

Element	Point Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	552+92.03	517.26	250	-1.07%	3.20%	58.5393	1.3346	
		553+00.00	517.18						
		553+50.00	516.93						
	VLOW	553+54.67	516.92						
		554+00.00	517.10						
	PVI	554+17.03	515.92						
		554+50.00	517.70						
Linear	PVT	555+42.03	519.92	58.027	3.20%				
		555+50.00	520.18						
	PVC	556+00.00	521.78						
Symmetrical Parabola	PVC	556+00.05	521.78	150	3.20%	-3.19%	23.4581	-1.1989	243.7651
		556+50.00	522.85						
	PVI	556+75.05	524.18						
	VHIGH	556+75.13	522.98						
		557+00.00	522.85						
		557+50.00	521.79						
	PVT	557+50.05	521.78						
Linear	PVT	557+50.05	521.78	54.9871	-3.19%				
	PVC	558+05.04	520.03						
Symmetrical Parabola	PVC	558+05.04	520.03	100	-3.19%	-1.74%	68.5435	0.1824	
		558+50.00	518.74						
	PVI	558+55.04	518.43						
Linear	PVT	559+00.00	517.65	48.2612	-1.74%				
		559+05.04	517.56						
	PVC	559+53.30	516.73						
Symmetrical Parabola	PVC	559+53.30	516.73	80	-1.74%	-3.66%	41.6776	-0.1919	
		559+93.30	516.03						
	PVI	560+00.00	515.65						
Linear	PVT	560+33.30	514.57	89.5743	-3.66%				
		560+33.30	514.57						
	PVC	560+50.00	513.96						
Symmetrical Parabola	PVC	561+22.87	511.30	250	-3.66%	0.43%	61.2543	1.2754	
		561+50.00	510.37						
		562+00.00	508.96						
	PVI	562+47.87	506.73						
		562+50.00	507.97						
	VLOW	563+00.00	507.39						
		563+46.73	507.21						
Linear	PVT	563+50.00	507.21	386.6037	0.43%				
		563+72.87	507.26						
		564+00.00	507.38						
		564+50.00	507.59						
		565+00.00	507.81						
		565+50.00	508.02						
		566+00.00	508.23						
		566+50.00	508.45						
		567+00.00	508.66						
		567+50.00	508.87						
	PVC	567+59.48	508.91						
Symmetrical Parabola	PVC	567+59.48	508.91	100	0.43%	-1.07%	67.0424	-0.1864	773.4887
		568+00.00	508.96						
	VHIGH	567+88.09	508.97						
		568+09.48	509.13						
	PVI	568+50.00	508.69						
		568+59.48	508.59						
	PVT	568+59.48	508.59						
Linear	PVT	568+59.48	508.59	145.851	-1.07%				
		569+00.00	508.16						
		569+50.00	507.63						
	PVC	570+05.33	507.04						
		570+05.33	507.04						
Symmetrical Parabola		570+50.00	506.66	300	-1.07%	1.82%	104.055	1.0812	
		571+00.00	506.46						
	VLOW	571+16.12	506.45						
		571+50.00	506.51						
	PVI	571+55.33	505.44						
		572+00.00	506.79						
		572+50.00	507.31						
Linear	PVT	573+05.33	508.17	29.7153	1.82%				
		573+05.33	508.17						
	PVC	573+35.04	508.71						
Symmetrical Parabola		573+35.04	508.71	200	1.82%	6.80%	40.1472	1.2454	
		573+50.00	509.01						
		574+00.00	510.42						
	PVI	574+35.04	510.53						
		574+50.00	512.45						
Linear	PVT	575+00.00	515.10						
		575+00.00	515.10						
	PVT	575+35.04	517.33						

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Linear	PVT	575+35.04	517.33	35.3478	6.80%				
		575+50.00	518.35						
	PVC	575+70.39	519.73						
Symmetrical Parabola	PVC	575+70.39	519.73	131.1463	6.80%	-0.70%	17.4862	-1.2295	209.4598
		576+00.00	521.50						
	PVI	576+35.97	524.19						
		576+50.00	523.33						
	VHIGH	576+89.30	523.78						
		577+00.00	523.74						
	PVT	577+01.54	523.73						
Linear	PVT	577+01.54	523.73	88.457	-0.70%				
		577+50.00	523.39						
	PVC	577+90.00	523.11						
Symmetrical Parabola	PVC	577+90.00	523.11	120	-0.70%	-2.63%	62.0699	-0.29	
		578+00.00	523.04						
	PVI	578+50.00	522.69						
		578+50.00	522.40						
		579+00.00	521.37						
	PVRC	579+10.00	521.11						
	PVRC	579+10.00	521.11						
Symmetrical Parabola	PVI	579+85.00	519.14	150	-2.63%	-0.58%	73.1734	0.3844	
		580+00.00	519.30						
		580+50.00	518.77						
	PVT	580+60.00	518.70						
	PVT	580+60.00	518.70						
Linear	PVC	580+76.01	518.61	16.0118	-0.58%				
		580+76.01	518.61						
	PVC	580+76.01	518.61						
Symmetrical Parabola		581+00.00	518.42	275	-0.58%	-5.33%	57.9854	-1.6303	
		581+50.00	517.70						
		582+00.00	516.56						
	PVI	582+13.51	517.81						
		582+50.00	514.98						
		583+00.00	512.98						
		583+50.00	510.54						
Linear	PVT	583+51.01	510.48	103.4267	-5.33%				
		583+51.01	510.48						
		584+00.00	507.87						
	PVC	584+54.43	504.97						
	PVC	584+54.43	504.97						
Symmetrical Parabola		585+00.00	502.97	130	-5.33%	-0.03%	24.5452	0.8607	
	PVI	585+19.43	501.51						
		585+50.00	501.75						
	PVT	585+84.43	501.49						
	PVT	585+84.43	501.49						
Linear		586+00.00	501.49	130.5615	-0.03%				
		586+50.00	501.47						
		587+00.00	501.46						
	PVC	587+15.00	501.45						
	PVC	587+15.00	501.45						
Symmetrical Parabola		587+50.00	501.13	140	-0.03%	-7.32%	19.2171	-1.2749	
	PVI	587+85.00	501.43						
		588+00.00	499.55						
		588+50.00	496.67						
	PVCC	588+55.00	496.31						
Symmetrical Parabola	PVCC	588+55.00	496.31	100	-7.32%	-7.51%	503.322	-0.0248	
		589+00.00	493.00						
	PVI	589+05.00	492.66						
		589+50.00	489.27						
	PVRC	589+55.00	488.90						
Symmetrical Parabola	PVRC	589+55.00	488.90	230	-7.51%	0.44%	28.9181	2.2866	
		590+00.00	485.87						
		590+50.00	483.32						
	PVI	590+70.00	480.26						
		591+00.00	481.64						
Linear		591+50.00	480.82	96.8751	0.44%				
	VLOW	591+72.27	480.74						
	PVT	591+85.00	480.77						
		591+85.00	480.77						
	PVC	592+00.00	480.83						
Symmetrical Parabola		592+50.00	481.05	300	0.44%	-2.85%	91.214	-1.2334	478.112
		592+81.87	481.19						
	PVC	592+81.87	481.19						
		593+00.00	481.25						
	VHIGH	593+22.01	481.28						
		593+50.00	481.24						
		594+00.00	480.95						
	PVI	594+31.87	481.85						
		594+50.00	480.38						
		595+00.00	479.54						
	PVT	595+50.00	478.43						
	595+81.87	477.58							

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Linear	PVT	595+81.87	477.58	53.3719	-2.85%				
		596+00.00	477.06						
	PVC	596+35.24	476.06						
Symmetrical Parabola	PVC	596+35.24	476.06	100	-2.85%	-0.83%	49.4331	0.2529	
		596+50.00	475.66						
	PVI	596+85.24	474.63						
		597+00.00	474.64						
	PVT	597+35.24	474.22						
		597+35.24	474.22						
		597+50.00	474.10						
Linear		598+00.00	473.69	331.753	-0.83%				
		598+50.00	473.27						
		599+00.00	472.86						
		599+50.00	472.45						
		600+00.00	472.03						
		600+50.00	471.62						
	PVC	600+67.00	471.48						
	PVC	600+67.00	471.48						
		601+00.00	471.32						
	VLOW	601+07.34	471.31						
	Symmetrical Parabola		601+50.00						
PVI		601+87.00	470.49						
		602+00.00	472.19						
		602+50.00	473.40						
		603+00.00	475.11						
PVT		603+07.00	475.39						
PVT		603+07.00	475.39						
Linear	PVC	603+14.94	475.72	7.9462	4.09%				
		603+14.94	475.72						
	PVC	603+14.94	475.72						
Symmetrical Parabola		603+50.00	477.01	280	4.09%	-2.33%	43.6615	-2.2445	308.276
		604+00.00	478.37						
		604+50.00	479.15						
	PVI	604+54.94	481.44						
	VHIGH	604+93.43	479.37						
		605+00.00	479.36						
		605+50.00	479.00						
	PVT	605+94.94	478.19						
	PVT	605+94.94	478.19						
		606+00.00	478.07						
	Linear		606+50.00						
PVC		606+94.22	475.88						
PVC		606+94.22	475.88						
Symmetrical Parabola		607+00.00	475.75	200	-2.33%	1.32%	54.9138	0.9105	
		607+50.00	474.87						
	PVI	607+94.22	473.55						
		608+00.00	474.44						
	VLOW	608+21.89	474.40						
		608+50.00	474.47						
	PVT	608+94.22	474.87						
Linear	PVT	608+94.22	474.87	208.1199	1.32%				
		609+00.00	474.95						
		609+50.00	475.61						
		610+00.00	476.27						
		610+50.00	476.						