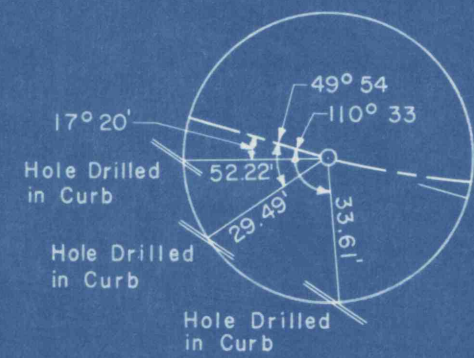
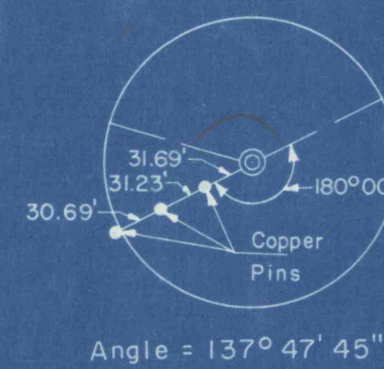


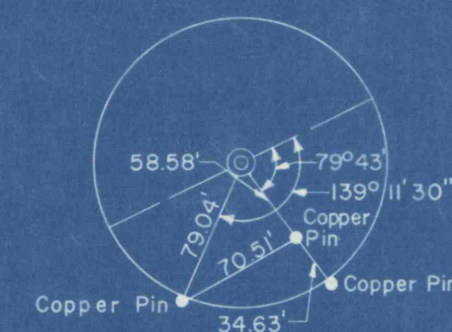
P.C. Sta. 108 + 15.55



P. I. Sta. 115 + 52.67



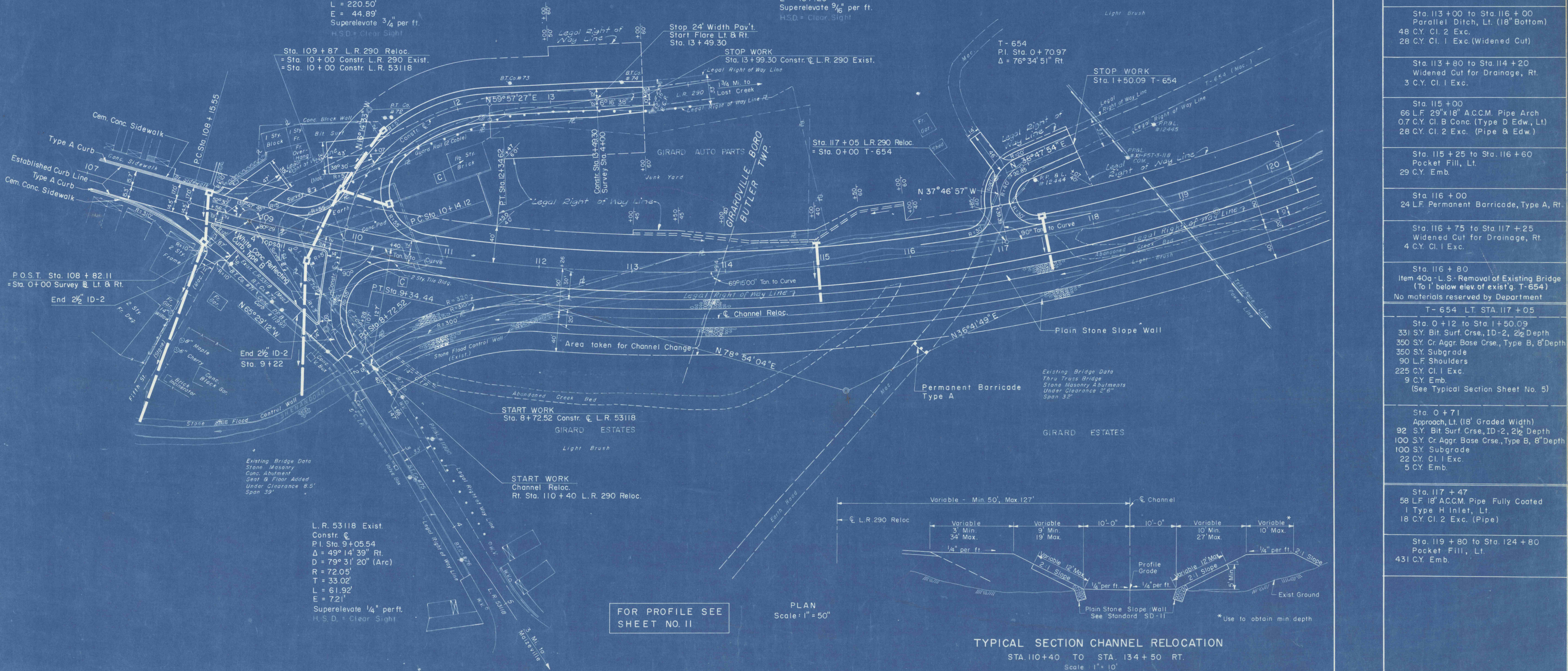
P.O.S.T. 442.95' Ah. of P. I.



L.R. 290 Exist.
Constr. $\frac{1}{4}$
P. I. Sta. 11 + 44.12
 $\Delta = 76^\circ 12' 00''$ Rt.
D = 34° 33' 26" (Arc)
R = 165.80'
T = 130.00'
L = 220.50'
E = 44.89'
Superelevate $\frac{3}{4}$ " per ft.
H.S.D. = Clear Sight

Survey #
P. I. Sta. 2 + 74.48
 $\Delta = 14^\circ 59' 00''$ Rt.
No Curve

P. I. Sta. 115 + 52.67
 $\Delta = 42^\circ 12' 15''$ Lt.
D = 3° 00'
R = 1910.08'
T = 737.12'
L = 1406.80'
E = 137.29'
Superelevate $\frac{9}{16}$ " per ft.
H.S.D. = Clear Sight



DISTRICT	COUNTY	ROUTE	SEC.	SHEET
5-0	SCHUYLKILL	290	19	10 of 33
GIRARDVILLE BORO., BUTLER TWP.				
FINAL QUANTITIES	REQUIRED LIST			
	Sta. 110 + 40 to Sta. 134 + 50 Channel Relocation, Rt. (20' Width) 2761 C.Y. Pl. Stone Slope Wall 13,048 C.Y. Cl. 1 Exc. 2108 C.Y. Emb. (For Typical Section, see this Sheet)			
	Sta. 110 + 50 to Sta. 112 + 05 Widened Cut for Drainage, Rt. 244 C.Y. Cl. 1 Exc.			
	Sta. 111 + 75 to Sta. 124 + 00 4' Overexc. 4322 C.Y. Cl. 1 Exc. 4322 C.Y. Emb. Backfill (For Details, see X-Sections)			
	Sta. 113 + 00 to Sta. 116 + 00 Parallel Ditch, Lt. (18" Bottom) 48 C.Y. Cl. 2 Exc. 28 C.Y. Cl. 1 Exc. (Widened Cut)			
	Sta. 113 + 80 to Sta. 114 + 20 Widened Cut for Drainage, Rt. 3 C.Y. Cl. 1 Exc.			
	Sta. 115 + 00 66 L.F. 29"x18" A.C.C.M. Pipe Arch 0.7 C.Y. Cl. B Conc. (Type D Edw., Lt.) 28 C.Y. Cl. 2 Exc. (Pipe & Edw.)			
	Sta. 115 + 25 to Sta. 116 + 60 Pocket Fill, Lt. 29 C.Y. Emb.			
	Sta. 116 + 00 24 L.F. Permanent Barricade, Type A, Rt.			
	Sta. 116 + 75 to Sta. 117 + 25 Widened Cut for Drainage, Rt. 4 C.Y. Cl. 1 Exc.			
	Sta. 116 + 80 Item 40a - L.S. Removal of Existing Bridge (To 1' below elev. of exist'g. T-654) No materials reserved by Department			
	T- 654 LT. STA. 117 + 05			
	Sta. 0 + 12 to Sta. 1 + 50.09 331 S.Y. Bit. Surf. Crse., ID-2, 2½ Depth 350 S.Y. Cr. Aggr. Base Crse., Type B, 8" Depth 350 S.Y. Subgrade 90 L.F. Shoulders 225 C.Y. Cl. 1 Exc. 9 C.Y. Emb. (See Typical Section Sheet No. 5)			
	Sta. 0 + 71 Approach, Lt. (18' Graded Width) 92 S.Y. Bit. Surf. Crse., ID-2, 2½ Depth 100 S.Y. Cr. Aggr. Base Crse., Type B, 8" Depth 100 S.Y. Subgrade 22 C.Y. Cl. 1 Exc. 5 C.Y. Emb.			
	Sta. 117 + 47 58 L.F. 18" A.C.C.M. Pipe Fully Coated 1 Type H Inlet, Lt. 18 C.Y. Cl. 2 Exc. (Pipe)			
	Sta. 119 + 80 to Sta. 124 + 80 Pocket Fill, Lt. 431 C.Y. Emb.			
Alignment Book No. 14461, 14475 Topography Book No. 14464, 14475				