OWNERSHIP / FOOTAGE												
Station	1848+05	1849+72	1850+46	1851+73	1854+43	1855+46	1856+46	1857+46	1859+46	1860+82	1862+95	1864+02
Parcel	PE-CA-089.000	PE-CA-089.000-MR	PE-CA-091.000	PE-CA-094.000	PE-CA-096.000	PE-CA-099.000	PE-CA-100.000	PE-CA-102.000	PE-CA-105.000	PE-CA-107.000	PE-CA-108.000	PE-CA-057.000
Footage	167'	74'	127'	270'	103'	100'	100'	200'	136'	213'	107'	1043'

1874+45

STATIONING

1849+72 PROPERTY LINE
1849+91 EDGE OF GRAVEL
1849+98 CENTERLINE OF REDWOOD DR
1850+05 EDGE OF GRAVEL
1850+13 CENTERLINE OF PP&L OVERHEAD LINE
1850+46 PROPERTY LINE
1851+73 PROPERTY LINE
1854+43 PROPERTY LINE
1855+46 PROPERTY LINE
1856+46 PROPERTY LINE
1857+46 PROPERTY LINE
1859+46 PROPERTY LINE
1860+82 PROPERTY LINE
1862+95 PROPERTY LINE
1863+32 P.I.~ 9°50'41" RT
1863+72 P.I.~ 9°50'42" RT
1864+02 PROPERTY LINE
1864+12 P.I.~ 9°50'42" RT
1866+55 P.I.~ 10°59'14" LT
1866+95 P.I.~ 10°59'17" LT
1867+35 P.I.~ 10°59'14" LT

M.P. 35.0
M.P. 35.5
CARBON COUNTY, PENNSYLVANIA
CYPRESS DRIVE
HEMLOCK DRIVE
REDWOOD DRIVE
PONDEROSA DRIVE
S SYCAMORE DRIVE
UNNAMED ROAD
PE-CA-083.000
PE-CA-084.000
PE-CA-085.000
PE-CA-086.000
PE-CA-087.000
PE-CA-088.000
PE-CA-089.000
PE-CA-089.000-MR
PE-CA-090.000
PE-CA-091.000
PE-CA-092.000
PE-CA-093.000
PE-CA-094.000
PE-CA-095.000
PE-CA-096.000
PE-CA-097.000
PE-CA-098.000
PE-CA-099.000
PE-CA-100.000
PE-CA-101.000
PE-CA-102.000
PE-CA-103.000
PE-CA-104.000
PE-CA-105.000
PE-CA-106.000
PE-CA-107.000
PE-CA-108.000
PE-CA-109.000
PE-CA-110.000
PE-CA-111.000
PE-CA-057.000
EXISTING OVERHEAD LINE
LAT:40° 58' 35.85" N
LONG:75° 37' 23.12" W
LAT:40° 58' 34.81" N
LONG:75° 37' 23.71" W
PROPOSED 36" PENNEAST PIPELINE
EXISTING OIL LINE (BUCKEYE PARTNERS, LP)
EXISTING PETROLEUM LINES (BUCKEYE PARTNERS, LP)
UTILITY EASEMENT
WATERBODY 042315_JC_1003_I_IN
WETLAND 042315_JC_1004_PFO
WETLAND 042315_JC_1005_PFO
WETLAND 010716_GM_1001_VP
SEE DWG. 000-03-01-070 STA. 1848+05
STA. 1874+45 SEE DWG. 000-03-01-072
1845+00
1850+00
1855+00
1860+00
1865+00
1870+00
1875+00
T-474
ArB
SmB
AnB
AbA
DrA
DsB
MoD
SCALE: 1" = 100'
100 50 0 100

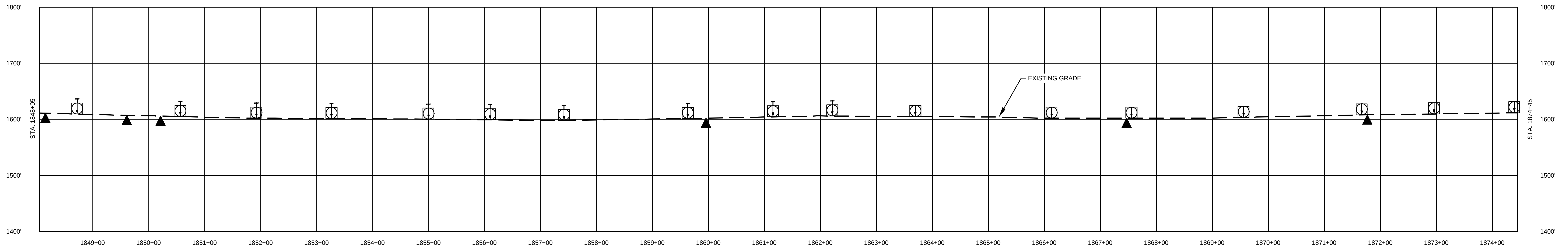
LAND USE										
	UF	RD	UF	RE	UF	RE	UF	OL/ROW	UF	

WATERSHED NAME	STONY CREEK
WATERSHED CLASSIFICATION	EV, MF

SOILS				
	ArB	SmB	AnB	AbA

WATERBODY CROSSING METHOD		
CLASS LOCATION	CLASS II	CLASS I
DESIGN FACTOR	0.60	0.72
MAOP	1480 PSIG	

PROFILE



MICHAEL DENICHILO PE086513

10/25/2019

Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT

SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 1848+05 TO STA. 1874+45

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-071	B

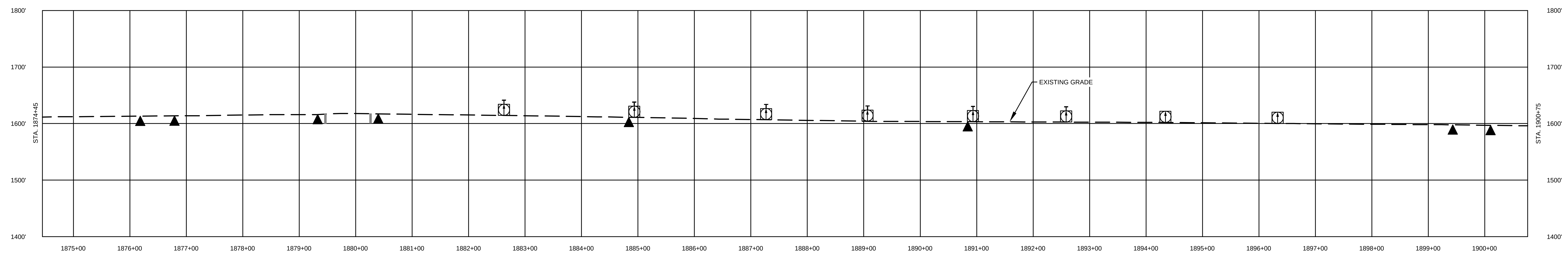
G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATAPROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-071.DWG 2019/10/14 DUM64749

OWNERSHIP / FOOTAGE	1874+45 PE-CA-057.000 533' 1879+78 PE-CA-112.000 159' 1881+37 PE-CA-113.000 1938' 1900+75
STATIONING	1877+14 P.I.~ 20°02'41" LT 1879+02 CENTERLINE OF BUCKEYE PARTNERS, LP PIPELINE 1879+71 EDGE OF PAVEMENT 1879+78 PROPERTY LINE 1879+83 CENTERLINE OF T-473 1879+87 EXISTING FOREIGN DISTRIBUTION LINE 1879+96 EDGE OF PAVEMENT 1880+02 CENTERLINE OF PP&L OVERHEAD LINE 1881+37 PROPERTY LINE 1882+06 P.I.~ 12°59'30" RT 1888+94 P.I.~ 10°17'13" RT 1889+34 P.I.~ 10°17'11" RT 1889+74 P.I.~ 10°17'12" RT 1890+47 STORM LINE 1892+51 P.I.~ 9°52'49" LT 1892+91 P.I.~ 9°52'49" LT 1893+31 P.I.~ 9°55'19" LT 1895+15 P.I.~ 2°38'51" LT 1895+33 P.I.~ 2°30'17" LT 1899+43 EDGE OF WETLAND 060117_MB_1001_PFO

M.P. 35.5
M.P. 36.0
CARBON COUNTY, PENNSYLVANIA
SEE DWG. 000-03-01-071 STA. 1874+45
SEE DWG. 000-03-01-073 STA. 1900+75
EXISTING OVERHEAD LINE
EXISTING OIL LINE (BUCKEYE PARTNERS, LP)
LAT:40° 58' 9.61" N LONG:75° 37' 38.23" W
LAT:40° 58' 8.34" N LONG:75° 37' 38.22" W
LAT:40° 58' 7.92" N LONG:75° 37' 41.46" W
PE-CA-057.000
PE-CA-112.000
PE-CA-113.000
PROPOSED 36" PENNEAST PIPELINE
UTILITY EASEMENT
AR-040 (REFER TO ACCESS ROAD DETAIL)
EXISTING PETROLEUM LINES (BUCKEYE PARTNERS, LP)
WETLAND 010716_GM_1001_VP
WETLAND NWI-332
WETLAND 060117_MB_1001_PFO
WETLAND 060117_MB_1002_PUB
WETLAND 060117_MB_1001_PFO - 1
WETLAND 060117_MB_1001_PFO - 2
WETLAND 060117_MB_1001_PEM
T-473
T-474
STONY MOUNTAIN ROAD
UNNAMED ROAD
1875+00
1880+00
1885+00
1890+00
1895+00
1900+00
DrA
AbA
AnB
SmB
LtA
MbA
McB
1610'
1620'
1600'
SCALE: 1" = 100'
100 50 0 100

LAND USE	UF OL/ROW UF RD UF OL/ROW UF OL/ROW UF
WATERSHED NAME	STONY CREEK YELLOW RUN
WATERSHED CLASSIFICATION	EV, MF EV, MF
SOILS	AbA DrA LtA SmB
WATERBODY CROSSING METHOD	
CLASS LOCATION	CLASS I CLASS III CLASS I
DESIGN FACTOR	0.72 0.50 0.72
MAOP	1480 PSIG

PROFILE



MICHAEL DENICHILO
PE086513
10/25/2019

Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL

TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS

DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND
000-03-03-024	ACCESS ROAD DETAIL

REVISIONS

NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS

DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT

SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 1874+45 TO STA. 1900+75

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-072	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATAPROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-072.DWG2019/10/17 KAD49854

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATAPROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-073.DWG2019/10/17 SHA68829

OWNERSHIP / FOOTAGE	1900+75	PE-CA-113.000 773'	1908+48	PE-CA-114.000 1730'	1925+78	PE-CA-115.000 135'	1927+13

STATIONING

- 1902+10 EDGE OF WETLAND 060117_MB_1001_PFO
- 1905+29 EDGE OF WATERBODY 060117_MB_1001_P_MI
- 1905+47 CENTERLINE OF STREAM
- 1905+53 EDGE OF WETLAND 060217_MB_1001_PFO
- 1905+53 EDGE OF WATERBODY 060117_MB_1001_P_MI
- 1907+81 EDGE OF WETLAND 060217_MB_1001_PFO
- 1907+99 P.I.~ 1°00'22" LT
- 1908+48 PROPERTY LINE
- 1910+39 EDGE OF DIRT
- 1910+42 CENTERLINE OF TRAIL
- 1910+44 EDGE OF DIRT
- 1924+79 P.I.~ 7°47'23" RT
- 1925+78 PROPERTY LINE
- 1925+79 P.I.~ 8°21'19" LT
- 1926+50 P.I.~ 2°07'29" RT
- 1926+56 P.I.~ 2°10'13" LT

M.P. 36.0
M.P. 36.5R3
CARBON COUNTY, PENNSYLVANIA
SEE DWG. 000-03-01-072 STA. 1900+75
SEE DWG. 000-03-01-074 STA. 1927+13
WETLAND NWI-332
WETLAND 060117_MB_1001_PFO
WETLAND 060117_MB_1001_PFO - 1
WETLAND 060117_MB_1001_PFO - 2
WETLAND 060117_MB_1001_PEM
WATERBODY 060117_MB_1001_P_MI
WETLAND 060217_MB_1001_PEM
WETLAND 060217_MB_1001_PFO
WETLAND 060217_MB_1003_PEM
WETLAND 060217_MB_1004_PUB
WETLAND NWI-424
STREAM PA-NHD-049
UNNAMED ROAD
PROPOSED 36" PENNEAST PIPELINE
EXISTING PETROLEUM LINES (BUCKEYE PARTNERS, LP)
UTILITY EASEMENT
EXISTING OVERHEAD LINE
PE-CA-113.000
PE-CA-114.000
PE-CA-115.000
WETLAND 050615_JC_1001_PFO - 1
WETLAND 060217_MB_1002_PEM
WETLAND 060217_MB_1002_PFO
1900+00
1905+00
1910+00
1915+00
1920+00
1925+00
30'
35'
45'
65'
90'
105'
20'
1600'
1610'
SmB
LtA
Hy
DrA
McB
HvB
AtB
ShA
SCALE: 1" = 100'
100 50 0 100
N

LAND USE	UF					OL/ROW	
WATERSHED NAME	YELLOW RUN						
WATERSHED CLASSIFICATION	EV, MF						
SOILS	SmB	LtA	Hy	SmB	DrA	SmB	
WATERBODY CROSSING METHOD			060117_MB_1001_P_MI I: DPX II: FX III: CD				
CLASS LOCATION	CLASS I						
DESIGN FACTOR	0.72						
MAOP	1480 PSIG						

PROFILE

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
MICHAEL DENICHILO
PE086513

10/25/2019

811 Know what's below. Call before you dig.

LAND USE		MATERIAL		
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION
2. COMMERCIAL / INDUSTRIAL (CI)				
3. UPLAND FOREST (UF)				
4. INSTITUTIONAL (IN)				
5. URBAN (UR)				
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)				
7. RESIDENTIAL (RE)				
8. ROADWAYS / RAILROADS (RD)				
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)				

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT

SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 1900+75 TO STA. 1927+13

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-073	B

OWNERSHIP / FOOTAGE	1927+13	PE-CA-115.000 2629'
STATIONING		1929+14 EDGE OF WETLAND 050615_JC_1001_PFO 1929+51 EDGE OF WETLAND 050615_JC_1001_PFO 1930+21 EDGE OF WETLAND 050615_JC_1001_PFO 1941+08 EDGE OF WETLAND 050615_JC_1001_PFO 1942+16 P.I. - 44°48'14" RT 1942+67 CENTERLINE OF BUCKEYE PARTNERS, LP PIPELINE 1943+16 P.I. - 45°10'50" LT 1950+01 P.I. - 1°07'02" LT

CARBON COUNTY, PENNSYLVANIA
M.P. 36.5R3
M.P. 37.0R3
EXISTING OVERHEAD LINE
UTILITY EASEMENT
PE-CA-115.000
PE-CA-114.000
UNNAMED ROAD
WETLAND 050615_JC_1001_PFO - 1
WETLAND 050615_JC_1001_PFO - 2
WETLAND 050615_JC_1001_PFO
WETLAND 060217_MB_1002_PEM
WETLAND 060217_MB_1002_PFO
WETLAND 011116_GM_1001_PFO
WETLAND NWI-387
WATERBODY 050615_JC_1002_I_MI
WATERBODY 010816_DB_1001_I_MI
EXISTING OIL LINE (BUCKEYE PARTNERS, LP)
EXISTING PETROLEUM LINES (BUCKEYE PARTNERS, LP)
PROPOSED 36" PENNEAST PIPELINE
SEE DWG. 000-03-01-073 STA. 1927+13
STA. 1953+44 SEE DWG. 000-03-01-075
1925+00
1935+00
1940+00
1945+00
1950+00
1955+00
90'
105'
20'
55'
80'
1600'
1610'
1590'
ArB
SmB
AtB
AsA
LtA
AbA
AbB2
DrA
SCALE: 1" = 100'
100 50 0 100

LAND USE		OL/ROW		UF		
WATERSHED NAME		YELLOW RUN				
WATERSHED CLASSIFICATION		EV, MF				
SOILS		SmB	LtA	AtB	AbA	AsA
WATERBODY CROSSING METHOD						
CLASS LOCATION		CLASS I				
DESIGN FACTOR		0.72				
MAOP		1480 PSIG				

PROFILE

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER MICHAEL DENICHILO PE086513

10/25/2019

811 Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT

SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 1927+13 TO STA. 1953+44

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-074	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATA\PROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-074.DWG 2019/10/17 KAD49854

OWNERSHIP / FOOTAGE	1953+44	PE-CA-115.000 576'	1959+20	PE-CA-116.000 2066'	1979+90

STATIONING

- 1956+37 P.I.~ 7°42'13" RT
- 1959+20 PROPERTY LINE
- 1959+60 P.I.~ 14°28'39" RT
- 1959+76 EDGE OF WETLAND 061615_DB_1002_PFO
- 1960+00 P.I.~ 14°28'39" LT
- 1963+21 EDGE OF WETLAND 061615_DB_1002_PFO
- 1968+09 P.I.~ 7°53'06" LT
- 1971+97 P.I.~ 11°14'59" RT
- 1972+37 P.I.~ 11°15'02" RT
- 1972+77 P.I.~ 11°14'59" RT
- 1973+17 P.I.~ 11°15'00" RT
- 1975+16 CENTERLINE OF PPL ELECTRIC UTILITIES CORP. OVERHEAD LINE
- 1977+20 CENTERLINE OF BUCKEYE PARTNERS, LP PIPELINE
- 1977+31 CENTERLINE OF BUCKEYE PARTNERS, LP PIPELINE
- 1977+51 EDGE OF WATERBODY 061615_DB_1001_I_MI
- 1977+58 EDGE OF WATERBODY 061615_DB_1001_I_MI

M.P.
37.0R3
UNNAMED ROAD
WETLAND
081715_MK_040_PSS
WETLAND
061615_DB_1003_PSS
EQUATION
1960+00 Back
1960+04 Ahead
Diff. = -4'
CARBON COUNTY, PENNSYLVANIA
PE-CA-116.000
PE-CA-115.000
EXISTING OVERHEAD LINE
UTILITY EASEMENT
N
1610'
25'
20'
1950+00
1955+00
55'
100'
75'
1960+00
SEE DWG: 000-03-01-074
STA. 1953+44
UTILITY EASEMENT
30'
45'
WETLAND
061615_DB_1002_PFO
35'
60'
85'
1965+00
90'
65'
35'
65'
65'
1970+00
PROPOSED 36" PENNEAST PIPELINE
ESCGP
OH
AsA
AbA
HvB
PE-CA-116.000
EXISTING
OVERHEAD LINE
EXISTING OVERHEAD LINE
(PPL ELECTRIC UTILITIES CORP.)
UTILITY EASEMENT
1600'
1590'
1975+00
60'
WETLAND
061615_DB_1001_PEM
90'
30'
45'
WATERBODY
061615_DB_1001_I_MI
EXISTING PETROLEUM LINES
(BUCKEYE PARTNERS, LP)
UTILITY EASEMENT
M.P.
37.5
STA. 1979+90
SEE DWG: 000-03-01-076
60'
1580'
1570'
PE-CA-116.000
PE-CA-117.000
SCALE: 1" = 100'
100 50 0 100

LAND USE		UF			OL/ROW	RD	OL/ROW	UF	OL/ROW	UF	
WATERSHED NAME		YELLOW RUN	WILD CREEK								
WATERSHED CLASSIFICATION		EV, MF	EV, MF								
SOILS		AsA	AbA								
WATERBODY CROSSING METHOD			061615_DB_1001_I_MI I: DPX II: FX III: DX-NF								
CLASS LOCATION		CLASS I									
DESIGN FACTOR		0.72									
MAOP		1480 PSIG									

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE086513

10/25/2019

Know what's below. Call before you dig.

LAND USE		MATERIAL			REFERENCE DRAWINGS	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE
2. COMMERCIAL / INDUSTRIAL (CI)					000-01-01-001B	TABLE OF CONTENTS AND LEGEND
3. UPLAND FOREST (UF)						
4. INSTITUTIONAL (IN)						
5. URBAN (UR)						
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)						
7. RESIDENTIAL (RE)						
8. ROADWAYS / RAILROADS (RD)						
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)						

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT

SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 1953+44 TO STA. 1979+90

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-075	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATAPROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-075.DWG2019/10/17 KAD49854

OWNERSHIP / FOOTAGE	1979+90	PE-CA-116.000 108'	1980+98	PE-CA-117.000 2532'	2006+30

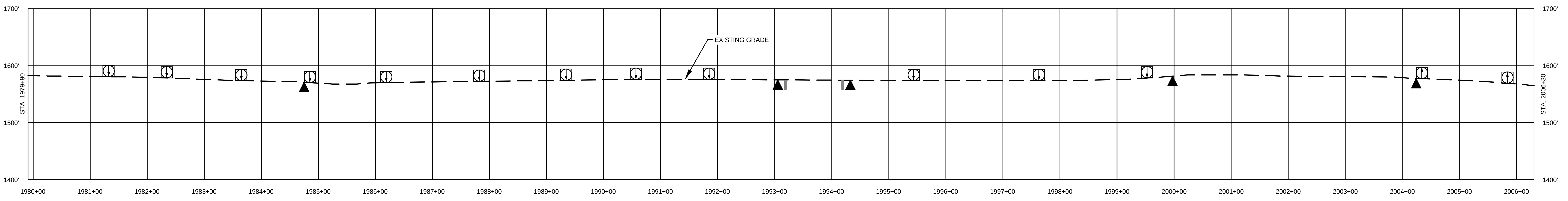
STATIONING

1980+65 P.I.~ 12°19'59" LT
1980+98 PROPERTY LINE
1981+05 P.I.~ 12°19'59" LT
1981+45 P.I.~ 12°19'57" LT
1981+85 P.I.~ 12°20'01" LT
1982+25 P.I.~ 12°19'58" LT
1993+54 EDGE OF PAVEMENT
1993+66 CENTERLINE OF RESERVOIR RD/HATCHERY ROAD
1993+77 EDGE OF PAVEMENT
1993+81 EDGE OF GRAVEL
1993+83 CENTERLINE OF PP&L OVERHEAD LINE
2000+87 EXISTING WALL

CARBON COUNTY, PENNSYLVANIA
M.P. 37.5
M.P. 38.0
061615_DB_1001_PEM WETLAND
WATERBODY 061615_DB_1001_I_MI
SEE DWG. 000-03-01-075 STA. 1979+90
SEE DWG. 000-03-01-077 STA. 2006+30
PE-CA-116.000
PE-CA-117.000
PE-CA-118.000
PE-CA-119.000
PE-CA-120.000
PE-CA-121.000
EXISTING PETROLEUM LINES (BUCKEYE PARTNERS, LP)
UTILITY EASEMENT
UNNAMED ROAD
RESERVOIR ROAD/HATCHERY ROAD
EXISTING OVERHEAD LINES
STONE WALL
PROPOSED 36" PENNEAST PIPELINE
STREAM PA-NHD-050
LAT: 40° 56' 22.58" N
LONG: 75° 38' 6.01" W
LAT:40° 56' 21.35" N
LONG:75° 38' 5.68" W
1985+00
1990+00
1995+00
2000+00
2005+00
ESCGP
90'
30'
45'
60'
75'
115'
65'
35'
1560'
1570'
1580'
1590'
HvB
AbA
HvD
SCALE: 1" = 100'
100
50
0
100

LAND USE		UF	RD	UF
WATERSHED NAME		WILD CREEK		
WATERSHED CLASSIFICATION		EV, MF		
SOILS		AbA	HvB	
WATERBODY CROSSING METHOD				
CLASS LOCATION		CLASS I		
DESIGN FACTOR		0.72		
MAOP		1480 PSIG		

PROFILE



MICHAEL DENICHILO
PE086513
10/25/2019

Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL

TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS

DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS

NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS

DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT

SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 1979+90 TO STA. 2006+30

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-076	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATA\PROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-076.DWG2019/10/17 KAD49854

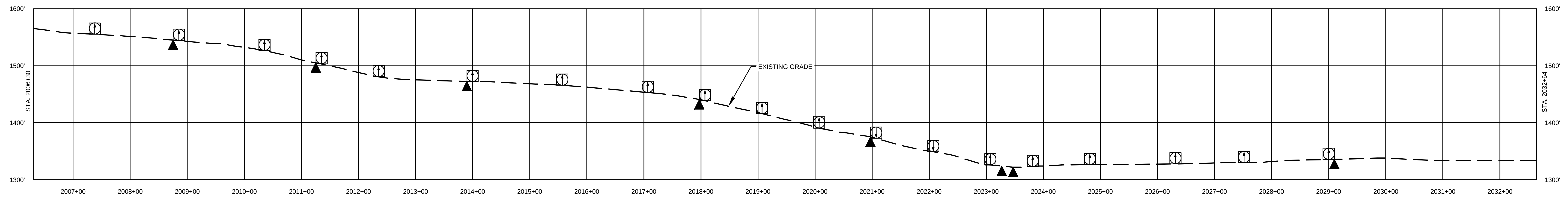
OWNERSHIP / FOOTAGE
2006+30 | PE-CA-117.000 2634' | 2032+64

STATIONING
2007+00 EXISTING WALL
2007+07 P.I.~ 16°43'37" RT
2007+19 EXISTING WALL
2009+72 EXISTING WALL
2023+32 EDGE OF WATERBODY 061615_DB_1002_P_IN
2023+42 EDGE OF WATERBODY 061615_DB_1002_P_IN
2023+50 CENTERLINE OF STREAM
2024+99 EDGE OF DIRT
2025+05 CENTERLINE OF PRIVATE FIELD RD
2025+11 EDGE OF DIRT
2028+32 P.I.~ 1°55'46" LT
2029+18 P.I.~ 22°46'04" LT
2029+89 P.I.~ 25°02'17" LT

CARBON COUNTY, PENNSYLVANIA
M.P. 38.0
M.P. 38.5
PE-CA-117.000
PE-CA-123.000
STONE WALL
UTILITY EASEMENT
EXISTING PETROLEUM LINES (BUCKEYE PARTNERS, LP)
PROPOSED 36" PENNEAST PIPELINE
WETLAND NWI-367
STREAM PA-NHD-051
WATERBODY 061615_DB_1002_P_IN
SEE DWG. 000-03-01-076 STA. 2006+30
STA. 2032+64 SEE DWG. 000-03-01-078
2005+00
2010+00
2015+00
2020+00
2025+00
2030+00
115'
65'
45'
30'
LkD
BhB
AcB
HvB
HvD
KvF
TmB
LdB
ESCGP
SCALE: 1" = 100'
100 50 0 100

LAND USE	UF					RD	UF
WATERSHED NAME	WILD CREEK						
WATERSHED CLASSIFICATION	EV, MF						
SOILS	HvB	KvF	LkD	HvD	LkD	TmB	AcB
WATERBODY CROSSING METHOD						061615_DB_1002_P_IN I: DPX II: FX III: CD	
CLASS LOCATION	CLASS I						
DESIGN FACTOR	0.72						
MAOP	1480 PSIG						

PROFILE



MICHAEL DENICHILO
PE086513
10/25/2019

Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL

TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS

DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS

NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS

	DATE
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT

SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 2006+30 TO STA. 2032+64

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-077	B

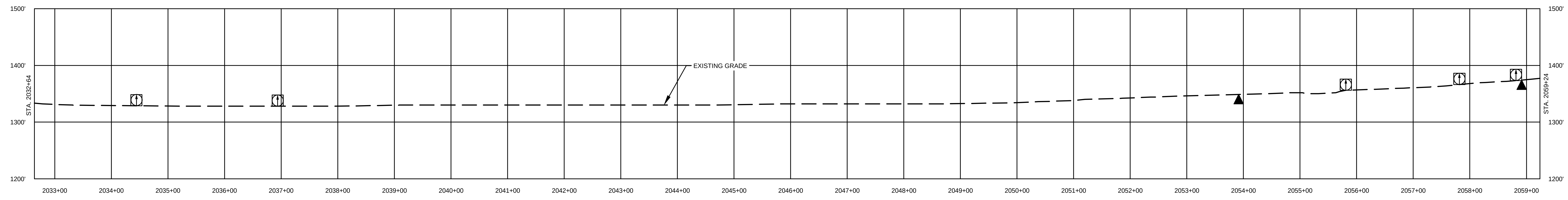
G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATA\PROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-077.DWG 2019/10/17 KAD49854

OWNERSHIP / FOOTAGE	2032+64	PE-CA-117.000 323'	2035+87	PE-CA-123.000 2337'	2059+24
STATIONING	2035+87 PROPERTY LINE			

CARBON COUNTY, PENNSYLVANIA
M.P. 38.5
M.P. 39.0
PE-CA-122.000
PE-CA-123.000
PE-CA-117.000
UTILITY EASEMENT
EXISTING PETROLEUM LINES (BUCKEYE PARTNERS, LP)
PROPOSED 36" PENNEAST PIPELINE
SEE DWG. 000-03-01-077 STA. 2032+64
STA. 2059+24 SEE DWG. 000-03-01-079
2030+00
2035+00
2040+00
2045+00
2050+00
2055+00
2060+00
30'
65'
AcB
LdB
KvF
1300'
1310'
1320'
1330'
1340'
1350'
1360'
1370'
1380'
1390'
1400'
1410'
1420'
1430'
1440'
1450'
1460'
1470'
SCALE: 1" = 100'
100 50 0 100

LAND USE	UF	
WATERSHED NAME	WILD CREEK	
WATERSHED CLASSIFICATION	EV, MF	
SOILS	AcB	LdB
WATERBODY CROSSING METHOD		
CLASS LOCATION	CLASS I	
DESIGN FACTOR	0.72	
MAOP	1480 PSIG	

PROFILE



COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL MICHAEL DENICHILO ENGINEER PE086513

10/25/2019

Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 2032+64 TO STA. 2059+24

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-078	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPC\MDATA\PROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-078.DWG2019/10/17 KAD49854

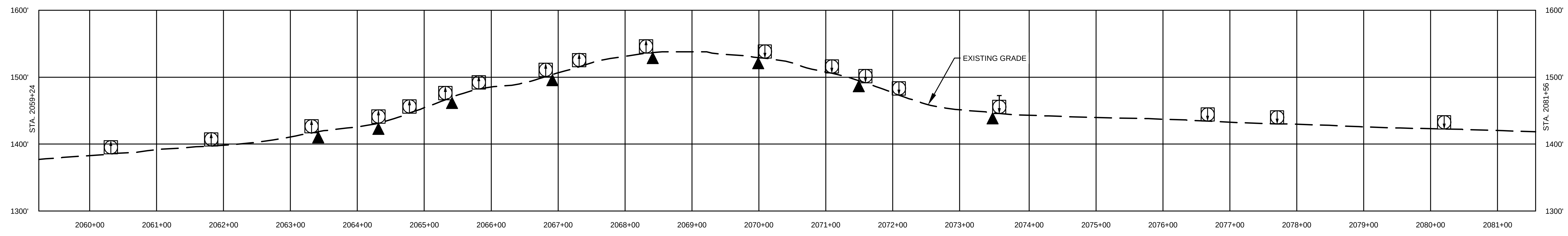
G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATA\PROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-079.DWG2019/10/17 KAD49854

OWNERSHIP / FOOTAGE	2059+24 · PE-CA-123.000 2236' · 2081+56
STATIONING	2062+13 P.I.- 2°42'21" LT 2063+07 P.I.- 5°25'11" RT 2064+09 P.I.- 4°49'32" RT 2066+12 P.I.- 2°06'31" LT 2070+33 P.I.- 1°06'58" RT 2070+36 EXISTING WALL 2070+45 EXISTING WALL 2071+22 P.I.- 1°06'20" LT 2073+65 P.I.- 55°43'55" LT 2073+91 EDGE OF GRAVEL 2073+96 CENTERLINE OF UNNAMED ROAD 2074+01 EDGE OF GRAVEL 2074+09 CENTERLINE OF BUCKEYE PARTNERS, LP PIPELINE 2074+21 CENTERLINE OF BUCKEYE PARTNERS, LP PIPELINE 2074+39 CENTERLINE OF BUCKEYE PARTNERS, LP PIPELINE

M.P. 39.0
CARBON COUNTY, PENNSYLVANIA
M.P. 39.4R2
PE-CA-123.000
UTILITY EASEMENT
EXISTING PETROLEUM LINES (BUCKEYE PARTNERS, LP)
PROPOSED 36" PENNEAST PIPELINE
STONE WALL
SEE DWG. 000-03-01-078 STA. 2059+24
STA. 2081+56 SEE DWG. 000-03-01-080
STREAM PA-NHD-054
LdB
KvF
DeD
HvB
DeF
2060+00
2070+00
2075+00
2080+00
30'
35'
60'
65'
90'
45'
SCALE: 1" = 100'
100 50 0 100

LAND USE	UF · OL/ROW · UF · OL/ROW · UF · OL/ROW · UF
WATERSHED NAME	WILD CREEK · PINE RUN
WATERSHED CLASSIFICATION	EV, MF · EV, MF
SOILS	LdB · KvF · DeD · HvB · DeD · HvB
WATERBODY CROSSING METHOD	
CLASS LOCATION	CLASS I · CLASS I
DESIGN FACTOR	0.72 · 0.72
MAOP	1480 PSIG

PROFILE



MICHAEL DENICHILO
PE086513
10/25/2019

811
Know what's below. Call before you dig.

LAND USE		MATERIAL			REFERENCE DRAWINGS	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE
2. COMMERCIAL / INDUSTRIAL (CI)					000-01-01-001B	TABLE OF CONTENTS AND LEGEND
3. UPLAND FOREST (UF)						
4. INSTITUTIONAL (IN)						
5. URBAN (UR)						
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)						
7. RESIDENTIAL (RE)						
8. ROADWAYS / RAILROADS (RD)						
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)						

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 2059+24 TO STA. 2081+56

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-079	B

OWNERSHIP / FOOTAGE	2081+56	PE-CA-123.000 2204'	2103+60	PE-CA-124.000 332'	2106+92

STATIONING

2086+04 P.I. - 59°33'46" RT

2099+62 P.I. - 7°15'07" RT

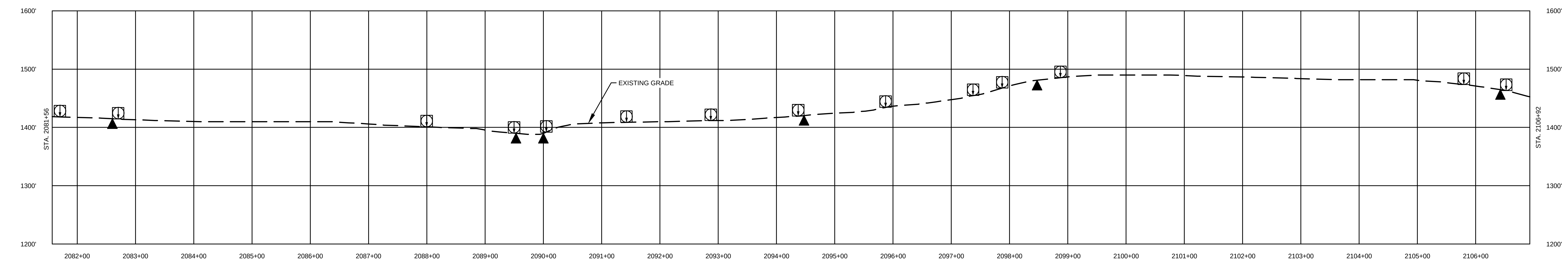
2103+58 EDGE OF DIRT
2103+60 CENTERLINE OF TRAIL
2103+60 PROPERTY LINE
2103+63 EDGE OF DIRT

2105+59 P.I. - 7°24'13" LT

CARBON COUNTY, PENNSYLVANIA
M.P. 39.4R2
M.P. 39.9R2
EXISTING OVERHEAD LINES (PPL ELECTRIC UTILITIES CORP.)
UTILITY EASEMENT
PROPOSED 36" PENNEAST PIPELINE
STREAM PA-NHD-054
PE-CA-123.000
PE-CA-124.000
PE-CA-125.000
SEE DWG. 000-03-01-079 STA. 2081+56
STA. 2106+92 SEE DWG. 000-03-01-081
2095+00
2100+00
2105+00
2110+00
35'
30'
60'
90'
45'
65'
115'
1400'
1410'
1420'
1430'
1440'
1450'
1460'
1470'
1480'
1490'
1500'
1510'
1370'
1380'
1390'
HvB
ArB
DeD
DeF
SCALE: 1" = 100'
100 50 0 100

LAND USE	UF
WATERSHED NAME	PINE RUN
WATERSHED CLASSIFICATION	EV, MF
SOILS	HvB · ArB · HvB · DeD
WATERBODY CROSSING METHOD	
CLASS LOCATION	CLASS I
DESIGN FACTOR	0.72
MAOP	1480 PSIG

PROFILE



MICHAEL DENICHILO
PE086513

10/25/2019

LAND USE		MATERIAL			REFERENCE DRAWINGS	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE
2. COMMERCIAL / INDUSTRIAL (CI)					000-01-01-001B	TABLE OF CONTENTS AND LEGEND
3. UPLAND FOREST (UF)						
4. INSTITUTIONAL (IN)						
5. URBAN (UR)						
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)						
7. RESIDENTIAL (RE)						
8. ROADWAYS / RAILROADS (RD)						
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)						

Know what's below. Call before you dig.

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
CARBON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 2081+56 TO STA. 2106+92

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-080	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATA\PROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-080.DWG 2019/10/17 KAD49854