

Element	Point Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	104+20.10	655.27	265	4.67%	6.87%	120.302	0.7297	
		104+50.00	656.71						
		105+00.00	659.27						
		105+50.00	662.04						
	PVI	105+52.60	661.46						
		106+00.00	665.02						
		106+50.00	668.20						
Linear	PVT	106+85.10	670.56	278.3175	6.87%				
		106+85.10	670.56						
		107+00.00	671.59						
		107+50.00	675.02						
		108+00.00	678.46						
		108+50.00	681.89						
		109+00.00	685.33						
Symmetrical Parabola	PVC	109+50.00	688.76	150	6.87%	5.45%	105.672	-0.2662	
		109+63.42	689.68						
		109+63.42	689.68						
		110+00.00	692.14						
	PVI	110+38.42	694.84						
		110+50.00	685.28						
		111+00.00	698.19						
Linear	PVT	111+13.42	694.84	165.0258	5.45%				
		111+13.42	694.84						
		111+50.00	700.92						
		112+00.00	703.65						
		112+50.00	706.37						
		112+78.44	707.92						
		112+78.44	707.92						
Symmetrical Parabola	PVC	112+78.44	707.92	160	5.45%	-6.53%	13.3539	-2.3963	170.0678
		113+00.00	708.92						
		113+50.00	709.91						
	VHIGH	113+51.24	709.91						
		113+58.44	712.28						
	PVI	113+58.44	712.28						
		114+00.00	709.02						
Linear	PVT	114+38.44	707.06	141.5498	-6.53%				
		114+38.44	707.06						
		114+50.00	706.31						
		115+00.00	703.04						
		115+50.00	699.78						
		115+79.99	697.82						
		115+79.99	697.82						
Symmetrical Parabola	PVC	115+79.99	697.82	150	-6.53%	-0.64%	25.4482	1.1052	
		116+00.00	696.59						
		116+50.00	694.21						
	PVI	116+54.99	692.92						
		117+00.00	692.81						
		117+29.99	692.44						
		117+29.99	692.44						
Linear	PVT	117+29.99	692.44	41.7929	-0.64%				
		117+50.00	692.32						
		117+71.79	692.18						
		117+71.79	692.18						
		118+00.00	692.05						
		118+00.00	692.05						
		118+71.79	691.54						
Symmetrical Parabola	PVC	117+71.79	692.18	200	-0.64%	1.78%	82.7103	0.6045	
		118+00.00	692.05						
	VLOW	118+24.37	692.01						
		118+50.00	692.05						
	PVI	118+71.79	691.54						
		119+00.00	692.36						
		119+50.00	692.96						
Linear	PVT	119+71.79	693.32	43.2071	1.78%				
		119+71.79	693.32						
		120+00.00	693.83						
		120+14.99	694.09						
		120+14.99	694.09						
		120+50.00	694.48						
		120+50.00	694.48						
Symmetrical Parabola	PVC	120+14.99	694.09	180	1.78%	-5.19%	25.8257	-1.5682	244.8325
		120+50.00	694.48						
	VHIGH	120+61.02	694.50						
		121+00.00	694.21						
	PVI	121+04.99	695.70						
		121+50.00	692.97						
		121+50.00	692.97						
Linear	PVT	121+94.99	691.03	36.9203	-5.19%				
		121+94.99	691.03						
		122+00.00	690.77						
		122+31.91	689.11						
		122+31.91	689.11						
		122+50.00	688.20						
		123+00.00	685.93						
Symmetrical Parabola	PVC	122+31.91	689.11	220	-5.19%	-1.85%	65.992	0.9168	
		122+50.00	688.20						
		123+00.00	685.93						
	PVI	123+41.91	683.41						
		123+50.00	684.04						
		124+00.00	682.53						
		124+50.00	681.40						
Linear	PVT	124+51.91	681.37	128.0425	-1.85%				
		124+51.91	681.37						
		125+00.00	680.48						
		125+50.00	679.55						
		125+79.96	678.99						
		125+79.96	678.99						
		126+00.00	678.54						
Symmetrical Parabola	PVC	125+79.96	678.99	230	-1.85%	-11.89%	22.9278	-2.8841	
		126+00.00	678.54						
		126+50.00	676.63						
	PVI	126+94.96	676.86						
		127+00.00	673.63						
		127+50.00	669.54						
		128+00.00	664.36						
	128+09.96	663.19							

Element	Point Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	128+09.96	663.19	24.6206	-11.89%				
	PVC	128+34.58	660.27						
	PVC	128+34.58	660.27						
Symmetrical Parabola		128+50.00	658.47	310	-11.89%	-3.11%	35.3349	3.3996	
		129+00.00	653.10						
		129+50.00	648.44						
	PVI	129+89.58	641.85						
		130+00.00	644.48						
		130+50.00	641.23						
		131+00.00	638.69						
	PVT	131+44.58	637.02						
		131+44.58	637.02						
		131+50.00	636.85						
Linear		132+00.00	635.30	74.4019	-3.11%				
		132+18.98	634.71						
	PVC	132+18.98	634.71						
		132+50.00	633.84						
		133+00.00	632.84						
Symmetrical Parabola		133+50.00	632.35	550	-3.11%	7.90%	49.9454	7.5708	
		133+74.41	632.29						
	VLOW	134+00.00	632.35						
		134+50.00	632.86						
	PVI	134+93.98	626.15						
		135+00.00	633.87						
		135+50.00	635.38						
		136+00.00	637.38						
		136+50.00	639.89						
		137+00.00	642.90						
		137+50.00	646.41						
	PVT	137+68.98	647.87						
		137+68.98	647.87						
		137+93.37	649.80						
	Linear	PVC	137+93.37						
		137+93.37	649.80						
		138+00.00	650.32						
Symmetrical Parabola		138+50.00	653.54	150	7.90%	1.03%	21.8404	-1.2877	
	PVI	138+68.37	655.73						
		139+00.00	655.62						
	PVT	139+43.37	656.50						
		139+43.37	656.50						
Linear		139+50.00	656.57	184.4306	1.03%				
		140+00.00	657.08						
		140+50.00	657.60						
		141+00.00	658.12						
	PVC	141+27.80	658.40						
		141+27.80	658.40						
		141+50.00	658.61						
Symmetrical Parabola		142+00.00	658.87	300	1.03%	-2.22%	92.1625	-1.2207	481.5239
	VHIGH	142+22.91	658.89						
		142+50.00	658.85						
	PVI	142+77.80	659.95						
		143+00.00	658.57						
		143+50.00	658.02						
		144+00.00	657.19						
	PVT	144+27.80	656.62						
		144+27.80	656.62						
		144+50.00	656.12						
Linear		145+00.00	655.01	602.1934	-2.22%				
		145+50.00	653.90						
		146+00.00	652.79						
		146+50.00	651.68						
		147+00.00	650.57						
		147+50.00	649.45						
		148+00.00	648.34						
		148+50.00	647.23						
		149+00.00	646.12						
		149+50.00	645.01						
		150+00.00	643.90						
	PVC	150+29.99	643.23						
		150+29.99	643.23						
		150+50.00	642.78						
	Symmetrical Parabola	PVI	150+79.99						
		151+00.00	641.60						
PVT		151+29.99	640.86						
		151+29.99	640.86						
		151+50.00	640.35						
Linear		152+00.00	639.09	195	-2.52%				
		152+50.00	637.83						
		153+00.00	636.57						
	PVC	153+24.99	635.94						
		153+24.99	635.94						
Symmetrical Parabola		153+50.00	635.32	250	-2.52%	-1.86%	378.433	0.2064	
		154+00.00	634.13						
	PVI	154+49.99	632.79						
		154+50.00	633.00						
		155+00.00	631.94						
		155+50.00	630.94						
		155+74.99	630.47						

Element	Point Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	155+74.99	630.47	235	-1.86%				
		156+00.00	630.01						
		156+50.00	629.08						
		157+00.00	628.15						
		157+50.00	627.22						
		158+00.00	626.29						
		158+00.00	626.29						
Symmetrical Parabola	PVC	158+09.99	626.10	400	-1.86%	7.03%	44.9984	4.4446	
		158+09.99	626.10						
		158+50.00	625.54						
	VLOW	158+93.66	625.32						
		159+00.00	625.33						
		159+50.00	625.68						
		160+00.00	626.58						
	PVI	160+09.99	622.38						
		160+50.00	628.04						
		161+00.00	630.05						
		161+50.00	632.63						
		162+00.00	635.75						
		162+09.99	636.44						
		162+09.99	636.44						
	Linear		162+50.00						
		163+00.00	642.77						
		163+50.00	646.29						
		164+00.00	649.80						
		164+50.00	653.32						
		165+00.00	656.83						
		165+50.00	660.35						
		166+00.00	663.86						
		166+50.00	667.37						
		167+00.00	670.89						
		167+50.00	674.40						
		168+00.00	677.92						
		168+50.00	681.43						
		169+00.00	684.95						
		169+50.00	688.46						
		170+00.00	691.98						
		170+50.00	695.49						
		171+00.00	699.01						
		171+50.00	702.52						
Symmetrical Parabola			172+00.00	706.04	420	7.03%	2.06%	84.512	-2.6091
	PVC	172+20.55	707.48						
		172+20.55	707.48						
		172+50.							