

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	A 22+45.00	471.28	300	3.58%	2.95%	477.51	-0.24	1867.7
	POVC	A 22+50.00	471.46						
	POVC	A 23+00.00	473.22						
	POVC	A 23+50.00	474.92						
	PVI	A 23+95.00	476.65						
	POVC	A 24+00.00	476.58						
	POVC	A 24+50.00	478.18						
	POVC	A 25+00.00	479.73						
	PVT	A 25+45.00	481.08						
	PVT	A 25+45.00	481.08						
Linear	POVT	A 25+50.00	481.23	795	2.95%				
	POVT	A 26+00.00	482.71						
	POVT	A 26+50.00	484.18						
	POVT	A 27+00.00	485.66						
	POVT	A 27+50.00	487.14						
	POVT	A 28+00.00	488.61						
	POVT	A 28+50.00	490.09						
	POVT	A 29+00.00	491.57						
	POVT	A 29+50.00	493.04						
	POVT	A 30+00.00	494.52						
	POVT	A 30+50.00	496						
	POVT	A 31+00.00	497.47						
	POVT	A 31+50.00	498.95						
	POVT	A 32+00.00	500.43						
	POVT	A 32+50.00	501.9						
	POVT	A 33+00.00	503.38						
	PVC	A 33+40.00	504.56						
	Symmetrical Parabola	PVC	A 33+40.00						
POVC		A 33+50.00	504.86						
POVC		A 34+00.00	506.27						
POVC		A 34+50.00	507.58						
POVC		A 35+00.00	508.81						
POVC		A 35+50.00	509.94						
POVC		A 36+00.00	510.98						
POVC		A 36+50.00	511.92						
PVI		A 36+90.00	514.9						
POVC		A 37+00.00	512.77						
POVC		A 37+50.00	513.53						
POVC		A 38+00.00	514.19						
POVC		A 38+50.00	514.76						
POVC		A 39+00.00	515.23						
POVC		A 39+50.00	515.62						
POVC		A 40+00.00	515.9						
PVT		A 40+40.00	516.07						
Linear		PVT	A 40+40.00	516.07	65	0.33%			
	POVT	A 40+50.00	516.1						
	POVT	A 41+00.00	516.27						
	PVC	A 41+05.00	516.28						
Symmetrical Parabola	PVC	A 41+05.00	516.28	220	0.33%	-0.59%	238.33	-0.25	1279.08
	POVC	A 41+50.00	516.39						
	VHIGH	A 41+84.44	516.42						
	POVC	A 42+00.00	516.41						
	PVI	A 42+15.00	516.65						
	POVC	A 42+50.00	516.33						
	POVC	A 43+00.00	516.14						
	PVT	A 43+25.00	516						
	PVT	A 43+25.00	516						
	Linear	POVT	A 43+50.00						
POVT		A 44+00.00	515.56						
POVT		A 44+50.00	515.26						
POVT		A 45+00.00	514.97						
POVT		A 45+50.00	514.67						
PVC		A 45+90.00	514.44						
Symmetrical Parabola	PVC	A 45+90.00	514.44	420	-0.59%	-5.06%	93.88	-2.35	451.21
	POVC	A 46+00.00	514.37						
	POVC	A 46+50.00	513.89						
	POVC	A 47+00.00	513.15						
	POVC	A 47+50.00	512.13						
	PVI	A 48+00.00	513.2						
	POVC	A 48+00.00	510.85						
	POVC	A 48+50.00	509.3						
	POVC	A 49+00.00	507.49						
	POVC	A 49+50.00	505.41						
Linear	POVC	A 50+00.00	503.07	315	-5.06%				
	PVT	A 50+10.00	502.57						
	PVT	A 50+10.00	502.57						
	POVT	A 50+50.00	500.54						
	POVT	A 51+00.00	498.01						
	POVT	A 51+50.00	495.48						
	POVT	A 52+00.00	492.95						
	POVT	A 52+50.00	490.41						
	POVT	A 53+00.00	487.88						
	PVC	A 53+25.00	486.62						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	A 53+25.00	486.62	50	-5.06%	-5.04%	2246.5	0	
	PVI	A 53+50.00	485.35						
	POVC	A 53+50.00	485.35						
	PVT	A 53+75.00	484.09						
	PVT	A 53+75.00	484.09						
Linear	POVT	A 53+75.00	484.09	675	-5.04%				
	POVT	A 54+00.00	482.83						
	POVT	A 54+50.00	480.31						
	POVT	A 55+00.00	477.79						
	POVT	A 55+50.00	475.27						
	POVT	A 56+00.00	472.75						
	POVT	A 56+50.00	470.23						
	POVT	A 57+00.00	467.71						
	POVT	A 57+50.00	465.18						
	POVT	A 58+00.00	462.66						
	POVT	A 58+50.00	460.14						
	POVT	A 59+00.00	457.62						
	Symmetrical Parabola	PVC	A 60+50.00						
PVI		A 60+75.00	448.8						
PVT		A 61+00.00	447.52						
PVT		A 61+00.00	447.52						
POVT		A 61+50.00	444.96						
Linear	POVT	A 62+00.00	442.4	195	-5.12%				
	POVT	A 62+50.00	439.84						
	PVC	A 62+95.00	437.53						
	PVC	A 62+95.00	437.53						
Symmetrical Parabola	PVC	A 62+95.00	437.53	50	-5.12%	-4.77%	141.18	0.02	
	POVC	A 63+00.00	437.28						
	PVI	A 63+20.00	436.25						
	PVT	A 63+45.00	435.06						
	PVT	A 63+45.00	435.06						
Linear	POVT	A 63+50.00	434.82	120	-4.77%				
	POVT	A 64+00.00	432.44						
	POVT	A 64+50.00	430.05						
	PVC	A 64+65.00	429.34						
	PVC	A 64+65.00	429.34						
Symmetrical Parabola	POVC	A 65+00.00	427.74	530	-4.77%	1.54%	83.96	4.18	
	POVC	A 65+50.00	425.71						
	POVC	A 66+00.00	423.98						
	POVC	A 66+50.00	422.55						
	POVC	A 67+00.00	421.42						
	PVI	A 67+30.00	416.7						
	POVC	A 67+50.00	420.58						
	POVC	A 68+00.00	420.05						
	POVC	A 68+50.00	419.81						
	VLOW	A 68+65.35	419.79						
Linear	POVC	A 69+00.00	419.86	235	1.54%				
	POVC	A 69+50.00	420.22						
	PVT	A 69+95.00	420.79						
	PVT	A 69+95.00	420.79						
	POVT	A 70+00.00	420.87						
	POVT	A 70+50.00	421.64						
	POVT	A 71+00.00	422.41						
	POVT	A 71+50.00	423.19						
	POVT	A 72+00.00	423.96						
	PVC	A 72+30.00	424.42						
Symmetrical Parabola	PVC	A 72+30.00	424.42	360	1.54%	-4.28%	61.87	-2.62	365.45
	POVC	A 72+50.00	424.7						
	POVC	A 73+00.00	425.11						
	VHIGH	A 73+25.53	425.16						
	POVC	A 73+50.00	425.11						
	POVC	A 74+00.00	424.71						
	PVI	A 74+10.00	427.2						
	POVC	A 74+50.00	423.91						
	POVC	A 75+00.00	422.7						
	POVC	A 75+50.00	421.09						
Linear	PVT	A 75+90.00	419.51	55	-4.28%				
	PVT	A 75+90.00	419.51						
	POVT	A 76+00.00	419.08						
	PVC	A 76+45.00	417.15						
	PVC	A 76+45.00	417.15						
Symmetrical Parabola	POVC	A 76+50.00	416.94	330	-4.28%	0.13%	75	1.82	
	POVC	A 77+00.00	415						
	POVC	A 77+50.00	413.4						
	POVC	A 78+00.00	412.13						
	PVI	A 78+10.00	410.1						
	POVC	A 78+50.00	411.19						
	POVC	A 79+00.00	410.59						
	POVC	A 79+50.00	410.32						
	VLOW	A 79+65.63	410.3						
	PVT	A 79+75.00	410.31						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	A 79+75.00	410.31	250	0.13%				
	POVT	A 80+00.00	410.34						
	POVT	A 80+50.00	410.4						
	POVT	A 81+00.00	410.46						
	POVT	A 81+50.00	410.53						
	POVT	A 82+00.00	410.59						
	PVC	A 82+25.00	410.62						
Symmetrical Parabola	PVC	A 82+25.00	410.62	50	0.13%	-0.25%	133.33	-0.02	2902.73
	VHIGH	A 82+41.67	410.63						
	PVI	A 82+50.00	410.65						
	POVC	A 82+50.00	410.63						
	PVT	A 82+75.00	410.59						
Linear	PVT	A 82+75.00	410.59	50	-0.25%				
	POVT	A 83+00.00	410.53						
	PVC	A 83+25.00	410.46						
Symmetrical Parabola	PVC	A 83+25.00	410.46	50	-0.25%	0.11%	137.25	0.02	
	PVI	A 83+50.00	410.4						
	POVC	A 83+50.00	410.42						
	VLOW	A 83+59.31	410.42						
	PVT	A 83+75.00	410.43						
Linear	PVT	A 83+75.00	410.43	460	0.11%				
	POVT	A 84+00.00	410.46						
	POVT	A 84+50.00	410.51						
	POVT	A 85+00.00	410.57						
	POVT	A 85+50.00	410.63						
	POVT	A 86+00.00	410.69						
	POVT	A 86+50.00	410.74						
	POVT	A 87+00.00	410.8						
	POVT	A 87+50.00	410.86						
	POVT	A 88+00.00	410.91						
Symmetrical Parabola	PVC	A 88+35.00	410.95	80	0.11%	1.07%	84	0.1	
	POVC	A 88+50.00	410.98						
	PVI	A 88+75.00	411						
	POVC	A 89+00.00	411.28						
	PVRC	A 89+15.00	411.43						
Symmetrical Parabola	PVRC	A 89+15.00	411.43	70	1.07%	0.09%	71.45	-0.09	1136.5
	PVI	A 89+50.00	411.8						
	POVC	A 89+50.00	411.71						
	PVT	A 89+85.00	411.83						
Linear	PVT	A 89+85.00	411.83	55	0.09%				
	POVT	A 90+00.00	411.84						
	PVC	A 90+40.00	411.88						
Symmetrical Parabola	PVC	A 90+40.00	411.88	50	0.09%	0.21%	401.34	0.01	
	POVC	A 90+50.00	411.89						
	PVI	A 90+65.00	411.9						
	PVT	A 90+90.00	411.95						
Linear	PVT	A 90+90.00	411.95	210	0.21%				
	POVT	A 91+00.00	411.97						
	POVT	A 91+50.00	412.08						
	POVT	A 92+00.00	412.19						
	POVT	A 92+50.00	412.29						
Symmetrical Parabola	PVC	A 93+00.00	412.4	50	0.21%	0.23%	2294.1	0	
	PVI	A 93+25.00	412.45						
	PVT	A 93+50.00	412.51						
	PVT	A 93+50.00	412.51						
Linear	POVT	A 93+50.00	412.51	100	0.23%				
	POVT	A 94+00.00	412.63						
	PVC	A 94+50.00	412.74						
Symmetrical Parabola	PVC	A 94+50.00	412.74	50	0.23%	0.25%	2999.1	0	
	PVI	A 94+75.00	412.8						
	PVT	A 95+00.00	412.86						
	PVT	A 95+00.00	4						