

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVRC	108+55.00	986.04	490	8.10%	10.16%	238.45	1.26	
	POVC	109+00.00	989.73						
	POVC	109+50.00	993.93						
	POVC	110+00.00	998.24						
	POVC	110+50.00	1002.65						
	PVI	111+00.00	1005.9						
	POVC	111+00.00	1007.16						
	POVC	111+50.00	1011.78						
	POVC	112+00.00	1016.5						
	POVC	112+50.00	1021.33						
Linear	POVC	113+00.00	1026.26	375	10.16%				
	PVT	113+45.00	1030.79						
	PVT	113+45.00	1030.79						
	POVT	113+50.00	1031.3						
	POVT	114+00.00	1036.38						
	POVT	114+50.00	1041.46						
	POVT	115+00.00	1046.54						
	POVT	115+50.00	1051.62						
	POVT	116+00.00	1056.7						
	POVT	116+50.00	1061.78						
Symmetrical Parabola	POVC	117+00.00	1066.86	140	10.16%	9.46%	199.18	-0.12	1605.29
	PVC	117+20.00	1068.89						
	POVC	117+50.00	1071.91						
	PVI	117+90.00	1076						
	POVC	118+00.00	1076.86						
	POVC	118+50.00	1081.67						
	PVCC	118+60.00	1082.62						
	PVCC	118+60.00	1082.62						
	POVC	119+00.00	1086.2						
	POVC	119+50.00	1090.1						
Symmetrical Parabola	POVC	120+00.00	1093.37	320	9.46%	1.33%	39.39	-3.25	291.59
	PVI	120+20.00	1097.75						
	POVC	120+50.00	1096						
	POVC	121+00.00	1098						
	POVC	121+50.00	1099.37						
	PVT	121+80.00	1099.88						
	PVT	121+80.00	1099.88						
	POVT	122+00.00	1100.15						
	POVT	122+50.00	1100.82						
	POVT	123+00.00	1101.48						
Linear	POVT	123+50.00	1102.15	242.5	1.33%				
	POVT	124+00.00	1102.82						
	PVC	124+22.50	1103.12						
	PVC	124+22.50	1103.12						
	POVC	124+50.00	1103.52						
	POVC	125+00.00	1104.83						
	POVC	125+50.00	1106.13						
	PVI	125+60.00	1104.95						
	POVC	126+00.00	1108.05						
	POVC	126+50.00	1110.37						
Symmetrical Parabola	PVCC	126+97.50	1112.95	275	1.35%	5.82%	61.57	1.54	300
	PVCC	126+97.50	1112.95						
	POVC	126+97.50	1112.95						
	POVC	127+00.00	1113.1						
	POVC	127+50.00	1116.08						
	POVC	128+00.00	1119.19						
	PVI	128+35.00	1120.95						
	POVC	128+50.00	1122.43						
	POVC	129+00.00	1125.8						
	POVC	129+50.00	1129.3						
Symmetrical Parabola	PVT	129+72.50	1130.92	275	5.82%	7.25%	192.06	0.49	772
	PVT	129+72.50	1130.92						
	POVT	130+00.00	1132.91						
	PVC	130+35.00	1135.45						
	PVC	130+35.00	1135.45						
	POVC	130+50.00	1136.53						
	POVC	131+00.00	1139.95						
	PVI	131+35.00	1142.7						
	POVC	131+50.00	1143.14						
	POVC	132+00.00	1146.07						
Symmetrical Parabola	PVCC	132+35.00	1147.98	190	5.28%	4.80%	390.72	-0.12	2314
	PVCC	132+35.00	1147.98						
	POVC	132+50.00	1148.77						
	POVC	133+00.00	1151.36						
	PVI	133+30.00	1153						
	POVC	133+50.00	1153.89						
	POVC	134+00.00	1156.35						
	PVT	134+25.00	1157.56						
	PVT	134+25.00	1157.56						
	POVT	134+50.00	1158.75						
Linear	POVT	135+00.00	1161.15	530	4.80%				
	POVT	135+50.00	1163.55						
	POVT	136+00.00	1165.95						
	POVT	136+50.00	1168.35						
	POVT	137+00.00	1170.74						
	POVT	137+50.00	1173.14						
	POVT	138+00.00	1175.54						
	POVT	138+50.00	1177.94						
	POVT	139+00.00	1180.34						
	POVT	139+50.00	1182.73						
Symmetrical Parabola	PVC	139+55.00	1182.97						
	PVC	139+55.00	1182.97						
	POVC	140+00.00	1185.37						
	PVI	140+40.00	1187.05						
	POVC	140+50.00	1188.6						
	POVC	141+00.00	1192.42						
	PVT	141+25.00	1194.55						
	PVT	141+25.00	1194.55						
	POVT	141+50.00	1196.76						
	POVT	142+00.00	1201.17						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	139+55.00	1182.97	170	4.80%	8.82%	42.19	0.86	238
	POVC	140+00.00	1185.37						
	PVI	140+40.00	1187.05						
	POVC	140+50.00	1188.6						
	POVC	141+00.00	1192.42						
	PVT	141+25.00	1194.55						
	PVT	141+25.00	1194.55						
	POVT	141+50.00	1196.76						
	POVT	142+00.00	1201.17						
	POVT	142+50.00	1205.58						
Linear	POVT	143+00.00	1209.99	265	8.82%				
	POVT	143+50.00	1214.41						
	PVC	143+90.00	1217.94						
	PVC	143+90.00	1217.94						
	POVC	144+00.00	1218.82						
	PVI	144+40.00	1222.35						
	POVC	144+50.00	1223.34						
	PVT	144+90.00	1227.07						
	PVT	144+90.00	1227.07						
	POVT	145+00.00	1228.01						
Symmetrical Parabola	POVT	145+50.00	1232.73	100	8.82%	9.44%	163.27	0.08	669
	POVT	146+00.00	1237.45						
	PVC	146+25.00	1239.81						
	PVC	146+25.00	1239.81						
	POVC	146+50.00	1242.13						
	POVC	147+00.00	1246.51						
	POVC	147+50.00	1250.57						
	PVI	147+60.00	1252.55						
	POVC	148+00.00	1254.3						
	POVC	148+50.00	1257.69						
Symmetrical Parabola	PVT	148+95.00	1260.46	270	9.44%	5.86%	75.47	-1.21	437
	PVT	148+95.00	1260.46						
	POVT	149+00.00	1260.75						
	POVT	149+50.00	1263.68						
	PVC	149+55.00	1263.98						
	PVC	149+55.00	1263.98						
	POVC	150+00.00	1266.73						
	PVI	150+10.00	1267.2						
	POVC	150+50.00	1270.07						
	PVT	150+65.00	1271.12						
Linear	PVT	150+65.00	1271.12	135	9.44%				
	POVT	151+00.00	1273.62						
	PVC	151+45.00	1276.83						
	PVC	151+45.00	1276.83						
	POVC	151+50.00	1277.19						
	PVI	151+95.00	1280.4						
	POVC	152+00.00	1280.3						
	PVRC	152+45.00	1282.45						
	PVRC	152+45.00	1282.45						
	POVC	153+00.00	1284.87						
Symmetrical Parabola	PVI	153+05.00	1284.9	120	4.09%	5.49%	85.76	0.21	
	POVC	153+50.00	1287.38						
	PVT	153+65.00	1288.19						
	PVT	153+65.00	1288.19						
	POVT	154+00.00	1290.12						
	POVT	154+50.00	1292.86						
	PVC	154+60.00	1293.41						
	PVC	154+60.00	1293.41						
	POVC	155+00.00	1295.48						
	POVC	155+50.00	1297.74						
Symmetrical Parabola	PVI	155+60.00	1298.9	95	5.49%				
	POVC	156+00.00	1299.61						
	POVC	156+50.00	1301.11						
	PVT	156+60.00	1301.36						
	PVT	156+60.00	1301.36						
	POVT	157+00.00	1302.34						
	POVT	157+50.00	1303.57						
	POVT	158+00.00	1304.8						
	POVT	158+50.00	1306.03						
	PVC	158+60.00	1306.28						
Symmetrical Parabola	PVC	158+60.00	1306.28	200	5.49%	2.46%	65.98	-0.76	456
	POVC	159+00.00	1307.37						
	POVC	159+50.00	1309.03						
	PVI	159+85.00	1309.35						
	POVC	160+00.00	1311.02						
	POVC	160+50.00	1313.34						
	POVC	161+00.00	1316						
	PVT	161+10.00	1316.57						
	PVT	161+10.00	1316.57						
	POVT	161+50.00	1318.88						
Linear	POVT	162+00.00	1321.77	200	2.46%				
	PVC	162+40.00	1324.08						
	PVC	162+40.00	1324.08						
	POVC	162+50.00	1324.65						
	POVC	163+00.00	1327.33						
	PVI	163+40.00	1329.85						
	POVC	163+50.00	1329.71						
	POVC	164+00.00	1331.79						
	PVT	164+40.00	1333.24						
	PVT	164+40.00	1333.24						
Symmetrical Parabola	POVT	164+50.00	1333.58	250	2.46%	5.77%	75.4	1.04	392
	POVT	165+00.00	1335.27						
	PVC	165+10.00	1335.61						
	PVC	165+10.00	1335.61						
	POVC	166+00.00	1338.53						
	PVI	166+40.00	1341.05						
	POVC	166+50.00	1341.92						
	PVT	166+90.00	1345.13						
	PVT	166+90.00	1345.13						
	POVT	167+00.00	1346.7						
Symmetrical Parabola	POVC	168+40.00	1345.05	150	2.33%	4.44%	71.33	0.39	1013
	POVC	168+50.00	1345.29						
	PVI	169+15.00	1346.8						
	POVC	169+50.00	1348.46						
	PVT	169+90.00	1350.13						
	PVT	169+90.00	1350.13						
	POVT	170+00.00	1350.57						
	POVT	170+50.00	1352.79						
	POVT	171+00.00	1355.01						
	PVC	171+40.00	1356.78						
Linear	PVC	171+40.00	1356.78	150	4.44%				
	POVC	171+50.00	1357.21						
	PVI	171+90.00	1359						
	POVC	172+00.00	1358.95						
	PVT	172+40.00	1359.85						
	PVT	172+40.00	1359.85						
	POVT	172+50.00	1360.02						
	POVT	173+00.00	1360.87						
	PVC	173+25.00	1361.3						
	PVC	173+25.00	1361.3						
Symmetrical Parabola	POVC	173+50.00	1361.78	85	1.70%				
	POVC	174+00.00	1363.14						
	PVI	174+40.00	1363.25						
	POVC	174+50.00	1364.99						
	POVC	175+00.00	1367.35						
	POVC	175+50.00	1370.22						
	PVRC	175+55.00	1370.53						
	PVRC	175+55.00	1370.53						
	POVC	176+00.00	1373.7						
	PVI	176+05.00	1373.7						
Symmetrical Parabola	POVC	176+50.00	1374.84	230	1.70%	6.33%	49.64	1.33	254
	PVRC	176+55.00	1374.97						
	PVRC	176+55.00	1374.97						
	POVC	177+00.00	1376.14						
	PVI	177+45.00	1377.25						
	POVC	177+50.00	1377.52						
	POVC	178+00.00	1378.98						
	PVT	178+35.00	1380.05						
	PVT	178+35.00	1380.05						
	POVT	178+50.00	1380.51						
Linear	PVC	178+90.00	1381.76	55	3.11%				
	PVC	178+90.00	1381.76						
	POVC	179+00.00	1382.06						
	POVC	179+50.00	1383.32						
	PVI	179+75.00	1384.4						
	POVC	180+00.00	1384.17						
	POVC	180+50.00	1384.6						
	PVT	180+60.00	1384.63						
	PVT	180+60.00	1384.63						
	POVT	181+00.00	1384.74						
Symmetrical Parabola	POVT	181+50.00	1384.88	170	3.11%	0.28%	60.01	-0.6	466
	POVT	182+00.00	1385.02						
	POVT	182+50.00	1385.16						
	POVT	183+00.00	1385.3						
	POVT	183+50.00	1385.43						
	POVT	184+00.00	1385.57						
	POVT	184+50.00	1385.71						
	POVT	185+00.00	1385.85						
	POVT	185+50.00	1385.99						
	POVT								