

Element	Point Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	683+70.97	457.69	100	-1.64%	-4.94%	30.2809	-0.4128	
		684+00.00	457.08						
	PVI	684+20.97	456.87						
		684+50.00	455.37						
	PVT	684+70.97	454.40						
Linear	PVT	684+70.97	454.40	112.2685	-4.94%				
		685+00.00	452.97						
		685+50.00	450.50						
Symmetrical Parabola	PVC	685+83.24	448.86	350	-4.94%	2.86%	44.8785	3.412	
		686+00.00	448.06						
		686+50.00	446.05						
		687+00.00	444.60						
		687+50.00	443.71						
	PVI	687+58.24	440.21						
		688+00.00	443.38						
	VLOW	688+04.99	443.38						
		688+50.00	443.60						
		689+00.00	444.38						
	PVT	689+33.24	445.21						
Linear	PVT	689+33.24	445.21	65.6625	2.86%				
		689+50.00	445.69						
	PVC	689+98.90	447.09						
Symmetrical Parabola	PVC	689+98.90	447.09	120	2.86%	-2.38%	22.9226	-0.7853	266.1412
		690+00.00	447.12						
		690+50.00	447.98						
	PVI	690+58.90	448.80						
	VHIGH	690+64.40	448.02						
		691+00.00	447.74						
	PVT	691+18.90	447.37						
Linear	PVT	691+18.90	447.37	83.3698	-2.38%				
		691+50.00	446.63						
		692+00.00	445.45						
	PVC	692+02.27	445.39						
Symmetrical Parabola	PVC	692+02.27	445.39	200	-2.38%	-0.62%	113.647	0.44	
		692+50.00	444.36						
	PVI	693+00.00	443.49						
		693+02.27	443.01						
EQNBK		693+82.00	442.54						
EQNAHD		0+00.00	442.54						
Linear	PVT	0+20.27	442.40	118.693	-0.62%				
		0+50.00	442.21						
		1+00.00	441.90						
	PVC	1+38.96	441.66						
		1+38.96	441.66						
Symmetrical Parabola	PVC	1+38.96	441.66	200	-0.62%	0.09%	282.651	0.1769	
		1+50.00	441.60						
		2+00.00	441.35						
	PVI	2+38.96	441.05						
		2+50.00	441.20						
		3+00.00	441.13						
	VLOW	3+13.54	441.12						
PVT	3+38.96	441.14							
Linear	PVT	3+38.96	441.14	10.6854	0.09%				
		3+38.96	441.14						
	PVC	3+49.64	441.15						
Symmetrical Parabola	PVC	3+49.64	441.15	430	0.09%	-1.60%	255.168	-0.9058	855.3821
		3+50.00	441.15						
	VHIGH	3+72.60	441.16						
		4+00.00	441.14						
		4+50.00	441.04						
		5+00.00	440.84						
		5+50.00	440.54						
	PVI	5+64.64	441.34						
		6+00.00	440.14						
		6+50.00	439.65						
		7+00.00	439.05						
	7+50.00	438.36							
	7+79.64	437.91							
Linear	PVT	7+79.64	437.91	56.8121	-1.60%				
		8+00.00	437.58						
	PVC	8+36.46	437.00						
Symmetrical Parabola	PVC	8+36.46	437.00	383.000	-1.60%	-0.22%	277.815	0.6600	
		8+50.00	436.79						
		9+00.00	436.06						
		9+50.00	435.42						
		10+00.00	434.87						
	PVI	10+27.96	433.95						
		10+50.00	434.42						
		11+00.00	434.05						
		11+50.00	433.77						
		12+00.00	433.58						
	PVT	12+19.46	433.53						
Linear	PVT	12+19.46	433.53	178.0628	-0.22%				
		12+50.00	433.47						
		13+00.00	433.36						
		13+50.00	433.25						
	PVC	13+97.52	433.15						

Element	Point Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	13+97.52	433.15	200	-0.22%	-0.66%	456.596	-0.1095	
		14+00.00	433.14						
		14+50.00	433.00						
	PVI	14+97.52	432.93						
		15+00.00	432.81						
		15+50.00	432.56						
Linear	PVT	15+97.52	432.28	14.1934	-0.66%				
		15+97.52	432.28						
		16+00.00	432.26						
	PVC	16+11.71	432.18						
Symmetrical Parabola	PVC	16+11.71	432.18	250	-0.66%	0.41%	234.167	0.3336	
		16+50.00	431.96						
		17+00.00	431.77						
	PVI	17+36.71	431.36						
		17+50.00	431.69						
	VLOW	17+65.01	431.68						
		18+00.00	431.71						
		18+50.00	431.84						
		18+61.71	431.88						
		18+61.71	431.88						
Linear	PVT	18+61.71	431.88	7.3873	0.41%				
		18+69.10	431.91						
	PVC	18+69.10	431.91						
Symmetrical Parabola	PVC	19+00.00	432.03	260	0.41%	-0.04%	580.375	-0.1456	2538.892
		19+50.00	432.19						
	PVI	19+99.10	432.45						
		20+00.00	432.30						
		20+50.00	432.38						
		21+00.00	432.41						
	VHIGH	21+08.79	432.41						
	PVT	21+29.10	432.40						
		21+29.10	432.40						
		21+50.00	432.40						
Linear		22+00.00	432.38	193.5232	-0.04%				
		22+50.00	432.36						
		23+00.00	432.34						
	PVI	23+22.62	432.34						
		23+22.62	432.34						
		23+50.00	432.31						
		24+00.00	432.26						
		24+50.00	432.21						
		25+00.00	432.15						
		25+50.00	432.10						
Symmetrical Parabola	PVC	26+09.08	432.04	100	-0.10%	0.60%	143.597	0.087	
		26+09.08	432.04						
	VLOW	26+23.70	432.04						
		26+50.00	432.06						
	PVI	26+59.08	431.99						
		27+00.00	432.24						
Linear	PVT	27+09.08	432.29	30.0444	0.60%				
		27+09.08	432.29						
	PVC	27+39.13	432.47						
Symmetrical Parabola	PVC	27+39.13	432.47	100	0.60%	-0.74%	75.0565	-0.1665	859.9728
		27+50.00	432.53						
	VHIGH	27+83.76	432.60						
	PVI	27+89.13	432.77						
		28+00.00	432.58						
Linear	PVT	28+39.13	432.40	10.8649	-0.74%				
		28+39.13	432.40						
	PVC	28+49.99	432.32						
		28+49.99	432.32						
Symmetrical Parabola	PVC	28+49.99	432.32	100	-0.74%	-0.14%	166.518	0.0751	
		28+50.00	432.32						
	PVI	28+99.99	431.95						
		29+00.00	432.02						
	PVT	29+49.99	431.88						
Linear	PVT	29+49.99	431.88	91.3421	-0.14%				
		29+50.00	431.88						
		30+00.00	431.81						
	PVC	30+41.34	431.75						
		30+41.34	431.75						
Symmetrical Parabola	PVC	30+41.34	431.75	250	-0.14%	0.07%	1185.2	0.0659	
		30+50.00	431.74						
		31+00.00	431.69						
		31+50.00	431.65						
	PVI	31+66.34	431.58						
		32+00.00	431.64						
	VLOW	32+03.91	431.64						
		32+50.00	431.65						
	PVT	32+91.34	431.67						
		32+91.34	431.67						
Linear		33+00.00	431.68	273.0623	0.07%				
		33+50.00	431.72						
		34+00.00	431.76						
		34+50.00	431.79						
		35+00.00	431.83						
		35+50.00	431.87						
	PVC	35+64.40	431.88						

Element	Point Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	35+64.40	431.88	100	0.07%	-0.05%	818.246	-0.0153	8880.102
		36+00.00	431.89						
	PVI	36+14.40	431.91						
	VHIGH	36+24.75	431.90						
		36+50.00	431.89						
		36+64.40	431.89						
Linear	PVT	36+64.40	431.89	124.8769	-0.05%				
		37+00.00	431.87						
		37+50.00	431.85						
	PVC	37+89.28	431.83						
Symmetrical Parabola	PVC	37+89.28	431.83	100	-0.05%	1.36%	70.9442	0.1762	
	VLOW	37+92.71	431.83						
		38+00.00	431.83						
	PVI	38+39.28	431.80						
		38+50.00	432.06						
Linear	PVT	38+89.28	432.48	8.4082	1.36%				
		38+89.28	432.48						
	PVC	38+97.68	432.60						
Symmetrical Parabola	PVC	38+97.68	432.60	100	1.36%	0.83%	186.847	-0.0669	
		39+00.00	432.63						
	PVI	39+47.68	433.28						
Linear	PVT	39+50.00	433.24	72.7921	0.83%				
		39+50.00	433.24						
		39+97.68	433.69						
		39+97.68	433.69						
	PVC	40+70.48	434.29						
Symmetrical Parabola	PVC	40+70.48	434.29	300	0.83%	3.17%	128.05	0.8786	
		41+00.00	434.57						
		41+50.00	435.20						
	PVI	42+20.48	435.53						
		42+50.00	437.04						
		43+00.00	438.25						
		43+50.00	439.65						
		43+70.48	440.29						
		43+70.48	440.29						
		44+00.00	441.22						
Linear		44+50.00	442.81	99.7034	3.17%				
	PVC	44+70.18	443.45						
		44+70.18	443.45						
		45+00.00	444.35						
Symmetrical Parabola		45+50.00	445.66	350	3.17%	-0.30%	100.901	-1.5176	486.107
		46+00.00	446.72						
	PVI	46+45.18	448.99						
		46+50.00	447.54						
		47+00.00	448.11						
		47+50.00	448.43						
	VHIGH	47+89.91	448.51						
		48+00.00	448.51						
		48+20.18	448.47						
		48+20.18	448.47						
Linear		48							