

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	b 98+90.00	205.41	22.5	9.30%				
	POVT	b 99+00.00	206.34						
Symmetrical Parabola	PVC	b 99+12.50	207.51	75	9.30%	5.48%	19.65	-0.36	320.3
	PVI	b 99+50.00	210.99						
	POVC	b 99+50.00	210.64						
	PVT	b 99+87.50	213.05						
	PVT	b 99+87.50	213.05						
Linear	POVT	b 100+00.00	213.73	57.5	5.48%				
	PVC	b 100+45.00	216.20						
	PVC	b 100+45.00	216.20						
Symmetrical Parabola	POVC	b 100+50.00	216.48	60	5.48%	6.02%	112.16	0.04	
	PVI	b 100+75.00	217.84						
	POVC	b 101+00.00	219.35						
	PVT	b 101+05.00	219.65						
	PVT	b 101+05.00	219.65						
Linear	POVT	b 101+50.00	222.36	85	6.02%				
	PVC	b 101+90.00	224.76						
	PVC	b 101+90.00	224.76						
Symmetrical Parabola	POVC	b 102+00.00	225.36	60	6.02%	5.04%	61.66	-0.07	1138.94
	PVI	b 102+20.00	226.57						
	PVT	b 102+50.00	228.08						
Linear	PVT	b 102+50.00	228.08	105	5.04%				
	POVT	b 103+00.00	230.60						
	POVT	b 103+50.00	233.12						
	PVC	b 103+55.00	233.38						
	PVC	b 103+55.00	233.38						
Symmetrical Parabola	POVC	b 104+00.00	235.95	150	5.04%	9.59%	32.97	0.85	
	PVI	b 104+30.00	237.16						
	POVC	b 104+50.00	239.54						
	POVC	b 105+00.00	243.88						
	PVT	b 105+05.00	244.35						
Linear	PVT	b 105+05.00	244.35	75	9.59%				
	POVT	b 105+50.00	248.67						
	PVC	b 105+80.00	251.55						
Symmetrical Parabola	PVC	b 105+80.00	251.55	110	9.59%	4.10%	20.02	-0.76	251.45
	POVC	b 106+00.00	253.37						
	PVI	b 106+35.00	256.82						
	POVC	b 106+50.00	257.04						
	PVT	b 106+90.00	259.08						
Linear	PVT	b 106+90.00	259.08	130	4.10%				
	POVT	b 107+00.00	259.49						
	POVT	b 107+50.00	261.54						
	POVT	b 108+00.00	263.59						
	PVC	b 108+20.00	264.41						
Symmetrical Parabola	PVC	b 108+20.00	264.41	110	4.10%	2.32%	61.88	-0.24	662.05
	POVC	b 108+50.00	265.56						
	PVI	b 108+75.00	266.66						
	POVC	b 109+00.00	267.17						
	PVT	b 109+30.00	267.94						
Linear	PVT	b 109+30.00	267.94	117.5	2.32%				
	POVT	b 109+50.00	268.40						
	POVT	b 110+00.00	269.56						
	PVC	b 110+47.50	270.67						
	PVC	b 110+47.50	270.67						
Symmetrical Parabola	POVC	b 110+50.00	270.73	125	2.32%	3.88%	80.36	0.24	
	PVI	b 111+10.00	272.12						
	POVC	b 111+50.00	273.70						
	PVT	b 111+72.50	274.54						
	PVT	b 111+72.50	274.54						
Linear	POVT	b 112+00.00	275.61	47.5	3.88%				
	PVC	b 112+20.00	276.38						
	PVC	b 112+20.00	276.38						
Symmetrical Parabola	POVC	b 112+50.00	277.48	200	3.88%	0.92%	67.64	-0.74	464.99
	POVC	b 113+00.00	279.01						
	PVI	b 113+20.00	280.26						
	POVC	b 113+50.00	280.17						
	POVC	b 114+00.00	280.97						
	PVT	b 114+20.00	281.18						
	PVT	b 114+20.00	281.18						
Linear	POVT	b 114+50.00	281.46	80	0.92%				
	PVC	b 115+00.00	281.92						
	PVC	b 115+00.00	281.92						
Symmetrical Parabola	PVI	b 115+50.00	282.38	100	0.92%	1.65%	137.12	0.09	
	POVC	b 115+50.00	282.47						
	PVT	b 116+00.00	283.20						
	PVT	b 116+00.00	283.20						
Linear	POVT	b 116+50.00	284.03	155.96	1.65%				
	POVT	b 117+00.00	284.85						
		b 117+45.96							
	c	0+00							
	POVT	c 0+00	285.61						
	PVC	c 0+10	285.78						
	PVC	c 0+10	285.78						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	c 0+10	285.78	150	1.65%	3.41%	85.22	0.33	
	POVC	c 0+50	286.53						
	PVI	c 0+85	287.01						
	POVC	c 1+00.00	287.74						
	POVC	c 1+50.00	289.24						
Linear	PVT	c 1+60.00	289.57	95	3.41%				
	POVT	c 2+00.00	290.94						
	POVT	c 2+50.00	292.64						
	PVC	c 2+55.00	292.81						
	PVC	c 2+55.00	292.81						
Symmetrical Parabola	POVC	c 3+00.00	294.68	150	3.41%	8.31%	30.61	0.92	
	PVI	c 3+30.00	295.37						
	POVC	c 3+50.00	297.52						
	POVC	c 4+00.00	301.19						
	PVT	c 4+05.00	301.60						
	PVT	c 4+05.00	301.60						
	PVT	c 4+05.00	301.60						
Linear	POVT	c 4+50.00	305.34	57.5	8.31%				
	PVC	c 4+62.50	306.38						
	PVC	c 4+62.50	306.38						
Symmetrical Parabola	POVC	c 5+00.00	309.16	125	8.31%	2.42%	21.21	-0.92	245.62
	PVI	c 5+25.00	311.57						
	POVC	c 5+50.00	311.85						
	PVT	c 5+87.50	313.08						
	PVT	c 5+87.50	313.08						
Linear	POVT	c 6+00.00	313.39	87.5	2.42%				
	POVT	c 6+50.00	314.59						
	PVC	c 6+75.00	315.20						
	PVC	c 6+75.00	315.20						
	PVC	c 6+75.00	315.20						
Symmetrical Parabola	POVC	c 7+00.00	315.84	390	2.42%	7.29%	80.01	2.38	
	POVC	c 7+50.00	317.36						
	POVC	c 8+00.00	319.20						
	POVC	c 8+50.00	321.34						
	PVI	c 8+70.00	319.91						
	POVC	c 9+00.00	323.80						
	POVC	c 9+50.00	326.57						
	POVC	c 10+00.00	329.65						
	POVC	c 10+50.00	333.05						
	PVT	c 10+65.00	334.13						
	PVT	c 10+65.00	334.13						
	PVT	c 11+00.00	336.68						
	PVT	c 11+50.00	340.33						
PVC	c 11+97.50	343.79							
Symmetrical Parabola	PVC	c 11+97.50	343.79	75	7.29%	6.13%	64.79	-0.11	969.78
	POVC	c 12+00.00	343.97						
	PVI	c 12+35.00	346.52						
	POVC	c 12+50.00	347.40						
	PVT	c 12+72.50	348.82						
Linear	PVT	c 12+72.50	348.82	35	6.13%				
	POVT	c 13+00.00	350.51						
	PVC	c 13+07.50	350.97						
Symmetrical Parabola	PVC	c 13+07.50	350.97	125	6.13%	10.00%	32.31	0.6	
	POVC	c 13+50.00	353.86						
	PVI	c 13+70.00	354.80						
	POVC	c 14+00.00	357.97						
	PVT	c 14+32.50	361.05						
Linear	PVT	c 14+32.50	361.05	102.5	10.00%				
	POVT	c 14+50.00	362.80						
	POVT	c 15+00.00	367.81						
	PVC	c 15+35.00	371.31						
	PVC	c 15+35.00	371.31						
Symmetrical Parabola	POVC	c 15+50.00	372.79	120	10.00%	8.06%	61.77	-0.29	615.51
	PVI	c 15+95.00	377.31						
	POVC	c 16+00.00	377.46						
	POVC	c 16+50.00	381.74						
	PVCC	c 16+55.00	382.14						

PVC - POINT OF VERTICAL CURVATURE  
PVT - POINT OF VERTICAL TANGENCY  
PVI - POINT OF VERTICAL INTERSECTION  
POVT - POINT ON VERTICAL TANGENT  
POVT - POINT ON VERTICAL CURVE

**VERTICAL  
ALIGNMENT  
TABLE  
SHEET 5**

PROJECT NAME: ADDISON - NEW HAVEN  
PROJECT NUMBER: STP 9632(1)  
FILE NAME: p95B076.dgn PLOT DATE: 3/13/2012  
PROJECT LEADER: CDL DRAWN BY: SJL  
DESIGNED BY: SJL CHECKED BY: EPD  
PLOT FILE: p95B076\_98.1 SHEET 98 OF 186