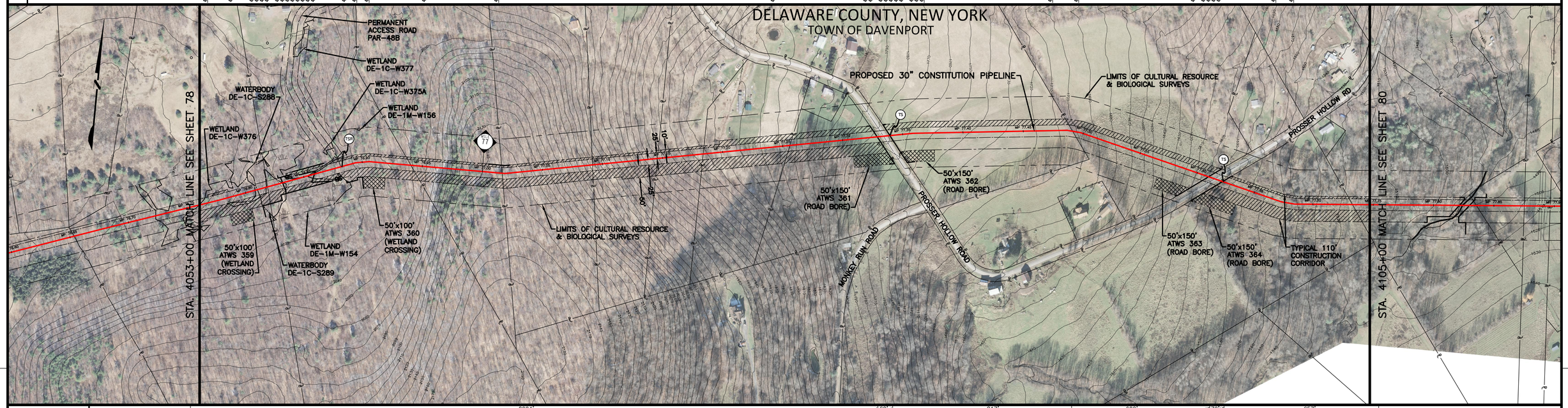
LINE LIST

4053+00 | NY-DE-131.000 | 4056+04 | NY-DE-132.000 | 4062+46 | NY-DE-133.000 (DENIED SURVEY ACCESS) | 4066+47 | NY-DE-134.000 (DENIED SURVEY ACCESS) | 4070+45 | NY-DE-135.000 (DENIED SURVEY ACCESS) | 4073+30 | NY-DE-136.000 (DENIED SURVEY ACCESS) | 4075+31 | NY-DE-137.000 (DENIED SURVEY ACCESS) | 4079+12 | NY-DE-138.000 (DENIED SURVEY ACCESS) | 4082+96 | PROSSER HOLLOW RD. | 4083+24 | NY-DE-139.000 (DENIED SURVEY ACCESS) | 4091+53 | NY-DE-140.000 (DENIED SURVEY ACCESS) | 4097+80 | PROSSER HOLLOW ROAD | 4098+45 | NY-DE-140.000 (DENIED SURVEY ACCESS) | 4104+29 | NY-DE-141.003 (DENIED SURVEY ACCESS) | 4105+00

PIPELINE STATIONING

4053+82 P.I. 172°37' LT.
4054+65 ℄ DIRT TRAIL
4055+48 ENTER WETLAND DE-1M-W154
4055+54 TOE OF SLOPE
4055+55 EXIT WETLAND
4055+57 ℄ WATERBODY DE-1C-S289
4055+61 TOE OF SLOPE
4055+62 TOP OF SLOPE
4056+58 EXIT WETLAND DE-1M-W154
4056+58 ℄ ATV TRAIL
4057+12 ENTER WETLAND DE-1M-W154
4057+22 EXIT WETLAND DE-1M-W154
4059+66 ENTER WETLAND DE-1M-W154
4059+77 EXIT WETLAND DE-1M-W154
4059+73 END CLASS 2
4059+73 BEGIN CLASS 1
4060+04 P.I. 10°09'36" RT.
4060+63 P.I. 10°09'36" RT.
4063+64 END CLASS 1
4063+64 BEGIN CLASS 2
4066+59 P.I. 10°41'28" LT.
4079+93 ENTER AGRICULTURAL LAND
4082+99 PP. 30" RT.
4083+01 TOP OF SLOPE
4083+10 TOE OF SLOPE
4083+15 ℄ AGRICULTURAL LAND
4083+24 ℄ PROSSER HOLLOW ROAD
4083+34 EXIT AGRICULTURAL LAND
4083+38 TOP OF SLOPE
4083+48 TOP OF SLOPE
4084+17 PP. 122' RT.
4086+34 P.I. 43°36'28" RT.
4091+28 P.I. 10°02'11" RT.
4091+87 P.I. 10°02'11" RT.
4097+81 TOP OF SLOPE
4097+88 TOE OF SLOPE
4098+18 ℄ AGRICULTURAL LAND
4098+18 ℄ PROSSER HOLLOW ROAD
4098+30 TOP OF SLOPE
4101+17 P.I. 8°17'03" LT.
4101+76 P.I. 8°17'03" LT.

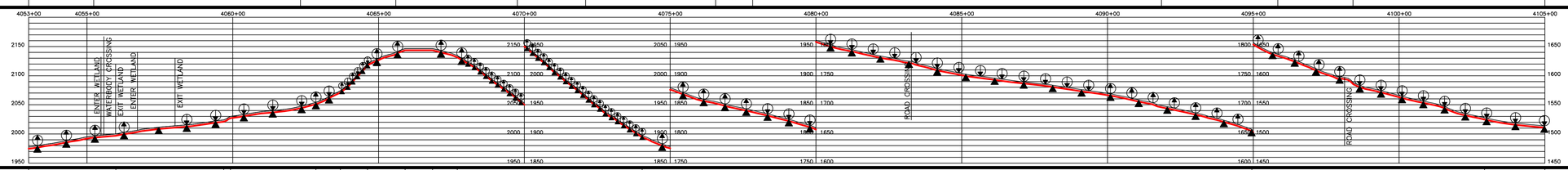


MATERIAL	2994' ①														4082+95 (1:26-7)	60 ④ 4082+84 4083+54	817' ①				602' ②			70 ④ 4097+73 4098+43	657' ②	
CLASS LOCATION	2					1																				
LAND USE	UF	PFO	WB	PFO	UF	PFO	UF	PFO	UF	IR					UF			AG	RD	AG				RD	OL	UF
ENVIRONMENTAL SITE SPECIFIC E & S	3 12 13 14 18 / 19 29 34 37 40 / 46 58A 90 91				1 2 5 6 7 18 / 19 29 29A 32 33 34 / 35 37 40 58 73			3 12 13 14 18 / 19 29 34 37 40 / 46 58A 90 91											15A / 44 45					15A / 44 45		
DEPTH OF COVER	3'		4'	5'	4'					3'								4'	5'	4'				5'	4'	3'
SOIL TYPE	WmB				HcC				HcE	HcC		HcE	EIF	LaD	WeC							LaD	WeC		MsB	

GENERAL E & S FIGURES
18 19 28 29 29A 30 31
37 59 74 75 76 77 86

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 ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. 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.

PROFILE — VERTICAL SCALE IN FEET (0 100 200)



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 SITE 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 IN AGRICULTURAL LAND

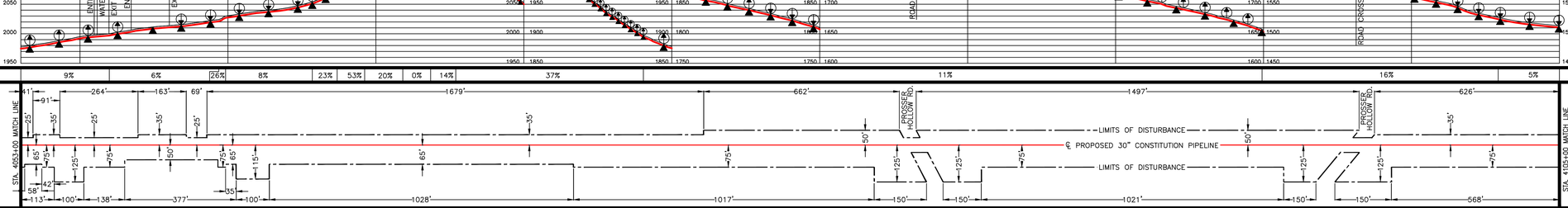
SLOPE (%)	SPACING (FT)
<5	AS REQ.
5–10	150
>10–15	100
>15–20	80
>20–30	70
>30–40	50
>40–100	40
>100	25

PERMANENT TRENCH / SLOPE BREAKER SPACING

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

AVERAGE % SLOPE: 9% | 6% | 26% | 8% | 23% | 53% | 20% | 0% | 14% | 37% | 11% | 16% | 5%

WORKSPACE SCHEMATIC



MATERIAL SUMMARY

ITEM NO.	DESCRIPTION	QTY.
1	PIPE, 30" OD, 0.529" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	3811'
2	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	1259'
3	PIPE, 30" OD, 0.635" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	0'
4	PIPE, 30" OD, 0.635" WT., X-70, w/10 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND 40 MILS ARO COATING	130'
5	PIPE, 30" OD, 0.529" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND WEIGHT COATING	0'
6	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND WEIGHT COATING	0'
7	PIPE, 30" OD, 0.635" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND WEIGHT COATING	0'
8	PIPE, 30" OD, 0.750" WT., X-70, w/10 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND 40 MILS ARO COATING	0'

SOIL LEGEND
EIF – Elka–Vly channery silt loams
HcC – Halcott, Mongaup and Vly soils
HcE – Halcott, Mongaup and Vly soils
LaD – Lackawanna flaggy silt loam
MsB – Morris and Valusia soils
WeC – Wellsboro channery silt loam
WmB – Willowemoc channery silt loam

LAND USE LEGEND
1. AGRICULTURAL LAND (AG)
2. INDUSTRIAL (ID)
3. COMMERCIAL (CM)
4. RESIDENTIAL (RE)
5. ROADS (RD)
6. OPEN WATER (OW)
7. SAND/GRAVEL PITS OR QUARRIES (SG)
8. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURE) (OL)
9. SPECIAL USE (PARKS, GOLF COURSES, MUNICIPAL LAND, ETC.) (SP)
10. FORESTED WETLANDS (PFO)
11. SCRUB-SHRUB WETLANDS (PSS)
12. EMERGENT WETLANDS (PEM)
13. WATERBODY (WB)
14. UPLAND FOREST (UF)
15. INTERIOR FOREST (IR)

0 200 400 600
SCALE IN FEET

GULF INTERSTATE ENGINEERING
HOUSTON, TEXAS

DRAWING NO.	REFERENCE TITLE
26–27–70/001 THRU 26–27–70/022	TYPICAL RIGHT–OF–WAY CROSS SECTIONS
26–07–85/NY–DE–138.004–1–B	PROSSER HOLLOW ROAD
26–07–85/NY–DE–140.007–1–B	PROSSER HOLLOW ROAD

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK	APP
3	07/24/13	GIE	ISSUED FOR SUPPLEMENTAL FERC #1 ER	1110415	JRL	TK
4	10/07/13	GIE	ISSUED FOR BID #1	1110415	JRL	TK
5	11/08/13	GIE	ISSUED FOR SUPPLEMENTAL FERC #2 ER	1110415	JRL	TK
6	06/02/14	GIE	ISSUED FOR SUPPLEMENTAL FERC #3 ER	1110415	JRL	TK
7B	07/14/14	GIE	ISSUED FOR SUPPLEMENTAL FERC #4 ER/IFB #3	1110415	JRL	TK

CONSTITUTION PIPELINE COMPANY, LLC
SOIL EROSION AND SEDIMENT CONTROL PLAN
FERC ALIGNMENT SHEETS
PROPOSED 30" NATURAL GAS PIPELINE
STA. 4053+00 TO STA. 4105+00
DELAWARE COUNTY, NEW YORK

CONSTITUTION PIPELINE

DRAWN BY: GIE	DATE: 09/26/12	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY: GIE	DATE: 09/27/12	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER: 26–03–70/0001	SHEET 79 OF 126
W.O.: 1110415			

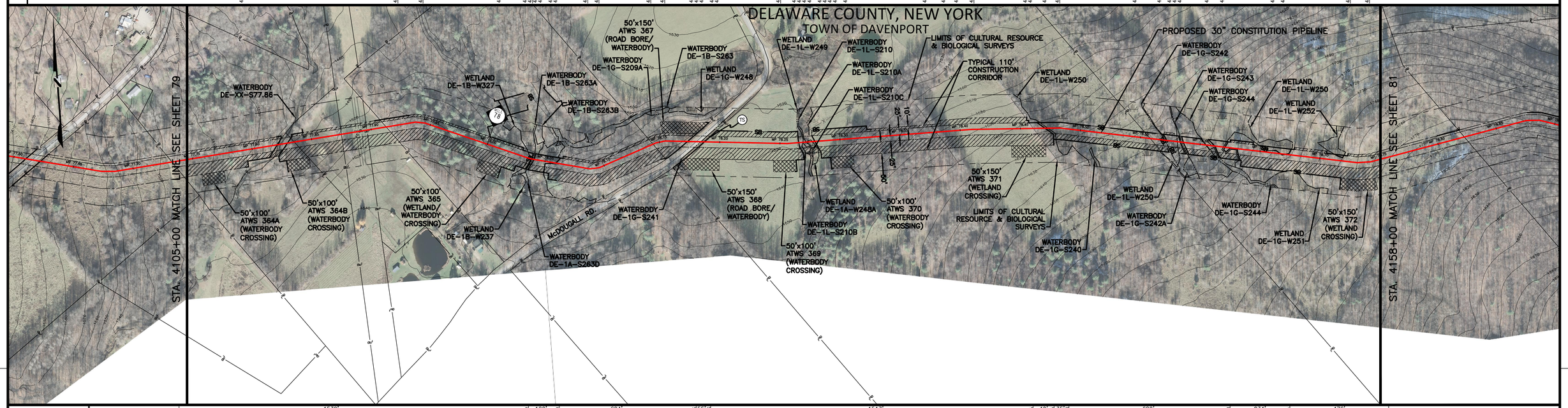
LINE LIST

NY-DE-141.003 (DENIED SURVEY ACCESS) | NY-DE-141.005 (DENIED SURVEY ACCESS) | NY-DE-141.004 (DENIED SURVEY ACCESS) | NY-DE-141.008 | NY-DE-141.004 (DENIED SURVEY ACCESS) | NY-DE-141.006 | NY-DE-142.001 | MACDOUGAL RD. | NY-DE-142.001 | NY-DE-142.001 | NY-DE-143.000

4105+00 | 4109+01 | 4109+71 | 4111+81 | 4112+94 | 4113+79 | 4126+02 | 4127+57 | 4128+30 | 4147+87 | 4158+00

PIPELINE STATIONING

4109+11 ℄ WATERBODY DE-XX-S77.86
4115+11 P.I. 14°30'00" RT.
4115+51 P.I. 14°30'00" RT.
4119+44 ℄ STONE ROW
4120+34 ENTER WETLAND DE-1B-W327
4120+38 ENTER WATERBODY DE-1B-S263A
4120+49 ℄ WATERBODY DE-1B-S263A
4120+53 TOP OF SLOPE
4121+52 EXIT WETLAND DE-1B-W327
4123+04 P.I. 19°45'00" LT.
4123+44 P.I. 19°45'00" LT.
4126+16 P.I. 12°30'00" RT.
4126+57 P.I. 12°30'00" RT.
4127+13 ℄ MACDOUGAL RD.
4128+13 TOP OF SLOPE
4128+19 ℄ WATERBODY DE-1G-S241
4128+24 TOP OF SLOPE
4131+91 P.I. 5°38'38" LT.
4132+36 EXISTING FENCE
4132+46 EXIT AGRICULTURAL LAND
4132+49 ENTER WATERBODY DE-1L-S210
4132+61 ENTER WATERBODY DE-1L-S210
4132+75 EXIT WATERBODY DE-1L-S210
4133+13 ENTER AGRICULTURAL LAND
4133+52 EXIT WETLAND DE-1A-W248A
4133+62 EXIT WETLAND DE-1A-W248A
4134+59 EXIT AGRICULTURAL LAND
4138+45 ℄ STONE ROW
4138+94 ENTER AGRICULTURAL LAND
4139+72 END CLASS 2
BEGIN CLASS 1
4140+03 P.I. 73°33'27" RT.
4142+72 ℄ STONE ROW
4142+73 EXIT AGRICULTURAL LAND
4143+35 ENTER WETLAND DE-1L-W250
4143+90 P.I. 73°33'27" RT.
4147+68 EXISTING FENCE
4148+47 EXIT WETLAND DE-1L-W250
4148+52 ℄ WATERBODY DE-1G-S242
4149+06 ENTER WETLAND DE-1L-W250
4149+26 ℄ WATERBODY DE-1G-S243
4150+54 TOP OF SLOPE
4151+10 EXIT WETLAND DE-1L-W250
4153+61 ENTER WETLAND DE-1L-W250
4153+84 EXIT WETLAND DE-1L-W250
4157+01 P.I. 10°45'28" LT.
4157+60 P.I. 10°45'28" LT.



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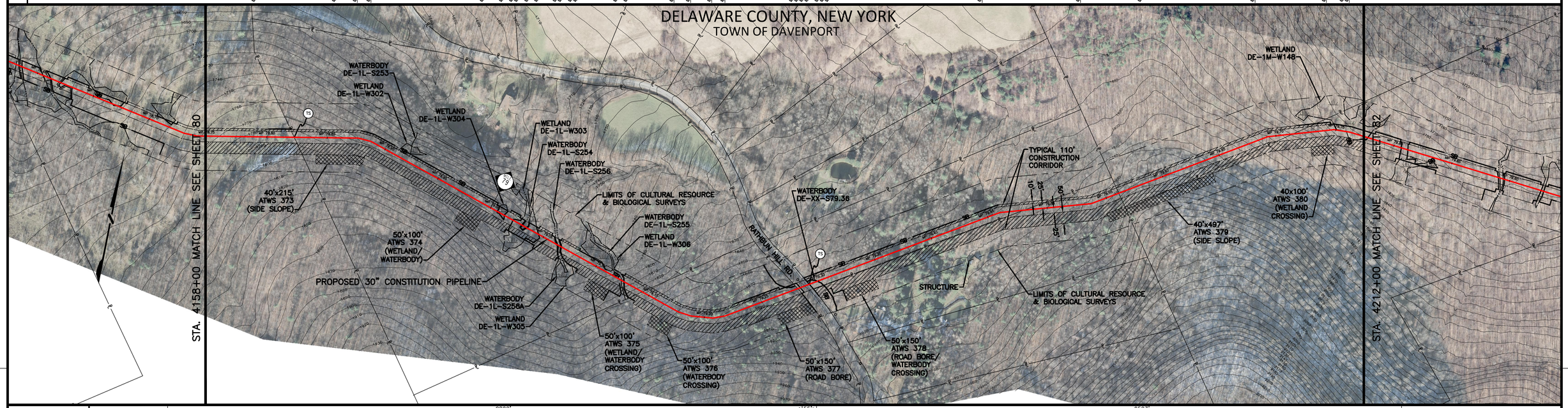
LINE LIST	PIPELINE STATIONING
4158+00	
NY-DE-143.000	
4161+84	4161+83 EXISTING FENCE
NY-DE-144.002 (RESCINDED SURVEY ACCESS)	4164+05 ℄ STONE ROW; 4164+64 P.I. 14°07'10" RT.; 4165+23 P.I. 14°07'10" RT.; 4171+51 ENTER WETLAND DE-1L-W304; 4171+89 EXIT WETLAND DE-1L-W304; 4172+33 ENTER WETLAND DE-1L-W303; 4172+60 ENTER WATERBODY DE-1L-S254; 4172+96 EXIT WATERBODY DE-1L-S254; 4173+60 EXIT WETLAND DE-1L-W303; 4174+57 ENTER WATERBODY DE-1L-S256; 4174+59 TOP OF SLOPE; 4174+67 TOP OF SLOPE; 4174+70 EXIT WATERBODY DE-1L-S256; 4177+74 ENTER WATERBODY DE-1L-S255; 4177+85 EXIT WATERBODY DE-1L-S255; 4178+78
NY-DE-144.003 (DENIED SURVEY ACCESS)	4180+59 P.I. 11°43'09" LT.; 4181+18 P.I. 11°43'09" LT.; 4182+14 P.I. 15°00'00" LT.; 4182+67 P.I. 11°13'35" LT.
RATHBUN HILL RD.	4186+08; 4186+62
UA-NY-DE-148.002 (DENIED SURVEY ACCESS)	4186+21 PIP. 30" ℄ ENTER LINE; 4186+49 ℄ RATHBUN HILL RD.; 4186+64 TOP OF SLOPE; 4186+72 TOP OF SLOPE; 4186+79 ENTER WATERBODY DE-XX-S79.36; 4187+22 PP. 164' RT.
NY-DE-149.001 (RESCINDED SURVEY ACCESS)	4196+60; 4195+52 P.I. 15°00'00" RT.; 4199+54 P.I. 15°06'41" LT.
4200+83	4202+23 ℄ DIRT PATH
NY-DE-148.000	4207+80 P.I. 14°42'13" RT.
4208+89	
NY-DE-149.000	4210+71 P.I. 15°00'00" RT.; 4211+20 ENTER WETLAND DE-1M-W148; 4211+42 P.I. 8°00'00" RT.
4212+00	



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LINE LIST

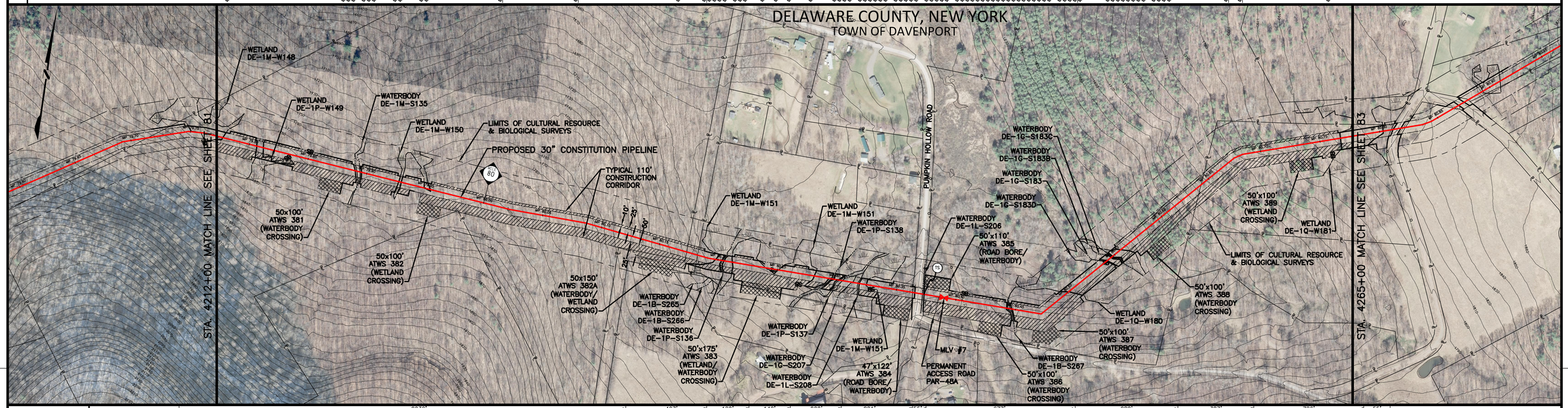
NY-DE-149.000 | NY-DE-150.000 | NY-DE-151.000 | NY-DE-153.000 | NY-DE-154.000

PUMPKIN HOLLOW RD.

4212+00 | 4233+15 | 4233+65 | 4243+20 | 4243+45 | 4257+91 | 4265+00

PIPELINE STATIONING

4212+24 EXIT WETLAND DE-1M-W148
4218+27 TOP OF SLOPE
4218+29 ENTER WATERBODY DE-1M-S135
4218+33 TOE OF SLOPE
4218+40 TOG OF SLOPE
4218+44 EXIT WATERBODY DE-1M-S135
4218+50 TOP OF SLOPE
4220+17 ENTER WETLAND DE-1M-W150
4220+29 EXIT WETLAND DE-1M-W150
4221+35 ENTER WETLAND DE-1M-W150
4221+59 EXIT WETLAND DE-1M-W150
4225+20 P.I. 4°00'00" LT.
4228+57 P.I. 8°00'00" RT.
4233+40 ℄ DIRT FARM ROAD
4234+14 P.I. 6°00'00" LT
4234+46 TOP OF SLOPE
4234+73 TOE OF SLOPE
4234+78 ENTER WATERBODY DE-1P-S136
4234+88 TOG OF SLOPE
4234+97 TOP OF SLOPE
4235+20 EXIT WETLAND DE-1M-W151
4236+67 ENTER WETLAND DE-1M-W151
4237+25 EXIT WETLAND DE-1M-W151
4237+83 ℄ STONE ROW
4238+84 ENTER WETLAND DE-1M-W151
4239+68 ℄ WATERBODY DE-1P-S138
4239+96 ENTER WATERBODY DE-1P-S137
4240+02 TOE OF SLOPE
4240+04 TOP OF SLOPE
4240+09 EXIT WATERBODY DE-1P-S137
4240+10 TOG OF SLOPE
4240+33 TOE OF SLOPE
4240+51 TOP OF SLOPE
4240+53 TOG OF SLOPE
4240+57 TOE OF SLOPE
4240+58 TOG OF SLOPE
4240+59 TOP OF SLOPE
4240+78 ENTER WATERBODY DE-1L-S208
4240+80 TOP OF SLOPE
4240+81 TOE OF SLOPE
4240+86 TOG OF SLOPE
4241+07 TOP OF SLOPE
4241+14 EXIT WETLAND DE-1M-W151
4241+27 TOG OF SLOPE
4243+27 TOE OF SLOPE
4243+29 TOG OF SLOPE
4243+34 TOP OF SLOPE
4243+56 TOE OF SLOPE
4243+63 TOG OF SLOPE
4243+64 ℄ WATERBODY DE-1L-S206
4243+69 TOP OF SLOPE
4243+83 TOG OF SLOPE
4244+38 ℄ PUMPKIN HOLLOW RD.
4244+59 TOE OF SLOPE
4245+44 ℄ WATER TELE. LINE
4245+54 TOG OF SLOPE
4246+40 CULV. 1 FT. RT.
4246+41 PP 1 FT. RT.
4246+42 PP 12" RT.
4247+37 ENTER WATERBODY DE-1B-S267
4247+41 TOE OF SLOPE
4247+45 TOG OF SLOPE
4247+54 EXIT WATERBODY DE-1B-S267
4247+55 TOP OF SLOPE
4247+61 TOG OF SLOPE
4250+45 ENTER WETLAND DE-1Q-W180
4252+59 TOP OF SLOPE
4252+60 ℄ WATERBODY DE-1G-S183
4252+65 TOG OF SLOPE
4252+87 TOP OF SLOPE
4252+88 TOG OF SLOPE
4252+89 ℄ WATERBODY DE-1G-S183C
4252+91 TOE OF SLOPE
4252+97 TOG OF SLOPE
4253+00 TOP OF SLOPE
4253+01 EXIT WETLAND DE-1Q-W180
4253+94 ℄ STONE ROW
4259+77 P.I. 14°48'26" RT.
4260+17 P.I. 14°48'26" RT.
4284+51 ENTER WETLAND DE-1Q-W181



MATERIAL

2032' ① | 407' ② | 120' ⑥ | 140' ② | 200' ⑥ | 221' ② | 55' ④ | 677' ② | 280' ⑥ | 387' ② | 726' ① | 55' ⑤

CLASS LOCATION: 1

LAND USE: PFO | IR | WB | IR | PFO | IR | PFO | IR | UF | PFO WB PFO | UF | PFO | UF | PFO WB PFO WB PFO WB PFO | UF | RD UF WB | UF | OL | UF | WB | UF | PFO | WB PFO WB PFO | IR | UF | PFO

ENVIRONMENTAL SITE SPECIFIC E & S

3 12 13 14 18 19 29 34 37 40 46 58A 90 91
1 2 5 6 7 18 19 29 29A 32 33 34 35 37 40 58 73
15A 44 45
2A 5 6 7 18 19 29 29A 32 33 34 35 37 40 58 73

GENERAL E & S FIGURES
18 19 28 29 29A 30 31 37 59 74 75 76 77 86

DEPTH OF COVER: 4' 3' 5' 3' 4' 3' 4' 3' 4' 5' 4' 3' 4' 3' 4' 5' 4' 3' 5' 4' 3' 5' 3' 4' 5' 4' 3' 4'

SOIL TYPE: LdE | LcD | HcE | EIE | WeB | MrC | No | WmC | MrC | LaD | No | MrC | WmC | MrC

PROFILE — VERTICAL SCALE IN FEET (0, 100, 200)

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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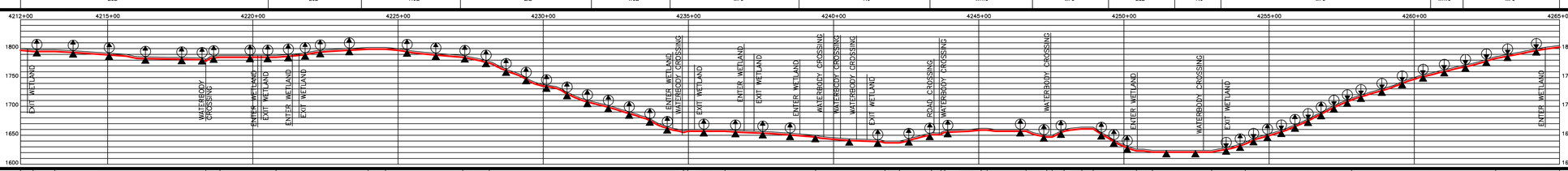

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PERMANENT SLOPE BREAKERS (ARROW INDICATES PLAN VIEW FLOW DIRECTION)

PERMANENT TRENCH BREAKER

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 IN AGRICULTURAL LAND	
SLOPE (%)	SPACING (FT)
<5	AS REQ.
5–10	150
>10–15	100
>15–20	80
>20–30	70
>30–40	50
>40–100	40
>100	25

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

AVERAGE % SLOPE: 6% 0% 3% 12% 0% 10% 0% 5% 11% 18% 13% 0% 3% 4% 0% 13% 0% 30% 3% 0% 1% 14% 0% 24% 7% 0% 26% 4% 0% 12% 21% 15% 9%

WORKSPACE SCHEMATIC

STA. 4212+00 MATCH LINE — 50' 549' 47' 160' 69' 1230' 137' 82' 184' 62' 377' 85' 110' 249' 29' 240' 336' 1114' 56' — STA. 4265+00 MATCH LINE

LIMITS OF DISTURBANCE
℄ PROPOSED 30" CONSTITUTION PIPELINE
LIMITS OF DISTURBANCE

168' 184' 128' 100' 137' 74' 100' 877' 28' 150' 46' 211' 39' 175' 67' 351' 58' 122' 247' 34' 100' 76' 28' 100' 168' 320' 100' 81' 607' 100' 96'

MATERIAL SUMMARY

ITEM NO.	DESCRIPTION	QTY.
1	PIPE, 30" OD, 0.529" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	2758'
2	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	1832'
3	PIPE, 30" OD, 0.635" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	0'
4	PIPE, 30" OD, 0.635" WT., X-70, w/10 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND 40 MILS ARO COATING	55'
5	PIPE, 30" OD, 0.529" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND WEIGHT COATING	55'
6	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND WEIGHT COATING	600'
7	PIPE, 30" OD, 0.635" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND WEIGHT COATING	0'
8	PIPE, 30" OD, 0.750" WT., X-70, w/10 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING AND 40 MILS ARO COATING	0'

ITEM NO.	DESCRIPTION	QTY.

SOIL LEGEND

EIE – Elka–Vly channery silt loams
HcE – Halcott, Mongaup and Vly soils
LaD – Lackawanna flaggy silt loam
LcD – Lackawanna–Morris complex
LdE – Lackawanna and Bath Soils
MrC – Morris flaggy silt loam
No – Norchip silt loam
WeB – Wellsboro channery silt loam
WmC – Willowemoc channery silt loam

LAND USE LEGEND

1. AGRICULTURAL LAND (AG)
2. INDUSTRIAL (ID)
3. COMMERCIAL (CM)
4. RESIDENTIAL (RE)
5. ROADS (RD)
6. OPEN WATER (OW)
7. SAND/GRAVEL PITS OR QUARRIES (SG)
8. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURE) (OL)
9. SPECIAL USE (PARKS, GOLF COURSES, MUNICIPAL LAND, ETC.) (SP)
10. FORESTED WETLANDS (PFO)
11. SCRUB-SHRUB WETLANDS (PSS)
12. EMERGENT WETLANDS (PEM)
13. WATERBODY (WB)
14. UPLAND FOREST (UF)
15. INTERIOR FOREST (IR)

0 200 400 600
SCALE IN FEET

GULF INTERSTATE ENGINEERING
HOUSTON, TEXAS

DRAWING NO.	REFERENCE TITLE
26–27–70/001 THRU 26–27–70/022 26–07–85/NY–DE–151.007–1–B (90–0817)VF–1P–1	TYPICAL RIGHT–OF–WAY CROSS SECTIONS PUMPKIN HOLLOW ROAD MAINLINE VALVE 7

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK	APP
3	07/24/13	GIE	ISSUED FOR SUPPLEMENTAL FERC #1 ER	1110415	JRL	TK
4	10/07/13	GIE	ISSUED FOR BID #1	1110415	JRL	TK
5	11/08/13	GIE	ISSUED FOR SUPPLEMENTAL FERC #2 ER	1110415	JRL	TK
6	06/02/14	GIE	ISSUED FOR SUPPLEMENTAL FERC #3 ER	1110415	JRL	TK
7B	07/14/14	GIE	ISSUED FOR SUPPLEMENTAL FERC #4 ER/IFB #3	1110415	JRL	TK

CONSTITUTION PIPELINE COMPANY, LLC
SOIL EROSION AND SEDIMENT CONTROL PLAN
FERC ALIGNMENT SHEETS
PROPOSED 30" NATURAL GAS PIPELINE
STA. 4212+00 TO STA. 4265+00
DELAWARE COUNTY, NEW YORK

CONSTITUTION PIPELINE

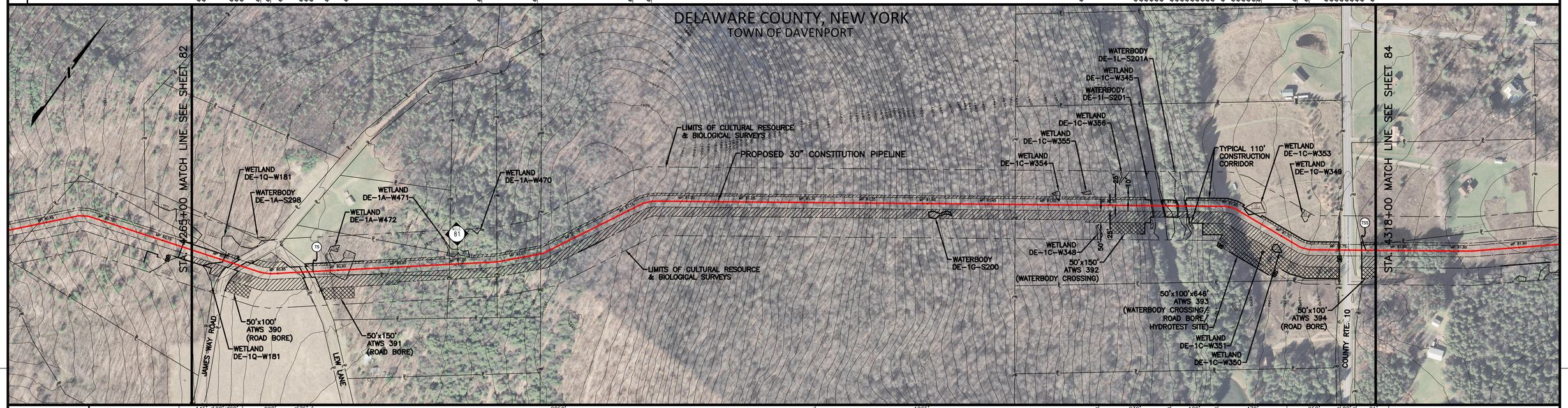
DRAWN BY: GIE	DATE: 09/26/12	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY: GIE	DATE: 09/27/12	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER: 26–03–70/0001	SHEET 82 OF 126
WO: 1110415			

LINE LIST

NY-DE-154.000 | JAMESWAY RD. | NY-DE-155.000 | LEW LANE | NY-DE-155.004 | NY-DE-155.007 | NY-DE-155.008 | NY-DE-158.001 (DENIED SURVEY ACCESS) | NY-DE-158.002 | COUNTY ROAD 10 | NY-DE-165.004

PIPELINE STATIONING

4265+00	EXIT WETLAND DE-1Q-W181
4266+44	PP, 91' RT.
4267+04	E JAMESWAY RD.
4267+07	ENTER AGRICULTURAL LAND
4267+29	UTILITY POWER LINE
4268+15	P.I. 10°30'00" LT.
4268+55	P.I. 10°30'00" LT.
4269+12	PP, 123' LT.
4270+07	EXIT AGRICULTURAL LAND
4270+34	ENTER AGRICULTURAL LAND
4270+38	EXIT AGRICULTURAL LAND
4271+17	ENTER WETLAND DE-1A-W472
4272+04	EXIT WETLAND DE-1A-W472
4276+41	
4278+50	P.I. 7°28'33" LT.
4280+54	P.I. 15°20'00" LT.
4285+46	P.I. 13°50'00" RT.
4285+88	P.I. 13°50'00" RT.
4301+76	
4307+08	EXISTING FENCE
4307+39	E DIRT ROAD
4307+62	EXISTING FENCE
4307+67	TOE OF SLOPE
4307+70	TOE OF SLOPE
4307+79	TOE OF SLOPE
4308+01	TOE OF SLOPE
4308+07	TOE OF SLOPE
4308+19	ENTER WETLAND DE-1C-W345
4308+29	EXIT WETLAND DE-1C-W345
4308+50	TOE OF SLOPE
4308+60	TOE OF SLOPE
4308+81	ENTER WATERBODY
4308+91	TOE OF SLOPE
4309+00	TOE OF SLOPE
4309+16	TOE OF SLOPE
4309+20	EXIT WATERBODY DE-1G-S201A
4309+23	TOE OF SLOPE
4310+23	E STONE ROW
4311+40	P.I. 15°00'00" RT.
4311+90	P.I. 15°00'00" RT.
4314+73	P.I. 15°00'00" LT.
4315+13	P.I. 15°00'00" LT.
4316+43	UTILITY POWER LINE
4316+46	UTILITY POWER LINE
4316+48	UTILITY POWER LINE
4316+88	UTILITY POWER LINE
4316+93	TOE OF SLOPE COUNTY ROAD 10
4317+04	TOP OF SLOPE
4317+35	TOP OF SLOPE



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