



CURVE 44
 PI STA 942+71.25
 $\Delta = 16^{\circ}01' R$
 $D = 6^{\circ}00'$
 $R = 955.37'$
 $T = 134.41'$
 $L = 266.94'$

CURVE 43
 PI STA 931+06.00
 $\Delta = 36^{\circ}59' R$
 $D = 10^{\circ}00'$
 $R = 573.69'$
 $T = 191.86'$
 $L = 369.83'$

CURVE 42
 PI STA 920+94.00
 $\Delta = 28^{\circ}53' R$
 $D = 8^{\circ}00'$
 $R = 716.78'$
 $T = 134.59'$
 $L = 361.04'$

CURVE 41
 PI STA 906+81.97
 $\Delta = 83^{\circ}56' L$
 $D = 3^{\circ}00'$
 $R = 716.78'$
 $T = 703.56'$
 $L = 1111.67'$

CURVE 45
 PI STA 893+02.99
 $\Delta = 71^{\circ}28' R$
 $D = 10^{\circ}00'$
 $R = 573.69'$
 $T = 412.74'$
 $L = 714.67'$

CURVE 46
 PI STA 872+67.22
 $\Delta = 56^{\circ}18' L$
 $D = 6^{\circ}30'$
 $R = 881.95'$
 $T = 471.30'$
 $L = 866.15'$

STATION	ELEVATION	REMARKS
860+00	860.00	B.M. Elev. 856.88
861+00	861.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 860+00
862+00	862.00	B.M. Elev. 862.92
863+00	863.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 862+00
864+00	864.00	B.M. Elev. 860.49
865+00	865.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 864+00
866+00	866.00	B.M. Elev. 866.05
867+00	867.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 866+00
868+00	868.00	B.M. Elev. 866.32
869+00	869.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 868+00
870+00	870.00	B.M. Elev. 866.32
871+00	871.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 870+00
872+00	872.00	B.M. Elev. 866.32
873+00	873.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 872+00
874+00	874.00	B.M. Elev. 866.32
875+00	875.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 874+00
876+00	876.00	B.M. Elev. 866.32
877+00	877.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 876+00
878+00	878.00	B.M. Elev. 866.32
879+00	879.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 878+00
880+00	880.00	B.M. Elev. 866.32
881+00	881.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 880+00
882+00	882.00	B.M. Elev. 866.32
883+00	883.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 882+00
884+00	884.00	B.M. Elev. 866.32
885+00	885.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 884+00
886+00	886.00	B.M. Elev. 866.32
887+00	887.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 886+00
888+00	888.00	B.M. Elev. 866.32
889+00	889.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 888+00
890+00	890.00	B.M. Elev. 866.32
891+00	891.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 890+00
892+00	892.00	B.M. Elev. 866.32
893+00	893.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 892+00
894+00	894.00	B.M. Elev. 866.32
895+00	895.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 894+00
896+00	896.00	B.M. Elev. 866.32
897+00	897.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 896+00
898+00	898.00	B.M. Elev. 866.32
899+00	899.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 898+00
900+00	900.00	B.M. Elev. 866.32
901+00	901.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 900+00
902+00	902.00	B.M. Elev. 866.32
903+00	903.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 902+00
904+00	904.00	B.M. Elev. 866.32
905+00	905.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 904+00
906+00	906.00	B.M. Elev. 866.32
907+00	907.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 906+00
908+00	908.00	B.M. Elev. 866.32
909+00	909.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 908+00
910+00	910.00	B.M. Elev. 866.32
911+00	911.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 910+00
912+00	912.00	B.M. Elev. 866.32
913+00	913.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 912+00
914+00	914.00	B.M. Elev. 866.32
915+00	915.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 914+00
916+00	916.00	B.M. Elev. 866.32
917+00	917.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 916+00
918+00	918.00	B.M. Elev. 866.32
919+00	919.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 918+00
920+00	920.00	B.M. Elev. 866.32
921+00	921.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 920+00
922+00	922.00	B.M. Elev. 866.32
923+00	923.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 922+00
924+00	924.00	B.M. Elev. 866.32
925+00	925.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 924+00
926+00	926.00	B.M. Elev. 866.32
927+00	927.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 926+00
928+00	928.00	B.M. Elev. 866.32
929+00	929.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 928+00
930+00	930.00	B.M. Elev. 866.32
931+00	931.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 930+00
932+00	932.00	B.M. Elev. 866.32
933+00	933.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 932+00
934+00	934.00	B.M. Elev. 866.32
935+00	935.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 934+00
936+00	936.00	B.M. Elev. 866.32
937+00	937.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 936+00
938+00	938.00	B.M. Elev. 866.32
939+00	939.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 938+00
940+00	940.00	B.M. Elev. 866.32
941+00	941.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 940+00
942+00	942.00	B.M. Elev. 866.32
943+00	943.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 942+00
944+00	944.00	B.M. Elev. 866.32
945+00	945.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 944+00
946+00	946.00	B.M. Elev. 866.32
947+00	947.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 946+00
948+00	948.00	B.M. Elev. 866.32
949+00	949.00	W.I. Spike in Base of 40' 8" Tr. Oak 15' N.E. of Sta. 948+00
950+00	950.00	B.M. Elev. 866.32

DEGREE OF CURVE	SUPERELEVATION	LENGTH OF SPIRAL	CURVE OFFSET
4°00'	1/4"	40'	0.15'
4°30'	3/8"	60'	0.22'
5°00'	1"	80'	0.31'
6°00'	1 1/2"	100'	0.51'
6°20'	1 3/8"	100'	0.51'
7°00'	1 1/2"	100'	0.51'
8°00'	2"	120'	0.81'
10°00'	2 1/2"	160'	1.85'

PENNSYLVANIA RAILROAD
 CENTRAL REGION PITTSBURGH DIVISION
 PENN. DEL. CO.
 POWHATAN, OHIO, WEST OF
 PROPOSED EXTENSION OF CAPTINA BRANCH
 FROM MP 8 TO MP 18
 PLAN SCALE: 1"=200' PROFILE SCALE: VERT. 1"=500'
 OFFICE OF AREA ENGINEER
 PITTSBURGH PA.
 No. 25953 SHEET 3 of 10