



B.M. Elev. 893.40
148' NW of Survey # Sta. 12+00
Spike in Root of 14" Oak

B.M. Elev. 902.09
145' N.W. of Survey # Sta. 21+67.13
Spike in Base of 10" Pine

Constr. #
P.I. Sta. 22+11.37
Δ = 25° 24' 14" Lt.
D = 27° 30' 00"
T = 46.96'
L = 92.38'
R = 208.35
E = 5.23'
P.C. Sta. 21+64.41
P.T. Sta. 22+56.79

Survey #
P.I. Sta. 21+67.13
Δ = 20° 13' 07" Lt.

End
Limit of Grading
& Revegetation

Begin
Limit of Grading
& Revegetation

Limit of Grading
& Revegetation

Back-fill Apparent
Croppfall at Weir

Exist. Weir
(To Be Removed)

Constr. #
P.I. Sta. 12+60.00
Δ = 30° 25' 16" Rt.
D = 40° 00' 00"
T = 38.95'
L = 76.05'
R = 143.24'
E = 5.20'
P.C. Sta. 12+21.05
P.T. Sta. 12+97.10

Survey #
P.I. Sta. 12+00.00
Δ = 25° 01' 18" Rt.

Constr. #
P.I. Sta. 15+98.89
Δ = 1° 28' 15" Rt.
D = 1° 15' 00"
T = 58.84'
L = 117.67'
R = 4583.66'
E = 0.38'
P.C. Sta. 15+40.05
P.T. Sta. 16+57.72

Survey #
P.I. Sta. 16+00.00
Δ = 5° 06' 55" Rt.

Constr. #
P.I. Sta. 19+57.72
Δ = 5° 01' 14" Rt.
D = 3° 45' 00"
T = 66.98'
L = 133.88'
R = 1527.89'
E = 1.47'
P.C. Sta. 18+90.74
P.T. Sta. 20+24.62

B.M. Elev. 888.62
141' West of Survey # Sta. 32+31.26
Spike in Root of 10" Black Oak

Constr. #
P.I. Sta. 25+51.50
Δ = 17° 51' 32" Lt.
D = 12° 30' 00"
T = 72.02'
L = 142.87'
R = 458.37'
E = 5.62'
P.C. Sta. 24+79.48
P.T. Sta. 26+22.35

Survey #
P.I. Sta. 25+13.06
Δ = 19° 19' 27" Lt.

Survey #
P.I. Sta. 32+31.26
Δ = 25° 00' 33" Lt.

Constr. #
P.I. Sta. 34+76.43
Δ = 32° 18' 06" Lt.
D = 40° 00' 00"
T = 41.48'
L = 80.75'
R = 143.24'
E = 5.89'
P.C. Sta. 32+34.95
P.T. Sta. 33+15.70

Constr. #
P.I. Sta. 34+76.35
Δ = 34° 59' 41" Lt.
D = 40° 00' 00"
T = 45.16'
L = 87.49'
R = 143.24'
E = 6.95'
P.C. Sta. 34+31.19
P.T. Sta. 35+18.68

Clear Existing Channel
To Twp. Rd. 571
(600' ±)
End Riprap
Sta. 35+75
Riprap Channel
Erosion Protection
(Rock 1'-0" Min. Dim.)
End Lined Channel
Sta. 35+50.00
Middle Creek

NO.	DATE	REVISION	APPR.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF ENGINEERING AND CONSTRUCTION
PROJECT NO. SL-126-2-7
MINE DRAINAGE
POLLUTION ABATEMENT
SWATARA CREEK WATERSHED
SCHUYLKILL COUNTY
BERGER ASSOCIATES, INC.
Consulting Engineers
P.O. Box 1943 Harrisburg, Penna.

PLAN
MIDDLE CREEK
CHANNEL LINING

DRAWN BY M.G.	DATE Mar. 19, 1973	DRAWING NO.
CHECKED BY M.W.	SCALE 1" = 50'	15 of 40

For 1" = 100' Area Plan See Sheet No. 14
For Channel Profile See Sheet No. 19