

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HS D
Linear	PVT	165+65.00	356.11	25	-1.14%				
	PVC	165+90.00	355.82						
Symmetrical Parabola	PVC	165+90.00	355.82	100	-1.14%	-0.51%	158.56	0.08	
	POVC	166+00.00	355.71						
	PVI	166+40.00	355.25						
	POVC	166+50.00	355.25						
	PVT	166+90.00	354.99						
Linear	PVT	166+90.00	354.99	25	-0.51%				
	POVT	167+00.00	354.94						
Symmetrical Parabola	PVC	167+15.00	354.87	260	-0.51%	-3.99%	74.81	-1.13	440.49
	POVC	167+50.00	354.6						
	POVC	168+00.00	353.95						
	PVI	168+45.00	354.2						
	POVC	168+50.00	352.96						
	POVC	169+00.00	351.63						
	POVC	169+50.00	349.97						
	PVT	169+75.00	349.02						
	PVT	169+75.00	349.02						
	PVT	169+75.00	349.02						
Linear	POVT	170+00.00	348.02	105	-3.99%				
	POVT	170+50.00	346.03						
	PVC	170+80.00	344.83						
Symmetrical Parabola	PVC	170+80.00	344.83	350	-3.99%	0.25%	82.53	1.86	
	POVC	171+00.00	344.06						
	POVC	171+50.00	342.33						
	POVC	172+00.00	340.92						
	POVC	172+50.00	339.8						
	PVI	172+55.00	337.85						
	POVC	173+00.00	338.99						
	POVC	173+50.00	338.48						
	POVC	174+00.00	338.27						
	VLOW	174+09.11	338.27						
PVT	174+30.00	338.29							
Linear	PVT	174+30.00	338.29	195	0.25%				
	POVT	174+50.00	338.34						
	POVT	175+00.00	338.47						
	POVT	175+50.00	338.6						
	PVC	176+25.00	338.79						
Symmetrical Parabola	PVC	176+25.00	338.79	50	0.25%	0.57%	160.23	0.02	
	PVI	176+50.00	338.85						
	POVC	176+50.00	338.87						
Linear	PVT	176+75.00	338.99	65	0.57%				
	POVT	177+00.00	339.13						
	PVC	177+40.00	339.36						
Symmetrical Parabola	PVC	177+40.00	339.36	50	0.57%	0.33%	215.63	-0.01	4678.84
	POVC	177+50.00	339.41						
	PVI	177+65.00	339.5						
Linear	PVT	177+90.00	339.58	55	0.33%				
	POVT	178+00.00	339.62						
	PVC	178+45.00	339.77						
Symmetrical Parabola	PVC	178+45.00	339.77	50	0.33%	0.52%	267.86	0.01	
	POVC	178+50.00	339.78						
	PVI	178+70.00	339.85						
Linear	PVT	178+95.00	339.98	75	0.52%				
	PVT	178+95.00	339.98						
	POVT	179+00.00	340.01						
Symmetrical Parabola	POVT	179+50.00	340.27	50	0.52%	0.13%	126.58	-0.02	2757.03
	PVC	179+70.00	340.37						
	PVC	179+70.00	340.37						
	PVI	179+95.00	340.5						
Linear	POVC	180+00.00	340.49	30	0.13%				
	PVT	180+20.00	340.53						
	PVC	180+50.00	340.57						
Symmetrical Parabola	PVC	180+50.00	340.57	50	0.13%	0.60%	105.26	0.03	
	PVI	180+75.00	340.6						
	PVT	181+00.00	340.75						
Linear	PVT	181+00.00	340.75	50	0.60%				
	PVC	181+50.00	341.05						
	PVC	181+50.00	341.05						
Symmetrical Parabola	PVI	181+50.00	341.05	50	0.60%	0.30%	166.67	-0.02	3622.17
	PVI	181+75.00	341.2						
	PVT	182+00.00	341.28						
Linear	PVT	182+00.00	341.28	250	0.30%				
	POVT	182+50.00	341.43						
	POVT	183+00.00	341.58						
	POVT	183+50.00	341.73						
	POVT	184+00.00	341.88						
	PVC	184+50.00	342.03						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HS D							
Symmetrical Parabola	PVC	184+50.00	342.03	50	0.30%	0.47%	296.3	0.01								
	PVI	184+75.00	342.1													
	PVT	185+00.00	342.22													
Linear	PVT	185+00.00	342.22	110	0.47%											
	POVT	185+50.00	342.45													
	POVT	186+00.00	342.69													
	PVC	186+10.00	342.73													
	PVC	186+10.00	342.73													
Symmetrical Parabola	PVC	186+10.00	342.73	50	0.47%	0.39%	647.02	0	13989.68							
	PVI	186+35.00	342.85													
	POVC	186+50.00	342.91													
	PVT	186+60.00	342.95													
	PVT	186+60.00	342.95													
	POVT	187+00.00	343.1													
	POVT	187+50.00	343.3													
	POVT	188+00.00	343.5													
	POVT	188+50.00	343.69													
	POVT	189+00.00	343.89													
Linear	POVT	189+50.00	344.08	1055	0.39%											
	POVT	190+00.00	344.28													
	POVT	190+50.00	344.47													
	POVT	191+00.00	344.67													
	POVT	191+50.00	344.87													
	POVT	192+00.00	345.06													
	POVT	192+50.00	345.26													
	POVT	193+00.00	345.45													
	POVT	193+50.00	345.65													
	POVT	194+00.00	345.84													
	POVT	194+50.00	346.04													
	POVT	195+00.00	346.24													
	POVT	195+50.00	346.43													
	POVT	196+00.00	346.63													
	POVT	196+50.00	346.82													
	POVT	197+00.00	347.02													
	PVC	197+15.00	347.08													
	Symmetrical Parabola	PVC	197+15.00							347.08	420	0.39%	1.55%	361.37	0.61	
		POVC	197+50.00							347.23						
		POVC	198+00.00							347.51						
POVC		198+50.00	347.86													
POVC		199+00.00	348.28													
PVI		199+25.00	347.9													
POVC		199+50.00	348.76													
POVC		200+00.00	349.32													
POVC		200+50.00	349.94													
POVC		201+00.00	350.64													
Linear	PVT	201+35.00	351.16	285	1.55%											
	PVT	201+35.00	351.16													
	POVT	201+50.00	351.4													
	POVT	202+00.00	352.17													
	POVT	202+50.00	352.95													
	POVT	203+00.00	353.73													
	POVT	203+50.00	354.5													
	POVT	204+00.00	355.28													
	PVC	204+20.00	355.59													
	PVC	204+20.00	355.59													
Symmetrical Parabola	PVC	204+20.00	355.59	220	1.55%	0.10%	150.84	-0.4	849.91							
	POVC	204+50.00	356.03													
	POVC	205+00.00	356.62													
	PVI	205+30.00	357.3													
	POVC	205+50.00	357.05													
Linear	POVC	206+00.00	357.31	15	0.10%											
	PVT	206+40.00	357.4													
	PVT	206+40.00	357.4													
	POVT	206+50.00	357.41													
	PVC	206+55.00	357.42													
	PVC	206+55.00	357.42													
	POVT	206+55.00	357.42													
	VHIGH	206+70.59	357.43													
	POVC	207+00.00	357.4													
	POVC	207+50.00	357.23													
Symmetrical Parabola	POVC	208+00.00	356.91	380	0.10%	-2.23%	163.66	-1.1	654.77							
	PVI	208+45.00	357.6													
	POVC	208+50.00	356.44													
	POVC	209+00.00	355.82													
	POVC	209+50.00	355.04													
	POVC	210+00.00	354.11													
	PVT	210+35.00	353.37													
	PVT	210+35.00	353.37													
	POVT	210+50.00	353.04													
	POVT	211+00.00	351.92													
Linear	PVC	211+30.00	351.25	95	-2.23%											
	PVT	211+30.00	351.25													

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HS D
Symmetrical Parabola	PVC	211+30.00	351.25	180	-2.23%	-1.61%	290.19	0.14	
	POVC	211+50.00	350.82						
	POVC	212+00.00	349.78						
	PVI	212+20.00	349.25						
	POVC	212+50.00	348.83						
	POVC	213+00.00	347.97						
	PVT	213+10.00	347.8						
Linear	PVT	213+10.00	347.8	130	-1.61%				
	POVT	213+50.00	347.16						
	POVT	214+00.00	346.36						
	PVC	214+40.00	345.72						
	PVC	214+40.00	345.72						
Symmetrical Parabola	PVC	214+40.00	345.72	500	-1.61%	0.05%	301.07	1.04	
	POVC	214+50.00	345.56						
	POVC	215+00.00	344.81						
	POVC	215+50.00	344.15						
	POVC	216+00.00	343.57						
	POVC	216+50.00	343.07						
	PVI	216+90.00	341.7						
	POVC	217+00.00	342.66						
	POVC	217+50.00	342.33						
	POVC	218+00.00	342.09						
	POVC	218+50.00	341.92						
	POVC	219+00.00	341.84						
	VLOW	219+23.64	341.83						
	PVT	219+40.00	341.84						
	Linear	PVT	219+40.00						
POVT		219+50.00	341.84						
POVT		220+00.00	341.87						
POVT		220+50.00	341.9						
POVT		221+00.00	341.92						
Symmetrical Parabola	PVC	221+25.00	341.94	50	0.05%	0.44%	130.5	0.02	
	PVI	221+50.00	341.95						
	POVC	221+50.00	341.97						
Linear	PVT	221+75.00	342.06	30	0.44%				
	POVT	222+00.00	342.17						
	PVC	222+05.00	342.19						
Symmetrical Parabola	PVC	222+05.00	342.19	50	0.44%	0.19%	201.74	-0.02	4379.14
	PVI	222+30.00	342.3						
	POVC	222+50.00	342.34						
	PVT	222+55.00	342.35						
Linear	PVT	222+55.00	342.35	240	0.19%				
	POVT	223+00.00	342.43						
	POVT	223+50.00	342.53						
	POVT	224+00.00	342.62						
	POVT	224+50.00	342.72						
Symmetrical Parabola	PVC	224+95.00	342.8	50	0.19%	0.38%	269.77	0.01	
	POVT	225+00.00	342.81						
	PVI	225+20.00	342.85						
	PVT	225+45.00	342.94						
	PVT	225+45.00	342.94						
Linear	POVT	225+50.00	342.96	30	0.38%				
	PVC	225+75.00	343.06						
	PVC	225+75.00	343.06						