LINE LIST

3790+00	NY-DE-104.000	3793+00	NY-DE-105.000	3805+83	NY-DE-106.000	3824+09	NY-DE-110.000	3844+00

PIPELINE STATIONING

- 3790+18 P.I. 12°27'19" LT.
- 3793+82 P.I. 14°32'46" LT.
- 3794+65 ℄ WATERBODY DE-1C-S192
- 3795+06 TOP OF SLOPE
- 3795+14 ℄ WATERBODY DE-1C-S192A
- 3795+22 EXIT WETLAND DE-1W-W073
- 3795+24 TOP OF SLOPE
- 3797+91 P.I. 4°00'00" LT.
- 3799+41 P.I. 15°00'00" RT.
- 3814+62 P.I. 16°00'00" LT.
- 3815+02 P.I. 16°00'00" LT.
- 3816+68 P.I. 11°16'05" LT.
- 3822+76 P.I. 4°08'08" RT.
- 3823+55 P.I. 10°42'26" RT.
- 3825+19 ℄ STONE ROW
- 3836+64 ℄ STONE ROW
- 3838+24 P.I. 9°18'01" RT.
- 3838+77 P.I. 14°49'30" RT.
- 3839+45 P.I. 3°38'20" RT.
- 3843+34 ℄ ATV TRAIL

MATERIAL: 120' ② 3791+20 · 160' ⑥ 3792+80 · 122' ② 3794+02 · 40' ⑥ 3794+42 · 44' ② 3794+86 · 4914' ①

CLASS LOCATION: 1

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

ENVIRONMENTAL SITE SPECIFIC E & S: 3, 12, 13, 14, 18, 19, 29, 34, 37, 40, 46, 58A, 90, 91 | 2A, 5, 6, 7, 18, 19, 29, 29A, 32, 33, 34, 35, 37, 40, 58, 73

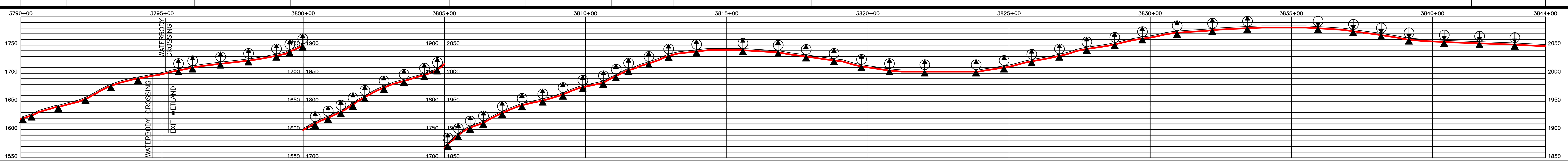
GENERAL E & S FIGURES: 18, 19, 28, 29, 29A, 30, 31, 37, 59, 74, 75, 76, 77, 86

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

SOIL TYPE: WeC | LdE | WeC | VlD | HcF | VlC | HcE | VlC | HcE | VlC | WmB

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 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.



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

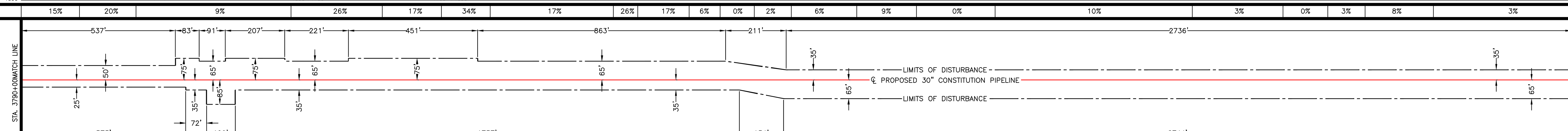
*AT A MINIMUM, TRENCH BREAKERS AND SLOPE BREAKERS SHALL BE LOCATED WITHIN 50 FT. OF THE EDGE (BOTH SIDES) OF WETLANDS AND WATERBODIES. ACTUAL LOCATION SHALL BE DETERMINED BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR..

PERMANENT TRENCH BREAKER SPACING 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: 15% | 20% | 9% | 26% | 17% | 34% | 17% | 26% | 17% | 6% | 0% | 2% | 6% | 9% | 0% | 10% | 3% | 0% | 3% | 8% | 3%

WORKSPACE SCHEMATIC



MATERIAL SUMMARY

ITEM NO.	DESCRIPTION	QTY.	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	4914'			
2	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	286'			
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	0'			
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	200'			
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

HcE – Halcott, Mongaup and Vly soils
HcF – Halcott, Mongaup and Vly soils
LdE – Lackawanna and Bath soils
VlC – Vly channery silt loam
VlD – Vly channery silt loam
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

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. 3790+00 TO STA. 3844+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 74 OF 126
WO: 1110415			

LINE LIST

3844+00 (NY-DE-110.000) 3846+76
(NY-DE-111.000) (DENIED SURVEY ACCESS)
3859+97 (NY-DE-112.000) 3864+00
(NY-DE-113.000) (DENIED SURVEY ACCESS) 3867+13
(GRANGE HALL RD.)
3867+63 (NY-DE-115.000) 3882+19
(NY-DE-114.000) (DENIED SURVEY ACCESS) 3887+18
(NY-DE-116.000) (DENIED SURVEY ACCESS)
3888+72 (NY-DE-117.000) 3894+62
(NY-DE-118.000) (RESCINDED SURVEY ACCESS)
3896+00

PIPELINE STATIONING

3845+52 P.I. 14°31'55" RT.
3845+92 P.I. 14°31'55" RT.
3848+32 P.I. 12°24'45" RT.
3852+50 ℄ WATERBODY DE-1X-S72.98
3866+32 P.I. 1°11'16" RT.
3867+39 ℄ GRANGE HALL RD.
3867+50 ENTER AGRICULTURAL LAND
3869+41 EXIT AGRICULTURAL LAND
3871+13 ENTER WETLAND DE-1P-W074
3873+04 ℄ STONE ROW
3873+34 EXIT WETLAND DE-1P-W074
3874+81 ENTER WETLAND DE-1W-W075
3875+35 EXIT WETLAND DE-1W-W075
3878+32 ENTER WETLAND DE-1W-W125
3883+72 EXIT WETLAND DE-1W-W125
3885+66 P.I. 8°58'24" RT.
3886+65 P.I. 8°58'24" RT.
3887+09 P.I. 13°57'33" LT.
3887+18 ℄ STONE ROW
3887+52 PP, 33' LT.
3887+80 UTILITY POWER LINE
3888+06 P.I. 13°57'33" LT.
3888+53 PP, 142' RT.
3888+66 ℄ STONE ROW
3890+12 P.I. 9°58'19" RT.
3894+54 ℄ STONE ROW

MATERIAL

2310' (1) | 3867+10 | 3867+16 3-20°-V | 55' (4) | 3867+65 | 358' (1) | 3871+23 | 200' (5) | 3873+23 | 549' (1) | 3878+72 | 200' (5) | 3880+72 | 80' (1) | 3881+52 | 160' (5) | 3883+12 | 1288' (1)

CLASS LOCATION

1

LAND USE

IR | WB | IR | UF | RD | AG | OL | PSS | UF | OL | PEM | OL | UF | PFO | IR

ENVIRONMENTAL SITE SPECIFIC E & S

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

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

DEPTH OF COVER

3' | 5' | 3' | 5' | 4' | 3' | 4' | 3'

SOIL TYPE

WmB | VIB | HcC | VIB | VIC | VIB | VIC | WmC | OeB | No | OfB | WmB | VIC

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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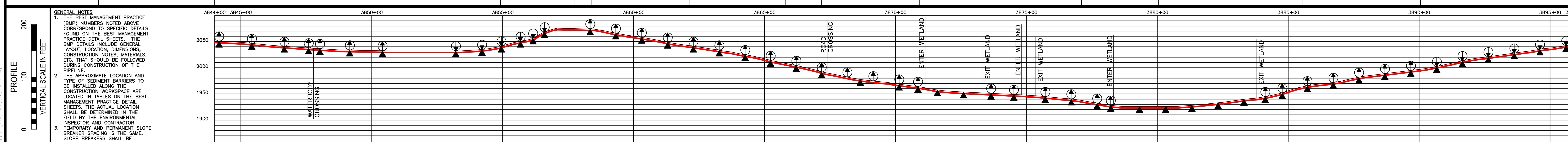
3. TEMPORARY AND PERMANENT SLOPE BREAKER SPACING IS THE SAME. SLOPE BREAKERS SHALL BE MAINTAINED IN PLACE AT ALL TIMES.



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 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

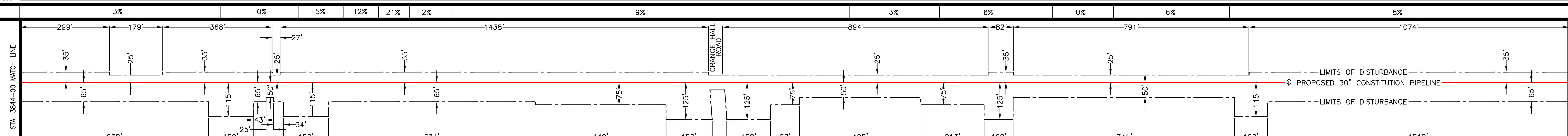
PERMANENT TRENCH / SLOPE BREAKER SPACING

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

AVERAGE % SLOPE

3% | 0% | 5% | 12% | 21% | 2% | 9% | 3% | 6% | 0% | 6% | 8%

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	4585'
2	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	0'
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	560'
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'

ITEM NO.	DESCRIPTION	QTY.

SOIL LEGEND

HcC – Halcott, Mongaup and Vly soils
No – Norchip silt loam
OeB – Onteora channery silt loam
OfB – Onteora and Ontusia soils
VIB – Vly channery silt loam
VIC – Vly channery silt loam
WmB – Willowemoc 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-113.003-1-B	TYPICAL RIGHT-OF-WAY CROSS SECTIONS GRANGE HALL 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. 3844+00 TO STA. 3896+00
DELAWARE COUNTY, NEW YORK

CONSTITUTION PIPELINE

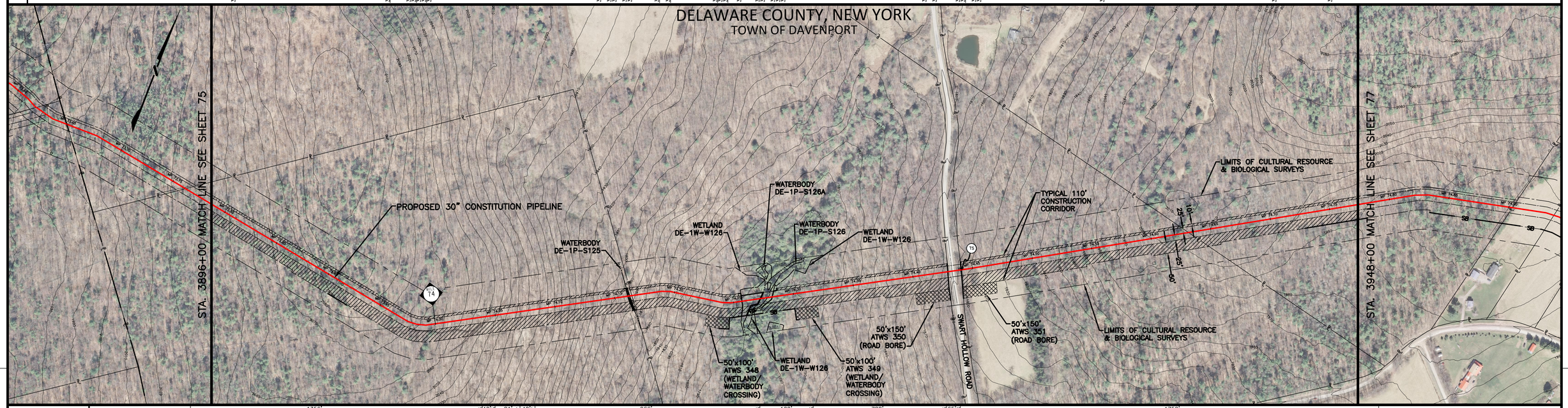
DRAWN BY: GIE	DATE: 09/26/12	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY: GIE	DATE: 09/27/12	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER: 26-03-70/0001	SHEET 75 OF 126
WO: 1110415			

LINE LIST

3896+00	(NY-DE-118.000) (RESCINDED SURVEY ACCESS)	3915+88	(NY-DE-117.000)	SWART HOLLOW RD. 3923+86	3930+46	(NY-DE-118.001) (RESCINDED SURVEY ACCESS)	3940+53	(NY-DE-119.000)	3948+00

PIPELINE STATIONING

3899+01 ℄ STONE ROW
3905+97 P.I. 10°00'00" LT.
3906+17 ℄ WOODS ROAD
3906+28 P.I. 10°00'00" LT.
3906+38 ℄ STONE ROW
3907+03 P.I. 10°00'00" LT.
3907+23 ℄ STONE ROW
3915+67 TOP OF SLOPE
3915+74 ℄ WATERBODY DE-1P-S125
3915+79 ℄ BURIED BELL ATLANTIC FIBER OPTIC
3915+83 TOP OF SLOPE
3915+86 21D', 25' RT.
3917+19 P.I. 10°00'00" RT.
3917+59 P.I. 10°00'00" RT.
3918+89 P.I. 10°00'00" LT.
3919+05 ℄ WOODS ROAD
3920+29 P.I. 10°00'00" LT.
3920+77 ENTER WETLAND DE-1W-W126
3921+61 ENTER WATERBODY DE-1P-S126
3921+70 TOP OF SLOPE
3921+89 TOP OF SLOPE
3922+00 ℄ WATERBODY DE-1P-S126
3922+10 EXIT WETLAND DE-1W-W126
3929+91 ℄ BURIED VERIZON WIRELESS FIBER OPTIC
3930+05 ℄ SWART HOLLOW RD.
3930+49 ℄ STONE ROW
3930+79 P.I. 11°15'46" LT.
3931+13 ENTER AGRICULTURAL LAND
3931+24 EXIT AGRICULTURAL LAND
3937+44 ℄ STONE ROW
3945+35 ℄ STONE ROW
3947+17 END CLASS 1 BEGIN CLASS 2



MATERIAL: 1356' ① | 40' ④ | 81' ① | 40' ④ | 966' ① | 120' ⑤ | 780' ① | 65' ④ | 1752' ①

CLASS LOCATION: 1 | 2

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

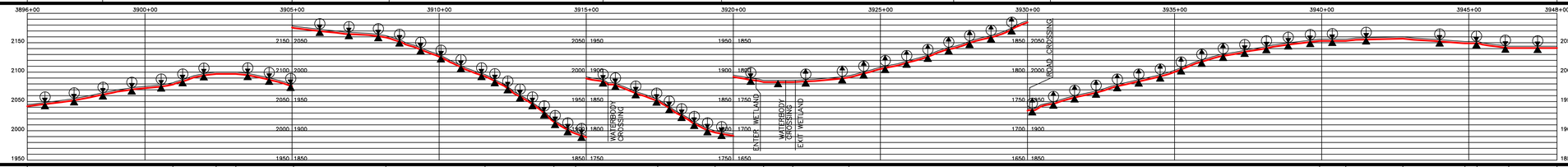
ENVIRONMENTAL SITE SPECIFIC E & S: 1 2 5 6 7 18 19 29 29A 32 33 34 35 37 40 58 73 | 3 12 13 14 18 19 29 34 37 40 46 58A 90 91 | 2A 5 6 7 18 19 29 29A 32 33 34 35 37 40 58 73 | 4 15A

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

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

SOIL TYPE: VIC | HcC | VIB | HcE | LkE | WnC | LhC | VIC

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.
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.

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 FLOW VIEW FLOW DIRECTION)

PERMANENT TRENCH BREAKER

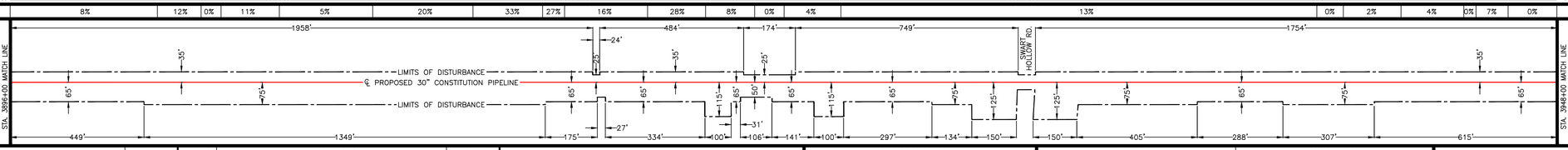
NOT A MINIMUM. TRENCH BREAKERS AND SLOPE BREAKERS SHALL BE LOCATED WITHIN 50 FT. OF THE EDGE (BOTH SIDES) OF WETLANDS AND WATERBODIES. ACTUAL LOCATION SHALL BE DETERMINED BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR.

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: 8% | 12% | 0% | 11% | 5% | 20% | 33% | 27% | 16% | 28% | 8% | 0% | 4% | 13% | 0% | 2% | 4% | 0% | 7% | 0%

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	4935'
2	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	0'
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	145'
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	120'
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'

ITEM NO.	DESCRIPTION	QTY.

SOIL LEGEND
HcC – Halcott, Mongaup and Vly soils
HcE – Halcott, Mongaup and Vly soils
LhC – Lewbeach channery loam
LkE – Lewbeach and Lewbath soils
VIB – Vly channery silt loam
VIC – Vly channery silt loam
WnC – Willowmoc and Willdin soils

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-117.003-1-B	TYPICAL RIGHT-OF-WAY CROSS SECTIONS SWART 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. 3896+00 TO STA. 3948+00
DELAWARE COUNTY, NEW YORK

CONSTITUTION PIPELINE

DRAWN BY:	GIE	DATE:	09/26/12
CHECKED BY:	GIE	DATE:	09/27/12
APPROVED BY:		DATE:	
W.O.	1110415		

ISSUED FOR BID:
ISSUED FOR CONSTRUCTION:
SCALE: 1" = 200'
DRAWING NUMBER: 26-03-70/0001
SHEET 76 OF 126

LINE LIST

Station	Line
3948+00 – 3954+89	NY-DE-119.000
3954+89 – 3956+74	NY-DE-120.000
3956+74 – 3958+66	NY-DE-121.000
3958+66 – 3966+69	NY-DE-122.000
3966+69 – 3970+92	NY-DE-123.000 (DENIED SURVEY ACCESS)
3970+92 – 3974+64	NY-DE-124.000 (DENIED SURVEY ACCESS)
3974+64 – 3975+32	WHITE HILL RD.
3975+32 – 3978+17	NY-DE-124.001
3978+17 – 3984+71	NY-DE-125.001
3984+71 – 3991+54	NY-DE-125.002
3991+54 – 3993+96	NY-DE-126.001
3993+96 – 4001+00	NY-DE-127.000 (DENIED SURVEY ACCESS)

PIPELINE STATIONING

Station	Description
3948+55	℄ DIRT TRAIL
3950+57	P.I. 8°58'00" RT.
3951+17	P.I. 8°58'00" RT.
3954+74	℄ STONE ROW
3955+05	ENTER AGRICULTURAL LAND
3956+37	P.I. 9°37'32" RT.
3956+96	P.I. 9°37'32" RT.
3958+68	EXISTING FENCE
3962+87	EXIT AGRICULTURAL LAND
3963+07	EXISTING FENCE
3971+64	ENTER AGRICULTURAL LAND
3974+87	EXIT AGRICULTURAL LAND
3974+92	℄ WHITE HILL RD.
3975+09	TOP OF SLOPE
3975+15	℄ WATERBODY DE-1C-S268
3975+17	ENTER WETLAND DE-1C-W331
3975+20	TOP OF SLOPE
3975+20	UTILITY POWER LINE
3975+36	UTILITY POWER LINE
3975+42	EXIT WETLAND DE-1C-W331
3976+73	GUY, 101' LT.
3976+77	PP, 69' LT.
3976+78	UTILITY POWER LINE
3976+83	PP, 215' RT.
3981+47	P.I. 15°33'47" RT.
3982+68	ENTER AGRICULTURAL LAND
3985+39	PP, 89' RT.
3985+39	UTILITY POWER LINE
3985+39	GUY, 67' LT.
3985+39	PP, 53' LT.
3985+50	GUY, 26' LT.
3986+28	EXIT AGRICULTURAL LAND
3986+37	℄ TOWER DR.
3986+47	ENTER AGRICULTURAL LAND
3986+50	TOP OF SLOPE
3986+55	TOP OF SLOPE
3986+77	UTILITY POWER LINE
3988+99	P.I. 8°03'02" LT.
3988+99	PP, 86' RT.
3991+35	EXIT AGRICULTURAL LAND
3991+38	P.I. 15°00'00" RT.
3991+79	P.I. 15°00'00" RT.
3992+19	P.I. 15°00'00" RT.
3993+40	P.I. 14°42'12" LT.
3993+81	P.I. 14°42'12" LT.
3994+21	P.I. 14°42'12" LT.
3996+34	P.I. 15°22'26" RT.
3997+20	P.I. 13°12'36" RT.

MATERIAL	2663' (1); 3974+63 – 3975+33: 70' (4); 1089' (1); 3986+22 – 3986+52: 30' (4); 740' (1); 3993+92 – 3994+32: 40' (4); 668' (1)
CLASS LOCATION	2
LAND USE	IR, UF, AG, OL, PSS, OL, AG, RD, OL, WB, PEM, OL, UF, AG, RD, AG, OL, UF, OL, RD, OL, UF, OL, UF
ENVIRONMENTAL SITE SPECIFIC E & S	15A, 44, 45 / 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
DEPTH OF COVER	3', 4', 5', 4', 3', 4', 5', 4', 5', 4', 3', 4', 3'
SOIL TYPE	VIC, LhB, VIC, WmC, WmB, WmC, HcE, VIC, VID, HcC, VID, LhB

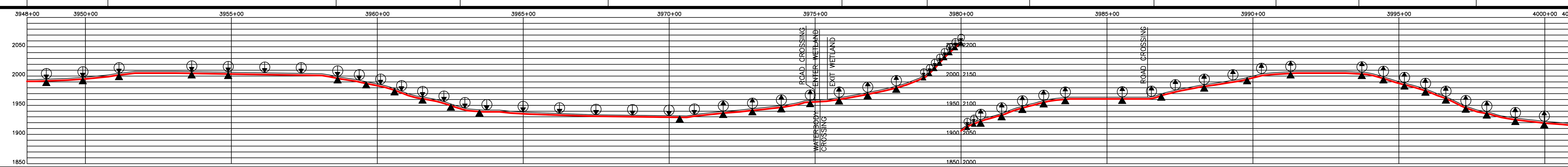
GENERAL E & S FIGURES

18 19 28 29 29A 30 31
37 59 74 75 76 77 86

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 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.



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

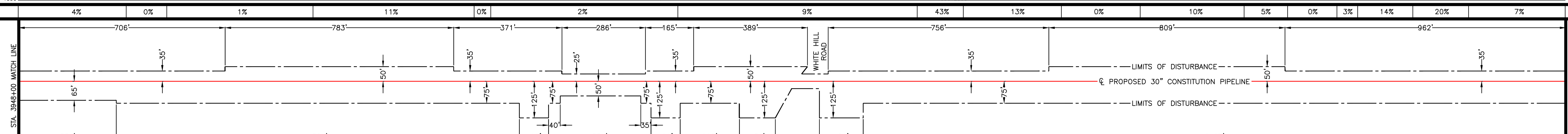
*AT A MINIMUM, TRENCH BREAKERS AND SLOPE BREAKERS SHALL BE LOCATED WITHIN 50 FT. OF THE EDGE (BOTH SIDES) OF WETLANDS AND WATERBODIES. ACTUAL LOCATION SHALL BE DETERMINED BY THE ENVIRONMENTAL INSPECTOR AND CONTRACTOR..

PERMANENT TRENCH BREAKER SPACING 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: 4% | 0% | 1% | 11% | 0% | 2% | 9% | 43% | 13% | 0% | 10% | 5% | 0% | 3% | 14% | 20% | 7%

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	5160'
2	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	0'
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	140'
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'

ITEM NO.	DESCRIPTION	QTY.

SOIL LEGEND

HcC – Halcott, Mongaup and Vly soils
HcE – Halcott, Mongaup and Vly soils
LhB – Lewbeach channery loam
VIC – Vly channery silt loam
VID – Vly channery silt loam
WmB – Willowemoc 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	TYPICAL RIGHT-OF-WAY CROSS SECTIONS
26-07-85/NY-DE-124.004-1-B	WHITE HILL ROAD
26-07-85/NY-DE-125.007-1-B	TOWER DR.

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. 3948+00 TO STA. 4001+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 77 OF 126
WO: 1110415			

LINE LIST

- 4001+00
- NY-DE-127.000 (DENIED SURVEY ACCESS)
- 4004+41
- WHITE HILL ROAD
- 4004+86
- NY-DE-127.001
- 4006+42
- NY-DE-127.002 (DENIED SURVEY ACCESS)
- 4017+98
- NY-DE-129.000 (DENIED SURVEY ACCESS)
- 4037+51
- COE HILL ROAD
- 4038+03
- NY-DE-130.000 (DENIED SURVEY ACCESS)
- 4047+32
- NY-DE-131.000
- 4053+00

PIPELINE STATIONING

- 4001+87 P.I. 45°00'00" LT.
- 4003+34 ℄ WATERBODY DE-XX-S75.87
- 4004+38 UTILITY POWER LINE
- 4004+69 PP, 106' RT.
- 4004+74 GUY, 98' RT.
- 4004+74 GUY, 122' RT.
- 4004+88 ℄ WHITE HILL RD.
- 4005+01 TOP OF SLOPE
- 4005+10 TOP OF SLOPE
- 4011+56 P.I. 2°00'00" RT.
- 4011+72 END CLASS 2 BEGIN CLASS 1
- 4020+44 P.I. 6°52'40" LT.
- 4031+70 P.I. 12°00'00" LT.
- 4032+10 P.I. 11°34'50" LT.
- 4032+63 P.I. 9°25'10" LT.
- 4033+03 P.I. 9°00'00" LT.
- 4033+28 ℄ WATERBODY DE-XX-S76.43
- 4035+35 P.I. 11°20'44" RT.
- 4035+84 P.I. 11°20'44" RT.
- 4036+32 P.I. 7°39'03" RT.
- 4037+12 ℄ WATERBODY DE-1X-S76.50
- 4037+76 ℄ COE HILL ROAD
- 4037+90 TOP OF SLOPE
- 4037+98 TOP OF SLOPE
- 4038+39 P.I. 15°06'18" LT.
- 4039+16 P.I. 6°32'05" RT.
- 4039+68 P.I. 13°32'57" RT.
- 4043+92 P.I. 6°48'37" LT.
- 4046+53 END CLASS 1 BEGIN CLASS 2
- 4047+28 ℄ STONE ROW
- 4048+57 P.I. 0°27'54" RT.
- 4049+56 ℄ STONE ROW
- 4050+98 ENTER WETLAND DE-1C-W376
- 4052+94 EXIT WETLAND DE-1C-W376

MATERIAL

4001+87 1-45°-H; 345' ①; 4004+45; 70' ④; 4005+15; 3231' ①; 4037+46; 55' ④; 4038+01; 1499' ①

CLASS LOCATION

2 | 1 | 2

LAND USE

UF | OL | WB | OL | RD | UF | IR | UF | WB | UF | WB | UF | RD | OL | UF | OL | UF | PFO | UF

ENVIRONMENTAL SITE SPECIFIC E & S

15A, 44, 45 (White Hill Road); 15A, 44, 45 (Coe Hill Road); 3, 12, 13, 14, 18, 19, 29, 34, 37, 40, 46, 58A, 90, 91

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

DEPTH OF COVER

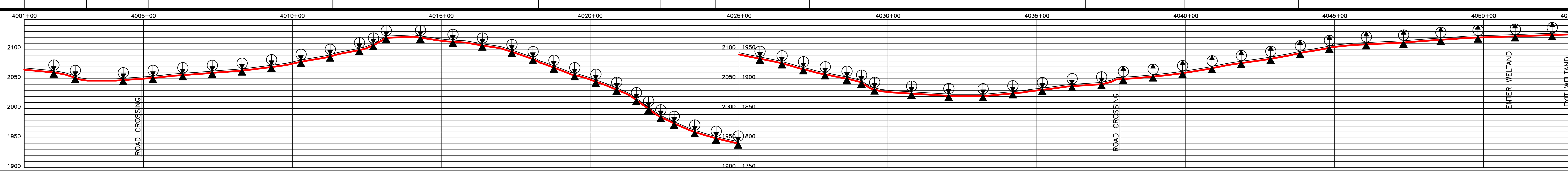
4' | 5' | 4' | 5' | 3' | 5' | 3' | 5' | 4' | 3' | 4' | 3' | 4' | 3'

SOIL TYPE

LhB | OeB | WmB | HcC | VlE | LhC | WnC | OeA | WmB | WmC | WmB

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 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.



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..

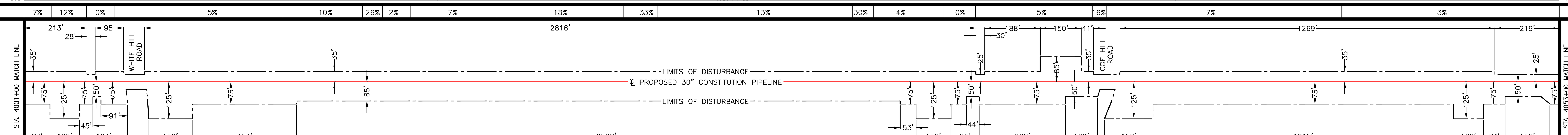
PERMANENT TRENCH BREAKER SPACING IN AGRICULTURAL LAND	
SLOPE (%)	SPACING (FT)
<5	AS REQ.
5–10	150
>10–15	100
>15–20	80
>20–30	70
>30–40	50
>40–100	40
>100	25

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

AVERAGE % SLOPE

7% | 12% | 0% | 5% | 10% | 26% | 2% | 7% | 18% | 33% | 13% | 30% | 4% | 0% | 5% | 16% | 7% | 3%

WORKSPACE SCHEMATIC



MATERIAL SUMMARY

ITEM NO.	DESCRIPTION	QTY.	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	5075'			
2	PIPE, 30" OD, 0.562" WT., X-70, w/15-17 MILS FBE EXTERNAL COATING AND 1.5 MILS INTERNAL COATING	0'			
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	125'			
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

- HcC – Halcott, Mongaup and Vly soils
- LhB – Lewbeach channery loam
- LhC – Lewbeach channery loam
- OeA – Onteora channery silt loam
- OeB – Onteora channery silt loam
- VlE – Vly channery silt loam
- WmB – Willowemoc channery silt loam
- WmC – Willowemoc channery silt loam
- WnC – Willowemoc and Willdin soils

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-126.007-1-B	WHITE HILL ROAD
26-07-85/NY-DE-129.003-1-B	COE HILL 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. 4001+00 TO STA. 4053+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 78 OF 126
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