

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/MSD
Linear	POVT	99+25.00	328.4	100	-0.33%				
	POVT	99+50.00	328.23						
	POB	100+00.00	328.48						
	PVI	100+25.00	328.15						
Linear	PVI	100+25.00	328.15	75	0.15%				
	POVT	100+50.00	328.19						
	PVC	101+00.00	328.26						
Symmetrical Parabola	PVC	101+00.00	328.26	50	0.15%	0.33%	279.41	0.01	
	PVI	101+25.00	328.3						
	PVT	101+50.00	328.38						
Linear	PVT	101+50.00	328.38	305	0.33%				
	POVT	102+00.00	328.55						
	POVT	102+50.00	328.71						
	POVT	103+00.00	328.88						
	POVT	103+50.00	329.04						
	POVT	104+00.00	329.2						
	POVT	104+50.00	329.37						
	PVC	104+55.00	329.39						
	PVC	104+55.00	329.39						
	PVC	105+00.00	329.51						
Symmetrical Parabola	PVI	105+05.00	329.55	100	0.33%	0.13%	511.21	-0.02	5566.73
	POVC	105+50.00	329.61						
	PVT	105+55.00	329.62						
	PVT	105+55.00	329.62						
Linear	PVT	105+55.00	329.62	145	0.13%				
	POVT	106+00.00	329.68						
	POVT	106+50.00	329.74						
	PVC	107+00.00	329.81						
Symmetrical Parabola	PVC	107+00.00	329.81	60	0.13%	0.55%	145.59	0.03	
	PVI	107+30.00	329.85						
	POVC	107+50.00	329.96						
	PVT	107+60.00	330.01						
Linear	PVT	107+60.00	330.01	70	0.55%				
	POVT	108+00.00	330.23						
	PVC	108+30.00	330.4						
Symmetrical Parabola	PVC	108+30.00	330.4	350	0.55%	-0.30%	413.98	-0.37	1451.41
	POVC	108+50.00	330.5						
	POVC	109+00.00	330.72						
	POVC	109+50.00	330.88						
	POVC	110+00.00	330.97						
	PVI	110+05.00	331.35						
	POVC	110+50.00	331.01						
	POVC	111+00.00	330.99						
	POVC	111+50.00	330.9						
	PVRC	111+80.00	330.83						
Symmetrical Parabola	PVRC	111+80.00	330.83	50	-0.30%	-0.09%	233.33	0.01	
	PVI	112+05.00	330.75						
	PVT	112+30.00	330.73						
Linear	PVT	112+30.00	330.73	55	-0.09%				
	POVT	112+50.00	330.71						
	PVC	112+85.00	330.68						
	PVC	112+85.00	330.68						
Symmetrical Parabola	PVC	113+00.00	330.66	190	-0.09%	-0.75%	286.02	-0.16	1719.53
	POVC	113+50.00	330.55						
	PVI	113+80.00	330.6						
	POVC	114+00.00	330.35						
	POVC	114+50.00	330.06						
Symmetrical Parabola	PVRC	114+75.00	329.89	50	-0.75%	-0.33%	118.45	0.03	
	PVRC	114+75.00	329.89						
	PVI	115+00.00	329.7						
	POVC	115+00.00	329.73						
Linear	PVT	115+25.00	329.62	205	-0.33%				
	POVT	115+50.00	329.54						
	POVT	116+00.00	329.37						
	POVT	116+50.00	329.21						
	POVT	117+00.00	329.04						
	PVC	117+30.00	328.95						
	PVC	117+30.00	328.95						
Symmetrical Parabola	PVC	117+50.00	328.89	150	-0.33%	0.40%	206.08	0.14	
	POVC	117+50.00	328.89						
	VLOW	117+97.57	328.84						
	POVC	118+00.00	328.84						
	PVI	118+05.00	328.7						
	POVC	118+50.00	328.9						
Symmetrical Parabola	PVRC	118+80.00	329	100	0.40%	0.09%	319.44	-0.04	3497.29
	PVRC	118+80.00	329						
	PVI	119+00.00	329.07						
	PVI	119+30.00	329.2						
	POVC	119+50.00	329.2						
	PVT	119+80.00	329.24						
Linear	PVT	119+80.00	329.24	40	0.09%				
	POVT	120+00.00	329.26						
	PVC	120+20.00	329.28						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/MSD
Symmetrical Parabola	PVC	120+20.00	329.28	50	0.09%	0.35%	192.9	0.02	
	PVI	120+45.00	329.3						
	POVC	120+50.00	329.33						
	PVT	120+70.00	329.39						
Linear	PVT	120+70.00	329.39	80	0.35%				
	POVT	121+00.00	329.49						
	PVC	121+50.00	329.66						
Symmetrical Parabola	PVC	121+50.00	329.66	50	0.35%	0.28%	795.92	0	17203.31
	PVI	121+75.00	329.75						
	PVT	122+00.00	329.82						
Linear	PVT	122+00.00	329.82	100	0.28%				
	POVT	122+50.00	329.96						
	PVC	123+00.00	330.1						
Symmetrical Parabola	PVC	123+00.00	330.1	350	0.28%	2.31%	172.41	0.89	
	POVC	123+50.00	330.32						
	POVC	124+00.00	330.68						
	POVC	124+50.00	331.18						
	PVI	124+75.00	330.6						
	POVC	125+00.00	331.83						
	POVC	125+50.00	332.63						
	POVC	126+00.00	333.56						
	PVT	126+50.00	334.65						
	PVT	126+50.00	334.65						
Linear	POVT	127+00.00	335.81	110	2.31%				
	POVT	127+50.00	336.96						
	PVC	127+60.00	337.19						
	PVC	127+60.00	337.19						
Symmetrical Parabola	PVC	128+00.00	338.07	100	2.31%	1.73%	170.08	-0.07	1885.47
	PVI	128+10.00	338.35						
	POVC	128+50.00	339.04						
	PVT	128+60.00	339.21						
	PVT	128+60.00	339.21						
Linear	POVT	129+00.00	339.9	55	1.73%				
	PVC	129+15.00	340.16						
	PVC	129+15.00	340.16						
Symmetrical Parabola	PVC	129+50.00	340.76	300	1.73%	1.52%	1444.9	-0.08	5347.39
	POVC	130+00.00	341.6						
	POVC	130+50.00	342.43						
	PVI	130+65.00	342.75						
	POVC	131+00.00	343.24						
	POVC	131+50.00	344.03						
Linear	POVC	132+00.00	344.8	40	1.52%				
	PVT	132+15.00	345.03						
	PVT	132+15.00	345.03						
	POVT	132+50.00	345.56						
	PVC	132+55.00	345.63						
Symmetrical Parabola	PVC	132+55.00	345.63	180	1.52%	0.73%	227.68	-0.18	1455
	POVC	133+00.00	346.27						
	PVI	133+45.00	347						
	POVC	133+50.00	346.88						
Linear	POVC	134+00.00	347.37	55	0.73%				
	PVT	134+35.00	347.65						
	PVT	134+35.00	347.65						
	PVC	134+90.00	348.05						
	PVC	134+90.00	348.05						
Symmetrical Parabola	PVC	134+90.00	348.05	260	0.73%	2.30%	165.54	0.51	
	POVC	135+00.00	348.13						
	POVC	135+50.00	348.6						
	POVC	136+00.00	349.22						
	PVI	136+20.00	349						
	POVC	136+50.00	349.99						
	POVC	137+00.00	350.91						
	PVT	137+50.00	351.99						
	PVT	137+50.00	351.99						
	PVC	137+80.00	352.68						
Symmetrical Parabola	PVC	137+80.00	352.68	620	2.30%	-2.08%	141.63	-3.39	552.88
	POVC	138+00.00	353.12						
	POVC	138+50.00	354.11						
	POVC	139+00.00	354.93						
	POVC	139+50.00	355.56						
	POVC	140+00.00	356.02						
	POVC	140+50.00	356.31						
	PVI	140+90.00	359.8						
	POVC	141+00.00	356.41						
	VHIGH	141+05.45	356.42						
	POVC	141+50.00	356.35						
	POVC	142+00.00	356.1						
	POVC	142+50.00	355.68						
POVC	143+00.00	355.08							
POVC	143+50.00	354.3							
PVT	144+00.00	353.35							

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/MSD
Linear	PVT	144+00.00	353.35	165	-2.08%				
	POVT	144+50.00	352.31						
	POVT	145+00.00	351.27						
	POVT	145+50.00	350.23						
	PVC	145+65.00	349.92						
Symmetrical Parabola	PVC	145+65.00	349.92	430	-2.08%	1.21%	130.75	1.77	
	POVC	146+00.00	349.24						
	POVC	146+50.00	348.43						
	POVC	147+00.00	347.81						
	POVC	147+50.00	347.38						
	PVI	147+80.00	345.45						
	POVC	148+00.00	347.15						
	VLOW	148+36.93	347.09						
	POVC	148+50.00	347.1						
	POVC	149+00.00	347.25						
Linear	PVT	149+95.00	348.05	120	1.21%				
	POVT	150+00.00	348.11						
	POVT	150+50.00	348.71						
	POVT	151+00.00	349.32						
	PVI	151+15.00	349.5						
Linear	PVI	151+15.00	349.5	52.58	0.77%				
	POVT	151+50.00	349.77						
	PVI	151+67.58	349.91						
Linear	PVI	151+67.58	349.91	105.01	1.18%				
	POVT	152+00.00	350.29						
	POVT	152+50.00	350.87						
	PVI	152+72.60	351.14						
Linear	PVI	152+72.60	351.14	52.4	1.74%				
	POVT	153+00.00	351.62						
Linear	PVI	153+25.00	352.05	35	1.76%				
	POVT	153+50.00	352.49						
	PVC	153+60.00	352.67						
Symmetrical Parabola	PVC	153+60.00	352.67	100	1.76%	1.29%	208.77	-0.06	2302.96
	POVC	154+00.00	353.34						
	PVI	154+10.00	353.55						
	POVC	154+50.00	354.06						
	PVT	154+60.00	354.19						
Linear	PVT	154+60.00	354.19	310	1.29%				
	POVT	155+00.00	354.71						
	POVT	155+50.00	355.35						
	POVT	156+00.00	355.99						
	POVT	156+50.00	356.64						
	POVT	157+00.00	357.28						
	POVT	157+50.00	357.92						
	PVC	157+70.00	358.18						
	PVC	157+70.00	358.18						
	POVC	157+95.00	358.5						
Symmetrical Parabola	PVI	157+95.00	358.5	50	1				