECT COORD:	DATE:	TO-T13-300-2-110C	B
OPER. APPR:	DATE:		

PROTECTION EASEMENT: 773.01

LINE LIST RODS	Start	End	Rods
775	369+60	373+12	21.4
774	373+12	383+45	62.6
773	383+45	390+16	40.6
772	390+16	390+78	3.8
771	390+78	395+35	27.7
770	395+35	401+43	36.9
769.02	401+43	406+28	29.4
768.05	406+28	408+92	16
768.04	408+92	415+71	41.2
768.02	415+71	417+93	13.5
768.01	417+93	420+17	13.6
768	420+17	420+75	3.5

PIPELINE STATIONING

369+80 P.I. < 15°10'21" RT.
371+48 ENTER WETLAND WCT-46
373+11 EXIT WETLAND WCT-46
373+12 PROPERTY LINE
375+47 ENTER WETLAND WCT-47
375+54 P.I. < 2°10'01" LT.
375+56 ℄ OF STREAM SCT-47
375+73 EXIT WETLAND WCT-47
376+10 FENCE CORNER, (HOG WIRE) 29' LT.
376+12 FENCE CORNER, (HOG WIRE) 21' LT.
376+26 FENCE CORNER, (HOG WIRE) 10' LT.
376+36 FENCE LINE CROSSING
376+41 FENCE CORNER, (HOG WIRE) 5' RT.
376+58 FENCE CORNER, (HOG WIRE) 9' RT.
378+45 FENCE LINE CROSSING
378+54 ENTER WETLAND WCT-48
378+62 EXIT WETLAND WCT-48
379+26 FENCE CORNER, (HOG WIRE) 5' LT.
379+63 ENTER WETLAND WCT-49
379+64 FENCE CORNER, (HOG WIRE) 41' LT.
379+67 24" CULVERT (PLASTIC) 43' LT.
380+27 EXIT WETLAND WCT-49
380+28 FENCE LINE CROSSING
380+30 FENCE CORNER, (HOG WIRE) 4' RT.
380+35 FENCE CORNER, (HOG WIRE) 10' RT.
380+97 FENCE CORNER, (HOG WIRE) 10' RT.
381+02 FENCE LINE CROSSING
381+23 FENCE CORNER, (HOG WIRE) 39' LT.
381+37 ENTER WETLAND WCT-50
381+92 TOE OF SLOPE
382+00 TOE OF SLOPE
382+18 FENCE CORNER, (HOG WIRE) 47' LT.
382+28 EXIT WETLAND WCT-50
382+57 TOE OF SLOPE
382+72 TOP OF SLOPE
382+73 EDGE OF ACCESS ROAD
382+88 EDGE OF ACCESS ROAD
382+93 TOP OF BANK
383+08 P.I. < 4°43'17" RT.
383+14 TOE OF BANK
383+45 PROPERTY LINE
383+63 ENTER WETLAND WCT-50
383+75 ℄ OF STREAM SCT-50
383+82 EXIT WETLAND WCT-51
385+23 ENTER WETLAND WCT-51
385+57 ℄ OF STREAM SCT-50B
385+72 EXIT WETLAND WCT-51
386+51 ENTER WETLAND WCT-51
387+95 EXIT WETLAND WCT-51
388+03 ENTER WETLAND WCT-51
388+84 EXIT WETLAND WCT-51
389+44 P.I. < 8°56'30" LT.
390+14 UTILITY GUY WIRE 14 LT.
390+16 PROPERTY LINE
390+22 POWER POLE 20' LT.
390+28 GUARD RAIL
390+34 EDGE OF ROAD
390+36 POWER LINE CROSSING (24' TIE TO POLE #411)
390+50 ℄ OF RUSSEL ROAD
390+65 GUARD RAIL
390+65 EDGE OF ROAD
390+78 PROPERTY LINE
391+12 ENTER WETLAND WCT-52
391+51 P.I. < 12°29'04" LT.
392+65 EXIT WETLAND WCT-52
393+69 ENTER WETLAND WCT-53
395+35 PROPERTY LINE
395+66 ℄ OF STREAM SCT-53
395+88 P.I. < 4°37'53" LT.
396+57 ℄ OF STREAM SCT-53A
401+43 PROPERTY LINE
401+60 P.I. < 7°54'11" LT.
401+88 TOE OF SLOPE
401+91 EXIT WETLAND WCT-53
402+04 TOP OF SLOPE
402+17 ENTER WETLAND WCT-53
402+20 TOE OF SLOPE
402+45 P.I. < 74°12'42" RT.
405+08 EXIT WETLAND WCT-53
405+54 ENTER WETLAND WCT-53
405+75 EXIT WETLAND WCT-53
406+28 PROPERTY LINE
408+92 PROPERTY LINE
408+97 FENCE LINE
409+00 P.I. < 39°57'50" RT.
409+35 EDGE OF PAVEMENT
409+74 EDGE OF PAVEMENT
414+25 EDGE OF PAVEMENT
414+46 EDGE OF PAVEMENT
414+95 FENCE LINE
415+45 P.I. < 30°39'09" RT.
415+71 PROPERTY LINE
417+93 PROPERTY LINE
420+17 PROPERTY LINE
420+27 EDGE OF ROAD
420+62 EDGE OF ROAD
420+66 EXISTING SANITARY SEWER LINE
420+75 PROPERTY LINE

ALIGNMENT STRIP MAP

MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION

PROFILE

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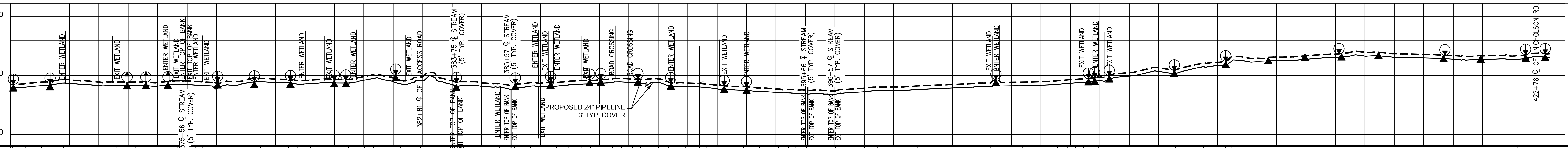

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PERMANENT TRENCH BREAKER ▲

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SLOPE (%)	SPACING (FT)
<5	125
5–10	100
>10–20	75
>20–35	50
>35	25

PERMANENT SLOPE BREAKER SPACING	
SLOPE (%)	SPACING (FT)
1	400
2	245
3–5	125
6–10	78
11–15+	58

ENVIRONMENTAL

2% | 3% | 2% | 3% | 1% | 3% | 3% | 10% | 7% | 20% | 4% | 3% | 3% | 2% | 0% | 4% | 7% | 5% | 5% | 12% | 10% | 12% | 1% | 3% | 3% | 6% | 8% | 2% | 3% | 1% | 1% | 2% | 4% | 1% | 4% | 3% | 4% | 2% | 3% | 2% | 3% | 1% | 2% | 1% | 1% | 3% | 3% | 3% | 2% | 7% | 3% | 0% | 2% | 1% | 3% | 1% | 1% | 1% | 3% | 2% | 1% | 2% | 3% | 4% | 7% | 1% | 1% | 1% | 2% | 4% | 1%

W | W S W | W | W | W S W | W S W | W | W | R | W | W | S W S W | W

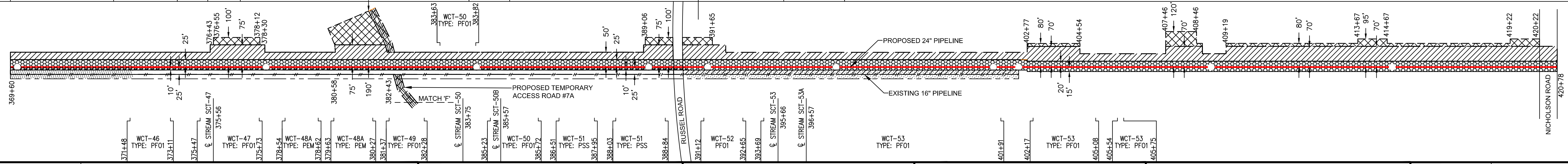
GENERAL E&S FIGURES

19	20	29	30	31	34	41
65	81	82	83	84	118	

SOIL TYPE								
Station	369+60	373+19	375+40	376+31	376+86	384+67	385+84	395+38
Soil	9	28A	9	25B	28A	108	28B	108

397+47

WORKSPACE SCHEMATIC

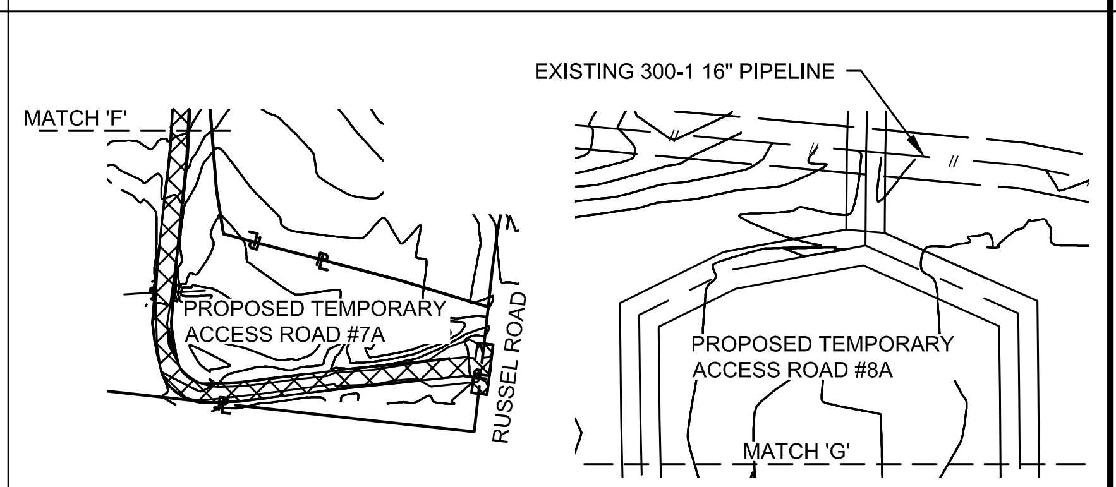


LEGEND

- ▨ EXISTING PERMANENT EASEMENT
- ▨ PROPOSED PERMANENT EASEMENT
- ▨ TEMPORARY WORKSPACE
- ▨ ADDITIONAL TEMPORARY WORKSPACE (ATWS)
- LIMITS OF DISTURBANCE
- ℄ Proposed 24" Pipeline
- ℄ Existing Pipeline
- Silt Fence

L.L. NO.	OWNERSHIP
775	
774	
773.01	
773	
772	
771	
770	
769.02	
769.01	
767.01	
769	
768	
767	

WORKSPACE INSETS


MATCH 'F'
EXISTING 300-1 16" PIPELINE
PROPOSED TEMPORARY ACCESS ROAD #7A
RUSSEL ROAD
PROPOSED TEMPORARY ACCESS ROAD #8A
MATCH 'G'

REFERENCE DRAWINGS

BMP GROUP LEGEND

SYMBOL	BMP GROUP	ASSOCIATED BMP FIGURE NUMBERS
W	WETLANDS CROSSING	2,11,12,13,19,20,29,34,37,40,46,58A,90,91
S	WATERBODY CROSSING	1,2,5,6,7,19,20,30,31,36,37,38,39,41,44,63,80 111,115,116,119
R	ROAD CROSSING	3,15,49,50

SOIL TYPE LEGEND

9	Scitico, Shaker, and Maybid soils
28A	Elmridge fine sandy loam, 0 to 3 percent slopes
25B	Brancroft silt loam, 3 to 8 percent slopes
108	Saco silt loam
28B	Elmridge fine sandy loam, 3 to 8 percent slopes
308	Udorthents, smoothed
34A	Merrimac sandy loam, 0 to 3 percent slopes
103	Rippowam fine sandy loam
36B	Windsor loamy sand, 3 to 8 percent slopes

ISSUED FOR FERC RESUBMITTAL

NOTE: MAOP IS 800 PSIG, OPERATING 719 PSIG

SCALE

200 100 0 200 400

IMAGERY DATE: JULY, 2012

REVISIONS

NO	PROJ ID	DESCRIPTION	DATE	BY	CK	APPR
B		ISSUED FOR FERC RESUBMITTAL	3/20/15	AP	RE	
A		ISSUED FOR FERC	7/21/14	MS	BP	RG

AREA: NASSAU	DIV.: NORTHERN
DRAFTER: MS	DATE: 06/27/14
DRAFT. COORD: JD	DATE: 06/30/14

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

CONNECTICUT EXPANSION
CONNECTICUT LOOP 300
PROPOSED 24" NATURAL GAS PIPELINE
EROSION & SEDIMENTATION CONTROL PLAN
HARTFORD COUNTY, CONNECTICUT

DESIGN COORD:	DATE:	SCALE: 1" = 200'	AFE: 67159
PROJECT COORD:	DATE:	TO-T13-300-2-110D	B
OPER. APPR:	DATE:		

PROTECTION EASEMENT

LINE LIST
RODS

LINE LIST	767.04	767.03	767.02	767.01	766
RODS	27.2	4.2	1.6	46.4	16.5

420+75
425+23
425+92
426+19
433+39

PIPELINE STATIONING

420+75 PROPERTY LINE
424+44 EXISTING GAS PIPELINE CROSSING
424+88 EXISTING STORM SEWER LINE
425+23 PROPERTY LINE
425+33 EXISTING SANITARY SEWER LINE
425+37 EDGE OF ROAD
425+80 EDGE OF ROAD
425+83 EXISTING GAS PIPELINE CROSSING
425+92 PROPERTY LINE
426+19 ℄ SCT-55
426+66 P.I. < 30°03'54" RT.
430+50 P.I. < 87°22'42" LT.
433+15 P.I. < 87°48'31" RT.
433+39 PROPERTY LINE
434+66 P.I. < 04°16'07" LT.
436+01 EXISTING GAS PIPELINE CROSSING
436+12 END STA.

ALIGNMENT STRIP MAP

MATERIAL

COATING

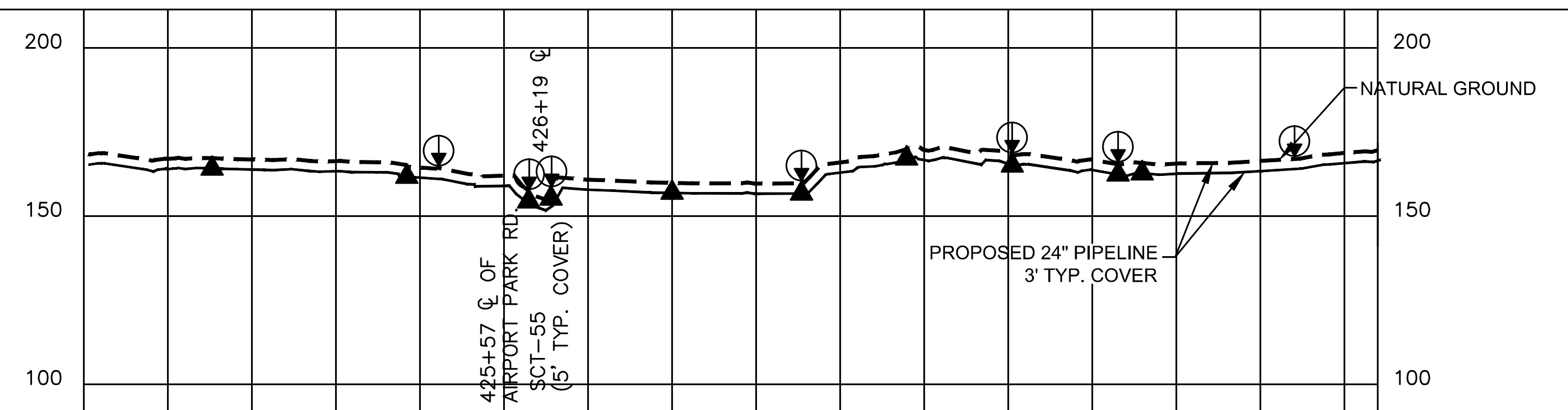
DESIGN FACTOR

CLASS LOCATION

PROFILE

GENERAL NOTES

1. THE BEST MANAGEMENT PRACTICE (BMP) NUMBERS NOTED ABOVE CORRESPOND TO SPECIFIC DETAILS FOUND ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. THE BMP DETAILS INCLUDE GENERAL LAYOUT, LOCATION, DIMENSIONS, CONSTRUCTION NOTES, MATERIALS, ETC. THAT SHOULD BE FOLLOWED DURING CONSTRUCTION OF THE PIPELINE.
2. THE APPROXIMATE LOCATION AND TYPE OF SEDIMENT BARRIERS TO BE INSTALLED ALONG THE CONSTRUCTION WORKSPACE ARE LOCATED IN TABLES IN THE SILT FENCE DESIGN CRITERIA FOR CONNECTICUT. THE ACTUAL LOCATION SHALL BE DETERMINED IN THE FIELD BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR.
3. TEMPORARY AND PERMANENT SLOPE BREAKER SPACING IS THE SAME. SLOPE BREAKERS SHALL BE MAINTAINED IN PLACE AT ALL TIMES.



THE LOCATIONS OF TRENCH BREAKERS AND SLOPE BREAKERS SHOWN ON THE PROFILE SHALL BE USED AS A GUIDELINE ONLY. THE ACTUAL LOCATION OF THE BREAKERS SHALL BE DETERMINED IN THE FIELD BASED ON FIELD CONDITIONS BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR.

PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION) ⨁

PERMANENT TRENCH BREAKER ▲

*AT A MINIMUM, TRENCH BREAKERS AND SLOPE BREAKERS SHALL BE LOCATED WITHIN 50 FT. OF THE EDGE (BOTH SIDES) OF WETLANDS AND WATERBODIES. ACTUAL LOCATION SHALL BE DETERMINED BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR..

PERMANENT TRENCH BREAKER SPACING	
SLOPE (%)	SPACING (FT)
<5	125
5–10	100
>10–20	75
>20–35	50
>35	25

PERMANENT SLOPE BREAKER SPACING	
SLOPE (%)	SPACING (FT)
1	400
2	245
3–5	125
6–10	78
11–15+	58

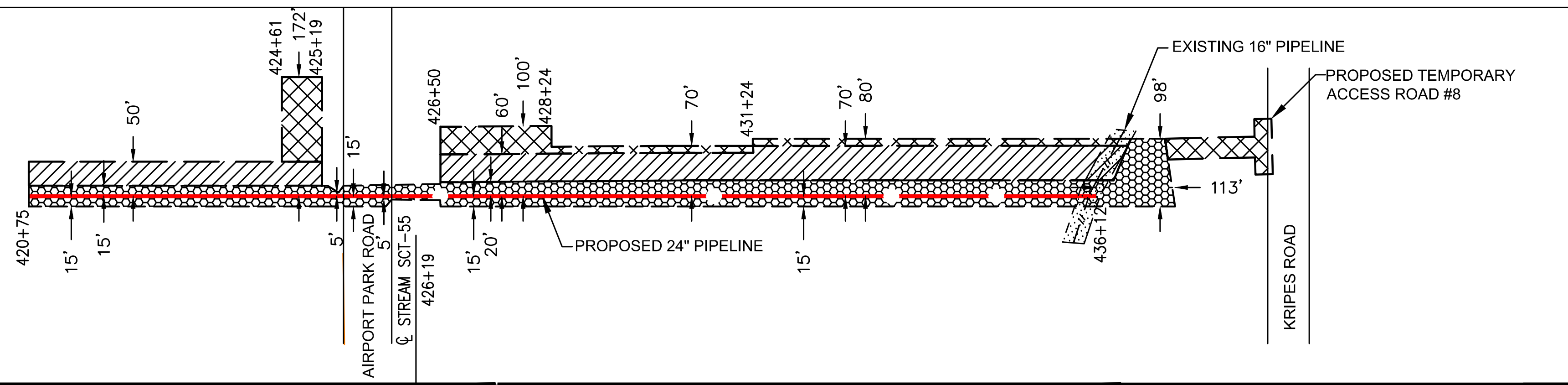
ENVIRONMENTAL

1%	3%	19%	45%	1%	26%	6%	4%	1%	3%	61%	45%	1%	3%
		R	S										

GENERAL E&S FIGURES 19 20 29 30 31 34 41 65 81 82 83 84 118

SOIL TYPE

WORKSPACE SCHEMATIC



LEGEND

░	EXISTING PERMANENT EASEMENT
⬡	PROPOSED PERMANENT EASEMENT
▨	TEMPORARY WORKSPACE
☒	ADDITIONAL TEMPORARY WORKSPACE (ATWS)
	LIMITS OF DISTURBANCE
🟥	℄ Proposed 24" Pipeline
—//—//—//—	℄ Existing Pipeline
——SF——	Silt Fence

L.L. NO.	OWNERSHIP
767	
766	

WORKSPACE INSETS

REFERENCE DRAWINGS

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