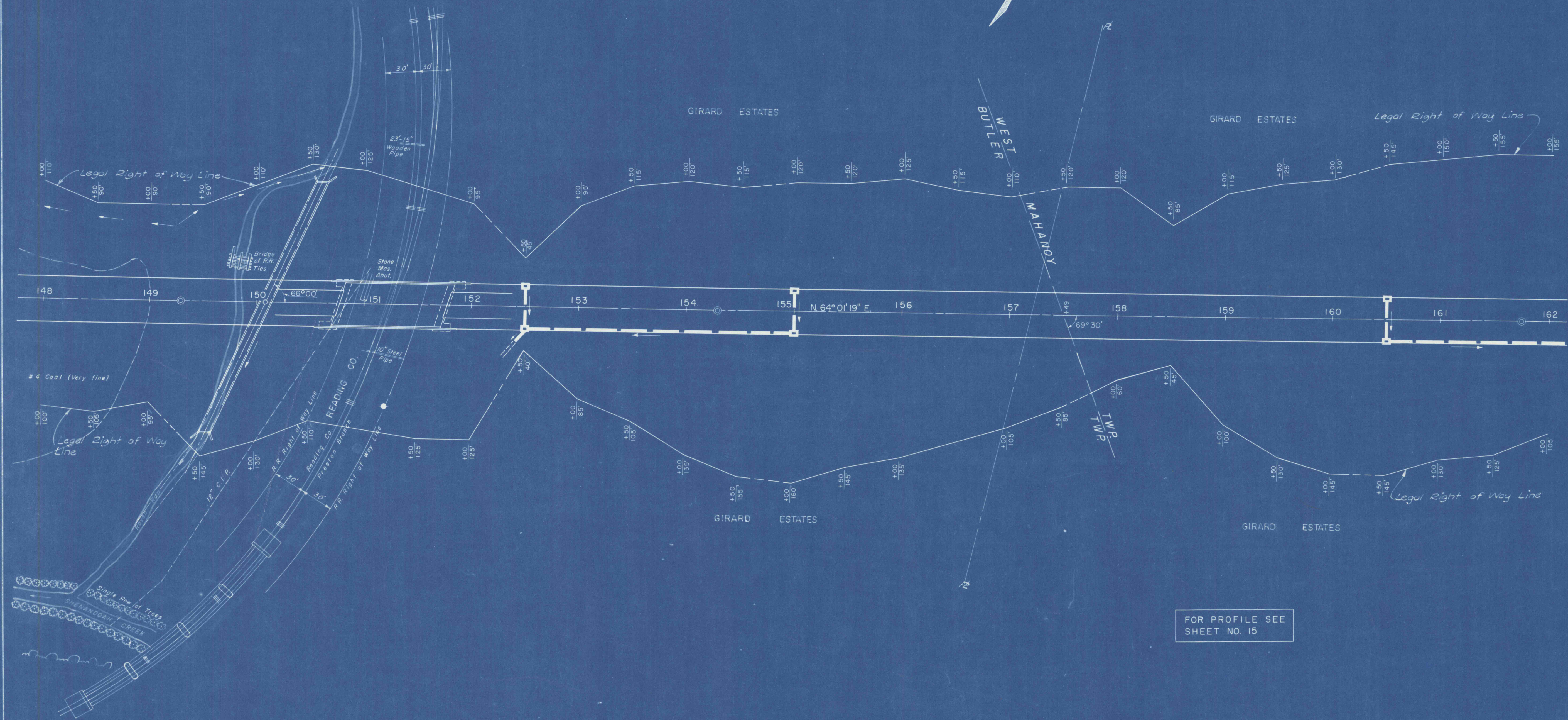
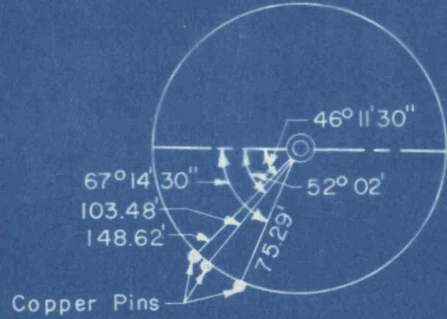
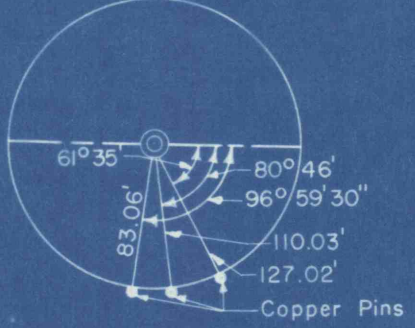
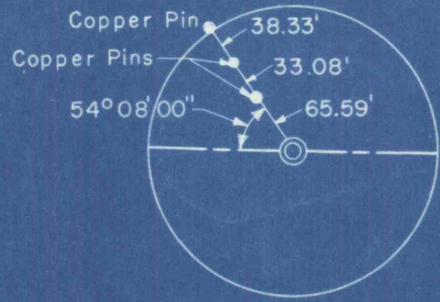


P.O.T. Sta. 149 + 28.64

P.O.T. Sta. 154 + 29.47

P.O.T. Sta. 161 + 74.22



FOR PROFILE SEE
SHEET NO. 15

DISTRICT	COUNTY	ROUTE	SEC.	SHEET
5-0	SCHUYLKILL	290	19	14 of 33
BUTLER & WEST MAHANOW TOWNSHIPS				
REQUIRED LIST				
Sta. 149 + 15 to Sta. 150 + 60 Pocket Fill, Lt. 127 C.Y. Emb.				
Sta. 149 + 30 to Sta. 150 + 65 Unsuitable Material 430 C.Y. Cl. 1 Exc. 430 C.Y. Emb. Backfill (For Details See X-Sections)				
Sta. 150 + 10 to Sta. 150 + 60 Pocket Fill, Rt. 5 C.Y. Emb.				
Sta. 151 + 50 to Sta. 152 + 25 Pocket Fill, Rt. 163 C.Y. Emb.				
Sta. 152 + 30 to Sta. 163 + 50 4' Overexc. 4,976 C.Y. Cl. 1 Exc. 4,976 C.Y. Emb., Backfill (For Details See X-Sections)				
Sta. 152 + 40 to Sta. 152 + 48, Rt. 10 L.F. 18" A.C.C.M. Pipe Fully Coated 2 C.Y. Cl. 2 Exc. (Pipe) 5 C.Y. Cl. 2 Exc. (Outlet Ditch)				
Sta. 152 + 50 36 L.F. 18" A.C.C.M. Pipe Fully Coated 2 Type H Inlets, Lt. & Rt. 9 C.Y. Cl. 2 Exc. (Pipe)				
Sta. 152 + 52 to Sta. 154 + 98, Rt. Comb. Storm Sewer & Udrain 246 L.F. 18" Extra Str. V.C. Pipe (Open Joints) or Perf. A.C.C.M. Pipe Fully Coated 22 C.Y. 2B Crse. Aggr. 75 C.Y. Cl. 2 Exc. (Pipe)				
Sta. 155 + 00 36 L.F. 18" A.C.C.M. Pipe Fully Coated 2 Type H Inlets, Lt. & Rt. 9 C.Y. Cl. 2 Exc. (Pipe)				
Sta. 160 + 50 36 L.F. 18" A.C.C.M. Pipe Fully Coated 2 Type H Inlets, Lt. & Rt. 9 C.Y. Cl. 2 Exc. (Pipe)				
Sta. 160 + 52 to Sta. 163 + 18, Rt. Comb. Storm Sewer & Udrain 266 L.F. 18" Extra Str. V.C. Pipe (Open Joints) or Perf. A.C.C.M. Pipe Fully Coated 24 C.Y. 2B Crse. Aggr. 81 C.Y. Cl. 2 Exc. (Pipe)				
Sta. 150 + 08 Reinf. Conc. Box - 240' long Span - 9', Min. Act. Cl. - 5', Norm. Cl. - 5' Skew - 62° Lt. 237 C.Y. Cl. 1 Exc. - Box 139 C.Y. Cl. 1 Exc. - Channel 220 C.Y. Cl. 2 Exc. 475 C.Y. Cl. A Conc. 18 C.Y. Cl. B Conc. 71,480 Lbs. Reinf. Bars 5-4232 Appr. 8/9/60				
Sta. 151 + 27.5 Conc. Deck Comp. Welded Plate Girder Span - 95' c-c brgs., Skew - 72° 30' Lt. Min. Act. Cl. - 22' 9 1/2" To top of Rail. Cl. Roadway - 40' 302 C.Y. Cl. 2 Exc. - Rem. Exisg. Wing Walls 170 C.Y. Cl. A Conc. 255 C.Y. Cl. B Conc. 50,000 Lbs. Reinf. Bars 160,000 Lbs. Fabr. Struct. Steel 256 L.F. Parapet Railing 4 Ea. Guard Fence Conn's. Item 37-L.S. - 31' Beam Top Piles, 10 BP42, (2 Piles each 10' long) 4450 L.F. Steel Beam Piles, 10 BP42 5-4233 Appr. 9-20-60 5-1612.5 " 5-23-58 5-3361 " 3-2-59				
Alignment Book No. 14461 Topography Book No. 14465				