

SCHUYLKILL COUNTY

**CURVE NO. 3B**  
 PI No. 3B N 12,259.50  
 E 10,546.00  
 $\Delta = 39^\circ 57' 52''$   
 $D = 22^\circ 55' 6''$   
 $R = 250'$   
 $T = 90.9'$   
 $L = 174.38'$   
 PC Sta. = 7+47.31  
 PT Sta. = 9+21.63

**CURVE NO. 2B**  
 PI No. 2B N 11,941.00  
 E 10,523.00  
 $\Delta = 2^\circ 43' 8''$   
 $D = 2^\circ 51' 53''$   
 $R = 2,000'$   
 $T = 47.46'$   
 $L = 95.07'$   
 PC Sta. = 4+71.27  
 PT Sta. = 5+66.34

**P.O.T. NO. 2B**  
 N 12,372.00  
 E 10,655.00  
 Sta. = 9+87.43

**GENERAL NOTES:**

- All elevations shown are based on Pennsylvania Department of Environmental Resources Datum. Elevations of the features are to be taken from the Bench marks shown.
- Minor adjustments in alignment and grade may be made by the Engineer to suit field conditions.
- The Contractor shall, where directed, fill and/or grade areas adjacent to new construction for drainage.
- Spoil areas shall be secured by the Contractor.
- No. Indicates payment item.
- Existing contours within construction area are shown dashed.
- Concrete Notes are shown on appropriate drawings.
- All disturbed areas within the Contractor's working area and access must be regraded, revegetated and restored to at least the existing condition.

**REFERENCES:**

- For Profiles, see Dwg. No. 4.
- For Cross sections, see Dwg. No's. 6 thru 9.
- For detail plan of headwork modifications, see Dwg. No. 5.
- For Details, see Dwg. No. 10.

**TRAVERSE DATA**

Traverse Station	Coordinates	
	North	East
11+76.20	11,026.72	10,102.41
13+98.79	11,229.79	10,133.57
17+16.88	11,483.55	10,385.33
20+95.12	11,833.01	10,530.04
24+11.03	12,148.35	10,549.11
25+07.08	12,241.36	10,573.06
27+09.62	12,402.31	10,695.98
34+27.04	12,258.14	10,535.16
37+94.66	11,891.40	10,509.67
41+88.89	11,732.31	10,148.88
45+47.50	11,433.93	9,949.92
47+97.17	11,310.80	9,732.67

BENCH MARKS		
No.	Elev.	Location and Description
1	755.82	Corner concrete wall - existing headwork
2	730.63	Corner of right wall - spillway from Lagoon No. 2

**P.O.T. NO. 1C**  
 N 11,000.00  
 E 10,105.50  
 Sta. = 0+00

**CURVE NO. 1C**  
 PI No. 1C N 11,157.80  
 E 10,300.50  
 $\Delta = 47^\circ 04' 07''$   
 $D = 19^\circ 05' 55''$   
 $R = 300'$   
 $T = 130.66'$   
 $L = 246.45'$   
 PC Sta. = 1+20.19  
 PT Sta. = 3+66.64

**CURVE NO. 2C**  
 PI No. 2C N 11,375.00  
 E 10,315.50  
 $\Delta = 47^\circ 25' 29''$   
 $D = 38^\circ 11' 50''$   
 $R = 150'$   
 $T = 65.88'$   
 $L = 124.16'$   
 PC Sta. = 3+87.82  
 PT Sta. = 5+11.98

**P.O.T. NO. 2C**  
 N 11,454.50  
 E 10,415.00  
 Sta. = 5+73.46

**P.O.T. NO. 1B**  
 N 11,452.00  
 E 10,416.50  
 Sta. = 0+00

**CURVE NO. 1B**  
 PI No. 1B N 11,485.00  
 E 10,471.00  
 $\Delta = 52^\circ 16' 58''$   
 $D = 100^\circ 31' 08''$   
 $R = 57'$   
 $T = 27.97'$   
 $L = 52.01'$   
 PC Sta. = 0+35.74  
 PT Sta. = 0+87.75

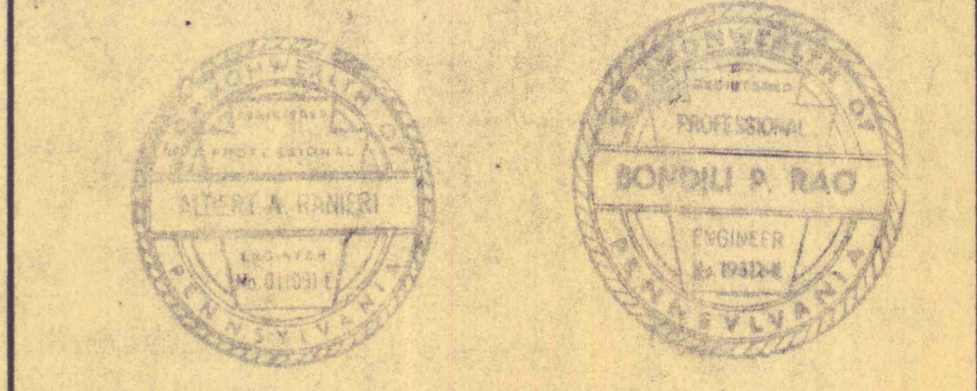
**P.O.T. NO. 1A**  
 N 11,275.50  
 E 9,750.20  
 Sta. = 0+00

**CURVE NO. 1A**  
 PI No. 1A N 11,310.00  
 E 10,097.00  
 $\Delta = 18^\circ 03' 34''$   
 $D = 04^\circ 35' 01''$   
 $R = 1250'$   
 $T = 198.89'$   
 $L = 394.00'$   
 PC Sta. = 1+49.62  
 PT Sta. = 5+43.62

**P.O.T. NO. 2A**  
 N 11,424.00  
 E 10,356.20  
 Sta. = 6+27.90

NO.	DATE	REVISION	APPR.
5-30-75		Added barricade, miscellaneous details, relocated access ramp, and revised alignment of levee "B".	

SUBMITTED: *[Signature]*  
 PROJECT CO-ORDINATOR  
 APPROVED: *[Signature]*  
 CHIEF - DIVISION OF MINE RECLAMATION  
 APPROVED: *[Signature]*  
 DIRECTOR - BUREAU OF DESIGN



COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL RESOURCES  
 OFFICE OF RESOURCES MANAGEMENT  
 CONTRACT NO. SL 112-8  
 MINE DRAINAGE POLLUTION ABATEMENT  
 HEADWORK MODIFICATIONS  
 AND FLOOD PROTECTION  
 RAUSCH CREEK TREATMENT PLANT  
 SCHUYLKILL CO. PENNSYLVANIA

PLAN  
 DRAWN BY: R. D.M.  
 DATE: 5-15-75  
 CHECKED BY: L.R.M.  
 SCALE: 1 in = 50 ft.  
 DRAWING NO.: 3 of 10