

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	POB	126+39.99	751.10	72.57	6.17%				
	POVT	126+50.00	751.72						
	POVT	127+00.00	754.81						
	PVC	127+12.56	755.58						
Symmetrical Parabola	PVC	127+12.56	755.58	490	6.17%	-0.68%	71.48	-4.2	392.77
	POVC	127+50.00	757.80						
	POVC	128+00.00	760.44						
	POVC	128+50.00	762.74						
	POVC	129+00.00	764.69						
	POVC	129+50.00	766.29						
	PVI	129+57.56	770.70						
	POVC	130+00.00	767.54						
	POVC	130+50.00	768.44						
	POVC	131+00.00	768.99						
	POVC	131+50.00	769.19						
	VHIGH	131+53.63	769.19						
	POVC	132+00.00	769.04						
	PVT	132+02.56	769.02						
Linear	POVT	132+50.00	768.70	68.95	-0.68%				
	PVC	132+71.52	768.55						
	PVC	132+71.52	768.55						
Symmetrical Parabola	POVC	133+00.00	768.41	85	-0.68%	0.43%	76.25	0.12	
	PVI	133+14.02	768.26						
	VLOW	133+23.72	768.37						
	POVC	133+50.00	768.42						
	PVT	133+56.52	768.44						
Linear	PVT	133+56.52	768.44	68.21	0.43%				
	POVT	134+00.00	768.63						
	PVC	134+24.73	768.74						
Symmetrical Parabola	PVC	134+24.73	768.74	160	0.43%	-2.15%	62.11	-0.52	498.9
	POVC	134+50.00	768.79						
	VHIGH	134+51.44	768.79						
	POVC	135+00.00	768.60						
	PVI	135+04.73	769.08						
Linear	POVC	135+00.00	768.01	82.51	-2.15%				
	PVT	135+84.73	767.36						
	PVT	135+84.73	767.36						
	POVT	136+00.00	767.04						
	PVC	136+50.00	765.96						
Symmetrical Parabola	PVC	136+67.24	765.59	235	-2.15%	3.76%	39.82	1.73	
	POVC	137+00.00	765.03						
	POVC	137+50.00	764.68						
	VLOW	137+52.70	764.68						
	PVI	137+84.74	763.07						
	POVC	138+00.00	764.96						
	POVC	138+50.00	765.87						
Linear	POVC	139+00.00	767.40	66.91	3.76%				
	PVT	139+02.24	767.49						
	PVT	139+02.24	767.49						
	POVT	139+50.00	769.28						
	PVC	139+89.15	770.00						
Symmetrical Parabola	PVC	139+89.15	770.00	150	3.76%	0.33%	43.78	-0.64	390
	POVC	140+00.00	771.05						
	PVI	140+44.15	772.81						
	POVC	140+50.00	772.29						
	POVC	141+00.00	772.96						
Linear	PVT	141+19.15	773.06	5.84	0.33%				
	PVC	141+24.99	773.08						
	PVC	141+24.99	773.08						
Symmetrical Parabola	POVC	141+50.00	773.17	500	0.33%	1.15%	611.2	0.51	
	POVC	142+00.00	773.37						
	POVC	142+50.00	773.62						
	POVC	143+00.00	773.91						
	POVC	143+50.00	774.24						
	PVI	143+74.99	773.91						
	POVC	144+00.00	774.61						
	POVC	144+50.00	775.02						
	POVC	145+00.00	775.47						
	POVC	145+50.00	775.96						
	PVT	146+24.99	776.78						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	146+24.99	776.78	39.74	1.15%				
	POVT	146+50.00	777.06						
	PVC	146+64.73	777.23						
	PVC	146+64.73	777.23						
Symmetrical Parabola	PVI	146+89.73	777.52	50	1.15%	1.86%	70.68	0.04	
	POVC	147+00.00	777.72						
	PVT	147+14.73	777.98						
Linear	PVT	147+14.73	777.98	105.84	1.86%				
	POVT	147+50.00	778.64						
	POVT	148+00.00	779.56						
	PVC	148+20.57	779.95						
	PVC	148+20.57	779.95						
Symmetrical Parabola	POVC	148+50.00	780.40	160	1.86%	-1.50%	47.65	-0.67	401.4
	POVC	149+00.00	780.76						
	PVI	149+00.57	781.43						
	VHIGH	149+08.97	780.77						
	POVC	149+50.00	780.59						
	PVT	149+80.57	780.23						
Linear	PVT	149+80.57	780.23	42.37	-1.50%				
	POVT	150+00.00	779.94						
	PVC	150+22.94	779.59						
Symmetrical Parabola	PVC	150+22.94	779.59	75	-1.50%	0.14%	45.53	0.15	
	POVC	150+50.00	779.26						
	PVI	150+60.44	779.03						
	VLOW	150+91.35	779.08						
	PVT	150+97.94	779.08						
Linear	PVT	150+97.94	779.08	178.67	0.14%				
	POVT	151+00.00	779.08						
	POVT	151+50.00	779.16						
	POVT	152+00.00	779.23						
	POVT	152+50.00	779.30						
Symmetrical Parabola	PVC	152+76.61	779.34	75	0.14%	-2.15%	32.69	-0.22	507.79
	PVC	152+76.61	779.34						
	VHIGH	152+81.34	779.34						
	POVC	153+00.00	779.29						
	PVI	153+14.11	779.39						
	POVC	153+50.00	778.62						
Linear	PVT	153+51.61	778.59	49.03	-2.15%				
	PVT	153+51.61	778.59						
	POVT	154+00.00	777.55						
	PVC	154+00.63	777.53						
	PVC	154+00.63	777.53						
Symmetrical Parabola	PVI	154+40.63	776.67	80	-2.15%	0.04%	36.45	0.22	
	POVC	154+50.00	776.81						
	VLOW	154+79.00	776.69						
	PVT	154+80.63	776.69						
Linear	PVT	154+80.63	776.69	1.78	0.04%				
	PVC	154+82.42	776.69						
	PVC	154+82.42	776.69						
Symmetrical Parabola	POVC	155+00.00	776.72	150	0.04%	1.51%	102.4	0.27	
	POVC	155+50.00	776.95						
	PVI	155+57.42	776.73						
	POVC	156+00.00	777.42						
	PVT	156+32.42	777.86						
Linear	PVT	156+32.42	777.86	90.72	1.51%				
	POVT	156+50.00	778.12						
	POVT	157+00.00	778.88						
	PVC	157+23.14	779.23						
	PVC	157+23.14	779.23						
Symmetrical Parabola	POVC	157+50.00	779.66	450	1.51%	5.22%	121.2	2.09	
	POVC	158+00.00	780.63						
	POVC	158+50.00	781.81						
	POVC	159+00.00	783.19						
	PVI	159+48.14	782.63						
	POVC	159+50.00	784.78						
	POVC	160+00.00	786.57						
	POVC	160+50.00	788.57						
	POVC	161+00.00	790.78						
	POVC	161+50.00	793.19						
Linear	PVT	161+73.14	794.37	91.14	5.22%				
	PVT	161+73.14	794.37						
	POVT	162+00.00	795.78						
	POVT	162+50.00	798.39						
	PVC	162+64.28	799.13						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	162+64.28	799.13	130	5.22%	2.88%	55.39	-0.38	524.79
	POVC	163+00.00	800.88						
	PVI	163+29.28	802.53						
	POVC	163+50.00	802.95						
Linear	PVT	163+94.28	804.40	154.89	2.88%				
	PVT	163+94.28	804.40						
	POVT	164+00.00	804.56						
	POVT	164+50.00	806.00						
	POVT	165+00.00	807.44						
Symmetrical Parabola	PVC	165+49.17	808.85	50	2.88%	4.25%	36.31	0.09	
	PVC	165+50.00	808.87						
	PVI	165+74.17	809.57						
	PVT	165+99.17	810.63						
	PVT	165+99.17	810.63						
	POVT	166+00.00	810.67						
Linear	POVT	166+50.00	812.79	186.66	4.25%				
	POVT	167+00.00	814.92						
	POVT	167+50.00	817.04						
	PVC	167+85.83	818.57						
	PVC	167+85.83	818.57						
Symmetrical Parabola	POVC	168+00.00	819.13	240	4.25%	-4.73%	26.72	-2.69	240.17
	POVC	168+50.00	820.53						
	VHIGH	168+99.46	820.98						
	POVC	169+00.00	820.98						
	PVI	169+05.83	823.67						
	POVC	169+50.00	820.51						
	POVC	170+00.00	819.09						
Linear	PVT	170+25.83	818.00	30.75	-4.73%				
	PVT	170+25.83	818.00						
	POVT	170+50.00	816.85						
	PVC	170+56.58	816.54						
	PVC	170+56.58	816.54						
Symmetrical Parabola	POVC	171+00.00	814.66	240	-4.73%	-0.30%	54.16	1.33	
	POVC	171+50.00	812.93						
	PVI	171+76.58	810.87						
	POVC	172+00.00	811.66						
	POVC	172+50.00	810.85						
	PVT	172+96.58	810.51						
Linear	PVT	172+96.58	810.51	135.92	-0.30%				
	POVT	173+00.00	810.50						
	POVT	173+50.00	810.35						
	POVT	174+00.00	810.20						
	PVC	174+32.50	810.11						
Symmetrical Parabola	PVC	174+32.50	810.11	125	-0.30%	-1.65%	92.73	-0.21	863.02
	POVC	174+50.00	810.04						
	PVI	174+95.00	809.92						
	POVC	175+00.00	809.68						
	POVC	175+50.00	809.01						
	PVT	175+57.50	808.89						
Linear	PVT	175+57.50	808.89	74.5	-1.65%				
	POVT	176+00.00	808.19						
	PVC	176+32.00	807.67						
	PVC	176+32.00	807.67						
	POVC	176+50.00	807.42						
Symmetrical Parabola	VLOW	176+85.47	807.23	300	-1.65%	7.58%	32.5	3.46	
	POVC	177+00.00	807.26						
	POVC	177+50.00	807.87						
	PVI	177+82.00	805.20						
	POVC	178+00.00	809.25						
	POVC	178+50.00	811.39						
	POVC	179+00.00	814.31						
Linear	PVT	179+32.00	816.58	136.74	7.58%				
	POVT	179+50.00	817.94						
	POVT	180+00.00	821.73						
	POVT	180+50.00	825.53						
	PVC	180+68.74	826.95						
	PVC	180+68.74	826.95						
	POVC	181+00.00	829.15						
Symmetrical Parabola	POVC	181+50.00	832.00	225	7				