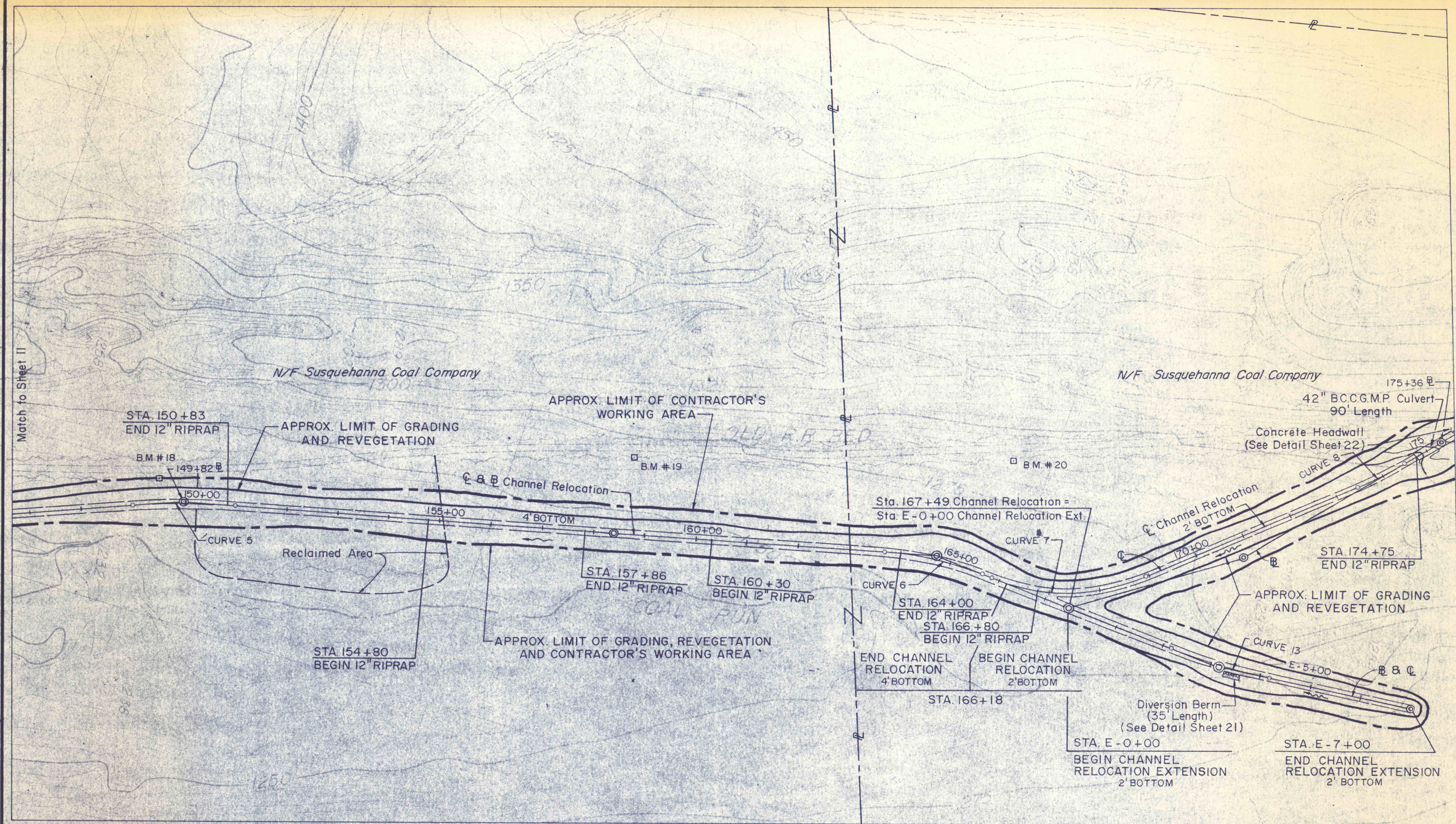


B.M. # 18 Elevation 1246.70
Spike & Washers in top of 12" Oak Stump

B.M. # 19 Elevation 1271.51
Spike & Washers in top of 8" Birch Stump

B.M. # 20 Elevation 1294.83
Spike & Washers in top of 4" Maple Stump



CURVE 5
PC Sta. 148+99 \mathcal{C}
PT Sta. 150+99 \mathcal{C}
T = 100.30'
 Δ = 9°
R = 1273.2'

CURVE 6
PC Sta. 163+68 \mathcal{C}
PT Sta. 165+68 \mathcal{C}
T = 101.10'
 Δ = 16°30'
R = 695.1'

CURVE 7
PC Sta. 165+86 \mathcal{C}
PT Sta. 168+95 \mathcal{C}
T = 162.4'
 Δ = 45°
R = 383.1'

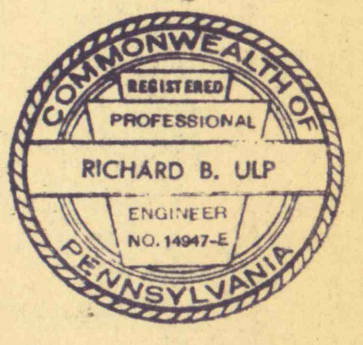
CURVE 8
PC Sta. 173+45 \mathcal{C}
PT Sta. 174+45 \mathcal{C}
T = 50.23'
 Δ = 11°
R = 522'

CURVE 13
PC Sta. E-2+18 $\mathcal{B} \& \mathcal{C}$
PT Sta. E-4+18 $\mathcal{B} \& \mathcal{C}$
T = 100.3'
 Δ = 8°24'
R = 1364.5'

Match to Sheet II

Match to Sheet 18

NO.	DATE	REVISION	APPR.
SUBMITTED			
APPROVED			
APPROVED			



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. SL 113-5-1

MINE DRAINAGE POLLUTION ABATEMENT
COAL RUN
SHAMOKIN CREEK WATERSHED
NORTHUMBERLAND COUNTY, PA.

ERDMAN, ANTHONY, ASSOCIATES
Consulting Engineers
Camp Hill, Pa. Rochester, N.Y.

PLAN

DRAWN BY	DATE	DRAWING NO.
GMS	5-9-75	16 of 28
CHECKED BY	SCALE	
DHC	1" = 100'	