

12" RIPRAP REQUIRED
STA. 14+56 TO STA. 22+00

P.V.I. STA. 22+00
ELEV. 1407.8 ±

2% SLOPE

5% SLOPE

P.V.I. STA. 14+76
ELEV. 1371.5 ±

PROPOSED
INVERT

Existing Ground Line

1% SLOPE

P.V.I. STA. 10+16
ELEV. 1367.4 ±

4% SLOPE

P.V.I. STA. 5+10
ELEV. 1348.1 ±

3% SLOPE

P.V.I. STA. 2+05
ELEV. 1359.5 ±

0.5% SLOPE

INVERT 1338.5±

CULVERT

DATUM 1330

0 2+00 4+00 6+00 8+00 10+00 12+00 14+00 16+00 18+00 20+00 22+00 24+00 26+00 27+40

SOUTH DIVERSION DITCH

INVERT 1438.0±

12" RIPRAP REQUIRED
STA. 7+45 TO STA. 20+30

P.V.I. STA. 24+05
ELEV. 1432.8 ±

0.5% SLOPE

P.V.I. STA. 20+30
ELEV. 1428.0 ±

2.5% SLOPE

P.V.I. STA. 17+26
ELEV. 1412.8 ±

P.V.I. STA. 15+80
ELEV. 1408.0 ±

5% SLOPE

P.V.I. STA. 14+58
ELEV. 1407.0 ±

1% SLOPE

3.25% SLOPE

Existing Ground Line

3% SLOPE

PROPOSED
INVERT

P.V.I. STA. 7+65
ELEV. 1387.6 ±

2% SLOPE

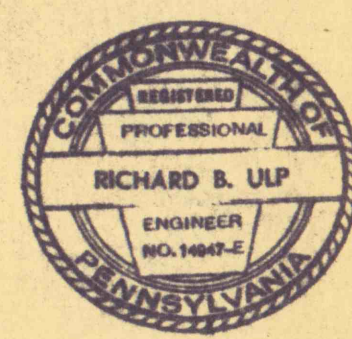
INVERT 1372.5±

DATUM 1360

0 2+00 4+00 6+00 8+00 10+00 12+00 14+00 16+00 18+00 20+00 22+00 24+00 24+80

NORTH DIVERSION DITCH

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.

PROFILES

DRAWN BY LAM	DATE 5-9-75	DRAWING NO. 20 of 28
CHECKED BY DHC	SCALE 1" = 10' VERT. 1" = 100' HOR.	

DRAWING 44-142 25788