

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD							
Linear	PVT	281+45.00	1228.87	132.5	-5.77%											
	POVT	281+50.00	1228.58													
	POVT	282+00.00	1225.7													
	POVT	282+50.00	1222.82													
Symmetrical Parabola	PVC	282+77.50	1221.23	275	-5.77%	-3.78%	138.7	0.68								
	PVC	282+77.50	1221.23													
	POVC	283+00.00	1219.95													
	POVC	283+50.00	1217.24													
	POVC	284+00.00	1214.71													
	PVI	284+15.00	1213.3													
Linear	PVT	285+52.50	1208.1	202.5	-3.78%											
	POVT	286+00.00	1206.3													
	POVT	286+50.00	1204.41													
	POVT	287+00.00	1202.51													
	POVT	287+50.00	1200.62													
	PVC	287+55.00	1200.43													
Symmetrical Parabola	PVC	287+55.00	1200.43	400	-3.78%	-5.14%	294.23	-0.68	993.81							
	POVC	288+00.00	1198.69													
	POVC	288+50.00	1196.68													
	POVC	289+00.00	1194.59													
	POVC	289+50.00	1192.41													
	PVI	289+55.00	1192.86													
	POVC	290+00.00	1190.14													
	POVC	290+50.00	1187.79													
	POVC	291+00.00	1185.35													
	POVC	291+50.00	1182.83													
Linear	PVT	291+55.00	1182.57	190	-5.14%											
	POVT	292+00.00	1180.26													
	POVT	292+50.00	1177.69													
	POVT	293+00.00	1175.12													
Symmetrical Parabola	PVC	293+45.00	1172.8	640	-5.14%	2.89%	79.64	6.43								
	PVC	293+45.00	1172.8													
	POVC	293+50.00	1172.55													
	POVC	294+00.00	1170.16													
	POVC	294+50.00	1168.09													
	POVC	295+00.00	1166.34													
	POVC	295+50.00	1164.89													
	POVC	296+00.00	1163.77													
	POVC	296+50.00	1162.95													
	PVI	296+65.00	1156.34													
	POVC	297+00.00	1162.45													
	POVC	297+50.00	1162.26													
	VLOW	297+54.89	1162.26													
	POVC	298+00.00	1162.39													
Linear	PVT	299+85.00	1165.59	190	2.89%											
	POVT	300+00.00	1166.03													
	POVT	300+50.00	1167.47													
	POVT	301+00.00	1168.92													
	POVT	301+50.00	1170.36													
	PVC	301+75.00	1171.09													
Symmetrical Parabola	PVC	301+75.00	1171.09	900	2.89%	2.56%	2751.75	-0.37	3749.5							
	POVC	302+00.00	1171.81													
	POVC	302+50.00	1173.25													
	POVC	303+00.00	1174.67													
	POVC	303+50.00	1176.09													
	POVC	304+00.00	1177.5													
	POVC	304+50.00	1178.9													
	POVC	305+00.00	1180.29													
	POVC	305+50.00	1181.68													
	POVC	306+00.00	1183.05													
	PVI	306+25.00	1184.1													
	POVC	306+50.00	1184.41													
Symmetrical Parabola	PVC	310+75.00	1195.64	230	2.56%	1.39%	196.64	-0.34	1037.61							
	PVCC	310+75.00	1195.64													
	POVC	311+00.00	1196.27													
	POVC	311+50.00	1197.42													
	PVI	311+90.00	1198.59													
	POVC	312+00.00	1198.45													
	POVC	312+50.00	1199.35													
	POVC	313+00.00	1200.12													
	PVT	313+05.00	1200.19													
	Linear	PVT	313+05.00							1200.19	105	1.39%				
		POVT	313+50.00							1200.82						
		POVT	314+00.00							1201.52						
PVC		314+10.00	1201.66													

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	314+10.00	1201.66	350	1.39%	2.03%	554.03	0.28	
	POVC	314+50.00	1202.23						
	POVC	315+00.00	1202.99						
	POVC	315+50.00	1203.79						
	PVI	315+85.00	1204.1						
	POVC	316+00.00	1204.64						
	POVC	316+50.00	1205.53						
	POVC	317+00.00	1206.46						
	POVC	317+50.00	1207.44						
	PVRC	317+60.00	1207.65						
Symmetrical Parabola	PVRC	317+60.00	1207.65	400	2.03%	-0.01%	196.28	-1.02	729.54
	POVC	318+00.00	1208.42						
	POVC	318+50.00	1209.26						
	POVC	319+00.00	1209.98						
	POVC	319+50.00	1210.58						
	PVI	319+60.00	1211.7						
	POVC	320+00.00	1211.04						
	POVC	320+50.00	1211.38						
	POVC	321+00.00	1211.59						
	POVC	321+50.00	1211.68						
Linear	VHIGH	321+57.79	1211.68	490	-0.01%				
	PVT	321+60.00	1211.68						
	POVT	322+00.00	1211.67						
	POVT	322+50.00	1211.67						
	POVT	323+00.00	1211.66						
	POVT	323+50.00	1211.66						
	POVT	324+00.00	1211.65						
	POVT	324+50.00	1211.64						
	POVT	325+00.00	1211.64						
	POVT	325+50.00	1211.63						
	POVT	326+00.00	1211.63						
	PVC	326+50.00	1211.62						
	PVC	326+50.00	1211.62						
	Symmetrical Parabola	POVC	327+00.00						
POVC		327+50.00	1211.38						
POVC		328+00.00	1211.09						
POVC		328+50.00	1210.68						
PVI		328+50.00	1211.6						
POVC		329+00.00	1210.15						
POVC		329+50.00	1209.51						
POVC		330+00.00	1208.75						
PVT		330+50.00	1207.88						
PVT		330+50.00	1207.88						
Linear	POVT	331+00.00	1206.95	105	-1.86%				
	POVT	331+50.00	1206.02						
	PVC	331+55.00	1205.93						
	PVC	331+55.00	1205.93						
Symmetrical Parabola	POVC	332+00.00	1205.15	100	-1.86%	-1.29%	174.39	0.07	
	PVI	332+05.00	1205						
	POVC	332+50.00	1204.42						
	PVT	332+55.01	1203.36						
Linear	PVT	332+55.00	1204.36	100	-1.29%				
	POVT	333+00.00	1203.78						
	POVT	333+50.00	1203.14						
	PVC	333+55.00	1203.07						
Symmetrical Parabola	PVC	333+55.00	1203.07	120	-1.29%	-1.79%	236.06	-0.08	2182.87
	POVC	334+00.00	1202.45						
	PVI	334+15.00	1202.3						
	POVC	334+50.00	1201.66						
Symmetrical Parabola	PVRC	334+75.00	1201.22	110	-1.79%	-0.95%	129.57	0.12	
	PVRC	334+75.00	1201.22						
	POVC	335+00.00	1200.8						
	PVI	335+30.00	1200.24						
	POVC	335+50.00	1200.1						
	PVRC	335+85.00	1199.72						
Symmetrical Parabola	PVRC	335+85.00	1199.72	120	-0.95%	-2.51%	76.88	-0.23	751.4
	POVC	336+00.00	1199.56						
	PVI	336+45.00	1199.15						
	POVC	336+50.00	1198.83						
	POVC	337+00.00	1197.77						
	PVRC	337+05.00	1197.65						
Symmetrical Parabola	PVRC	337+05.00	1197.65	390	-2.51%	0.50%	129.92	1.46	
	POVC	337+50.00	1196.6						
	POVC	338+00.00	1195.61						
	POVC	338+50.00	1194.82						
	PVI	339+00.00	1192.76						
	POVC	339+00.00	1194.22						
	POVC	339+50.00	1193.82						
	POVC	340+00.00	1193.6						
	VLOW	340+30.56	1193.57						
	POVC	340+50.00	1193.58						
Symmetrical Parabola	PVRC	340+95.00	1193.73	110	0.50%	-5.16%	19.46	-0.78	245.91
	POVC	341+00.00	1193.75						
	VHIGH	341+04.65	1193.75						
	PVI	341+50.00	1194						
	POVC	341+50.00	1193.22						
	POVC	342+00.00	1191.42						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	342+05.00	1191.16	195	-5.16%				
	POVT	342+50.00	1188.84						
	POVT	343+00.00	1186.27						
	POVT	343+50.00	1183.69						
Symmetrical Parabola	PVC	344+00.00	1181.11	330	-5.16%	-3.87%	255.51	0.53	
	PVC	344+00.00	1181.11						
	POVC	344+50.00	1178.58						
	POVC	345+00.00	1176.15						
	POVC	345+50.00	1173.81						
	POVC	346+00.00	1171.58						
	POVC	346+50.00	1169.44						
	PVI	345+65.00	1172.6						
Symmetrical Parabola	POVC	347+00.00	1167.4	100	-3.87%	-2.82%	95.49	0.13	
	PVCC	347+30.00	1166.22						
	PVCC	347+30.00	1166.22						
	POVC	347+50.00	1165.47						
Symmetrical Parabola	PVI	347+80.00	1164.29	180	-2.82%	-3.41%	304.46	-0.13	1915.35
	POVC	348+00.00	1163.77						
	PVRC	348+30.00	1162.88						
	PVRC	348+30.00	1162.88						
	POVC	348+50.00	1162.31						
	POVC	349+00.00	1160.83						
Symmetrical Parabola	PVI	349+20.00	1160.34	150	-3.41%	-1.48%	77.68	0.36	
	POVC	349+50.00	1159.26						
	POVC	350+00.00	1157.62						
	PVRC	350+10.00	1157.28						
	PVRC	350+10.00	1157.28						
	POVC	350+50.00	1156.02						
	PVI	350+85.00	1154.72						
	POVC	351+00.00	1154.73						
Linear	POVC	351+50.00	1153.77	660	-1.48%				
	PVT	351+60.00	1153.61						
	PVT	351+60.00	1153.61						
	POVT	352+00.00	1153.02						
	POVT	352+50.00	1152.28						
	POVT	353+00.00	1151.54						
	POVT	353+50.00	1150.8						
	POVT	354+00.00	1150.06						
	POVT	354+50.00	1149.33						
	POVT	355+00.00	1148.59						
	POVT	355+50.00	1147.85						
	POVT	356+00.00	1147.11						
	POVT	356+50.00	1146.37						
	POVT	357+00.00	1145.63						
Symmetrical Parabola	POVT	357+50.00	1144.89	400	-1.48%	2.92%	90.93	2.2	
	POVT	358+00.00	1144.15						
	PVC	358+20.00	1143.86						
	PVC	358+20.00	1143.86						
	POVC	358+50.00	1143.46						
	POVC	359+00.00	1143.03						
	POVC	359+50.00	1142.86						
	VLOW	359+54.40	1142.86						
	POVC	360+00.00	1142.98						
	PVI	360+20.00	1140.9						
	POVC	360+50.00	1143.37						
	POVC	361+00.00	1144.03						
	POVC	361+50.00	1144.97						
	POVC	362+00.00	1146.18						
Linear	PVT	362+20.00	1146.74	80	2.92%				