

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	506+50.00	222.07	130	7.69%				
	POVT	507+00.00	225.91						
	POVT	507+50.00	229.76						
Symmetrical Parabola	PVC	507+80.00	232.06	420	7.69%	4.13%	117.87	-1.87	512.86
	POVC	508+00.00	233.58						
	POVC	508+50.00	237.24						
	POVC	509+00.00	240.68						
	POVC	509+50.00	243.91						
	PVI	509+90.00	248.21						
	POVC	510+00.00	246.93						
	POVC	510+50.00	249.73						
	POVC	511+00.00	252.32						
	POVC	511+50.00	254.70						
Linear	PVT	512+00.00	256.87	95	4.13%				
	POVT	512+50.00	258.94						
	PVC	512+95.00	260.79						
Symmetrical Parabola	PVC	512+95.00	260.79	90	4.13%	3.32%	112.02	-0.09	1388.16
	POVC	513+00.00	261.00						
	PVI	513+40.00	262.65						
	POVC	513+50.00	262.93						
Linear	PVT	513+85.00	264.15	265	3.32%				
	POVT	514+00.00	264.64						
	POVT	514+50.00	266.30						
	POVT	515+00.00	267.97						
	POVT	515+50.00	269.63						
	POVT	516+00.00	271.29						
Symmetrical Parabola	PVC	516+50.00	272.95	150	3.32%	1.65%	89.9	-0.31	721.79
	POVC	517+00.00	274.47						
	PVI	517+25.00	275.44						
	POVC	517+50.00	275.72						
	PVT	518+00.00	276.68						
Linear	PVT	518+00.00	276.68	320	1.65%				
	POVT	518+50.00	277.51						
	POVT	519+00.00	278.34						
	POVT	519+50.00	279.16						
	POVT	520+00.00	279.99						
	POVT	520+50.00	280.82						
	POVT	521+00.00	281.64						
	PVC	521+20.00	281.97						
Symmetrical Parabola	PVC	521+20.00	281.97	310	1.65%	11.28%	32.19	3.73	
	POVC	521+50.00	282.61						
	POVC	522+00.00	284.29						
	POVC	522+50.00	286.75						
	PVI	522+75.00	284.54						
	POVC	523+00.00	289.98						
	POVC	523+50.00	294.00						
	POVC	524+00.00	298.78						
Linear	PVT	524+30.00	302.03	100	11.28%				
	POVT	524+50.00	304.29						
	POVT	525+00.00	309.93						
	PVC	525+30.00	313.31						
	PVC	525+30.00	313.31						
Symmetrical Parabola	POVC	525+50.00	315.47	240	11.28%	-0.41%	20.52	-3.51	210.46
	POVC	526+00.00	320.02						
	PVI	526+50.00	326.85						
	POVC	526+50.00	323.35						
	POVC	527+00.00	325.46						
	POVC	527+50.00	326.35						
	VHIGH	527+61.58	326.38						
Linear	PVT	527+70.00	326.36	95	-0.41%				
	PVT	527+70.00	326.36						
	POVT	528+00.00	326.24						
	POVT	528+50.00	326.03						
	PVC	528+65.00	325.97						
Symmetrical Parabola	PVC	528+65.00	325.97	50	-0.41%	0.68%	45.82	0.07	
	VLOW	528+83.79	325.93						
	PVI	528+90.00	325.87						
	POVC	529+00.00	325.96						
Linear	PVT	529+15.00	326.04	80	0.68%				
	POVT	529+50.00	326.28						
	PVC	529+95.00	326.58						
	PVC	529+95.00	326.58						
Symmetrical Parabola	POVC	530+00.00	326.62	210	0.68%	5.94%	39.94	1.38	
	POVC	530+50.00	327.34						
	PVI	531+00.00	327.30						
	POVC	531+00.00	328.68						
	POVC	531+50.00	330.65						
	POVC	532+00.00	333.24						
	PVT	532+05.00	333.54						
	PVT	532+05.00	333.54						
Linear	PVT	532+05.00	333.54	20	5.94%				
	PVC	532+25.00	334.72						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	532+25.00	334.72	360	5.94%	-2.09%	44.83	-3.61	311.07
	POVC	532+50.00	336.14						
	POVC	533+00.00	338.55						
	POVC	533+50.00	340.41						
	POVC	534+00.00	341.70						
	PVI	534+05.00	345.42						
	POVC	534+50.00	342.44						
	VHIGH	534+91.29	342.63						
	POVC	535+00.00	342.62						
	POVC	535+50.00	342.25						
Linear	PVT	535+85.00	341.65	10	-2.09%				
	PVC	535+95.00	341.44						
Symmetrical Parabola	PVC	535+95.00	341.44	220	-2.09%	-1.45%	346.04	0.17	
	POVC	536+00.00	341.34						
	POVC	536+50.00	340.34						
	POVC	537+00.00	339.41						
	PVI	537+05.00	339.15						
	POVC	537+50.00	338.55						
Linear	POVC	538+00.00	337.77	100	-1.45%				
	PVT	538+15.00	337.55						
	PVT	538+15.00	337.55						
	POVT	538+50.00	337.04						
	POVT	539+00.00	336.31						
	PVC	539+15.00	336.09						
Symmetrical Parabola	PVC	539+15.00	336.09	220	-1.45%	-0.92%	414.48	0.15	
	POVC	539+50.00	335.60						
	POVC	540+00.00	334.94						
	PVI	540+25.00	334.49						
	POVC	540+50.00	334.35						
	POVC	541+00.00	333.81						
Linear	PVT	541+35.00	333.48	100	-0.92%				
	POVT	541+50.00	333.34						
	POVT	542+00.00	332.88						
	PVC	542+35.00	332.55						
	PVC	542+35.00	332.55						
	POVC	542+50.00	332.43						
Symmetrical Parabola	POVC	543+00.00	332.22	230	-0.92%	2.01%	78.35	0.84	
	VLOW	543+07.35	332.22						
	PVI	543+50.00	331.49						
	POVC	543+50.00	332.33						
	POVC	544+00.00	332.77						
	POVC	544+50.00	333.52						
Linear	PVT	544+65.00	333.80	135	2.01%				
	POVT	545+00.00	334.51						
	POVT	545+50.00	335.51						
	PVC	546+00.00	336.52						
	PVC	546+00.00	336.52						
	POVC	546+50.00	337.32						
Symmetrical Parabola	POVC	547+00.00	337.71	330	2.01%	-3.39%	61.05	-2.23	364.63
	VHIGH	547+22.84	337.76						
	POVC	547+50.00	337.70						
	PVI	547+65.00	339.84						
	POVC	548+00.00	337.27						
	POVC	548+50.00	336.43						
	POVC	549+00.00	335.19						
	PVT	549+30.00	334.24						
Linear	PVT	549+30.00	334.24	260	-3.39%				
	POVT	549+50.00	333.56						
	POVT	550+00.00	331.87						
	POVT	550+50.00	330.17						
	POVT	551+00.00	328.47						
	POVT	551+50.00	326.78						
Symmetrical Parabola	PVC	551+90.00	325.42	150	-3.39%	-7.17%	39.77	-0.71	361.14
	PVC	551+90.00	325.42						
	POVC	552+00.00	325.07						
	POVC	552+50.00	322.93						
	PVI	552+65.00	322.87						
	POVC	553+00.00	320.16						
Linear	PVT	553+40.00	317.50	90	-7.17%				
	PVT	553+40.00	317.50						
	POVT	553+50.00	316.78						
	POVT	554+00.00	313.20						
	PVC	554+30.00	311.05						
	PVC	554+30.00	311.05						
Symmetrical Parabola	POVC	554+50.00	309.65	410	-7.17%	-0.22%	59.04	3.56	
	POVC	555+00.00	306.45						
	POVC	555+50.00	303.67						
	POVC	556+00.00	301.32						
	PVI	556+35.00	296.36						
	POVC	556+50.00	299.39						
	POVC	557+00.00	297.88						
	POVC	557+50.00	296.80						
	POVC	558+00.00	296.13						
	PVT	558+40.00	295.91						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	558+40.00	295.91	145	-0.22%				
	POVT	558+50.00	295.89						
	POVT	559+00.00	295.78						
	POVT	559+50.00	295.67						
	PVC	559+85.00	295.59						
Symmetrical Parabola	PVC	559+85.00	295.59	160	-0.22%	4.60%	33.22	0.96	
	VLOW	559+92.31	295.58						
	POVC	560+00.00	295.59						
	POVC	560+50.00	296.08						
	PVI	560+65.00	295.42						
	POVC	561+00.00	297.33						
	PVT	561+45.00	299.09						
Linear	PVT	561+45.00	299.09	185	4.60%				
	POVT	561+50.00	299.32						
	POVT	562+00.00	301.62						
	POVT	562+50.00	303.92						
	POVT	563+00.00	306.22						
	PVC	563+30.00	307.60						
Symmetrical Parabola	PVC	563+30.00	307.60	200	4.60%	-8.88%	14.84	-3.37	178.95
	POVC	563+50.00	308.38						
	VHIGH	563+98.19	309.16						
	POVC	564+00.00	309.16						
	PVI	564+30.00	312.19						
	POVC	564+50.00	308.26						
	POVC	565+00.00	305.67						
	PVT	565+30.00	303.31						
	PVT	565+30.00	303.31						
	POVT	565+50.00	301.53						
Linear	POVT	566+00.00	297.09	110	-8.88%				
	PVC	566+40.00	293.54						
	PVC	566+40.00	293.54						
	POVC	566+50.00	292.65						
	POVC	567+00.00	288.41						
Symmetrical Parabola	PVI	567+40.00	284.65	200	-8.88%	-6.59%	87.22	0.57	
	POVC	567+50.00	284.46						
	POVC	568+00.00	280.79						
	PVT	568+40.00	278.06						
	PVT	568+40.00	278.06						
	POVT	568+50.00	277.40						
Linear	POVT	569+00.00	274.11	165	-6.59%				
	POVT	569+50.00	270.81						
	POVT	570+00.00	267.52						
	PVC	570+05.00	267.19						
	PVC	570+05.00	267.19						
	POVC	570+50.00	264.34						
	POVC	571+00.00	261.47						
Symmetrical Parabola	PVI	571+45.00	257.96	280	-6.59%	-3.22%	83.17	1.18	
	POVC	571+50.00	258.90						
	POVC	572+00.00	256.62						
	POVC	572+50.00	254.65						
	PVT	572+85.00	253.45						
	PVT	572+85.00	253.45						
	POVT	573+00.00	252.97						