

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	d	145+72.50	380.01	170	2.44%				
	POVT	d	146+00.00	380.68						
	POVT	d	146+50.00	381.90						
	POVT	d	147+00.00	383.12						
	PVC	d	147+42.50	384.15						
Symmetrical Parabola	PVC	d	147+42.50	384.15	125	2.44%	0.83%	77.98	-0.25	735.75
	POVC	d	147+50.00	384.33						
	POVC	d	148+00.00	385.34						
	PVI	d	148+05.00	385.68						
	POVC	d	148+50.00	386.03						
Linear	PVT	d	148+67.50	386.20	102.5	0.83%				
	POVT	d	148+67.50	386.20						
	POVT	d	149+00.00	386.47						
	POVT	d	149+50.00	386.89						
	PVC	d	149+70.00	387.05						
Symmetrical Parabola	PVC	d	149+70.00	387.05	100	0.83%	1.98%	87.44	0.14	
	POVC	d	150+00.00	387.35						
	PVI	d	150+20.00	387.47						
	POVC	d	150+50.00	388.09						
	PVT	d	150+70.00	388.46						
Linear	PVT	d	150+70.00	388.46	185	1.98%				
	POVT	d	151+00.00	389.05						
	POVT	d	151+50.00	390.04						
	POVT	d	152+00.00	391.03						
	POVT	d	152+50.00	392.02						
Symmetrical Parabola	PVC	d	152+55.00	392.12	60	1.98%	1.13%	70.87	-0.06	1304.67
	PVI	d	152+85.00	392.71						
	POVC	d	153+00.00	392.87						
	PVT	d	153+15.00	393.05						
	PVT	d	153+15.00	393.05						
Linear	POVT	d	153+50.00	393.45	70	1.13%				
	PVC	d	153+85.00	393.84						
	PVC	d	153+85.00	393.84						
Symmetrical Parabola	POVC	d	154+00.00	394.02	60	1.13%	1.50%	161.94	0.03	
	PVI	d	154+15.00	394.18						
	PVT	d	154+45.00	394.63						
Linear	PVT	d	154+45.00	394.63	90	1.50%				
	POVT	d	154+50.00	394.71						
	POVT	d	155+00.00	395.46						
Symmetrical Parabola	PVC	d	155+35.00	395.98	110	1.50%	-0.31%	60.59	-0.25	649.38
	PVC	d	155+35.00	395.98						
	POVC	d	155+50.00	396.19						
	PVI	d	155+90.00	396.81						
	POVC	d	156+00.00	396.61						
Linear	VHIGH	d	156+26.00	396.67	202.5	-0.31%				
	PVT	d	156+45.00	396.64						
	PVT	d	156+45.00	396.64						
	POVT	d	156+50.00	396.62						
	POVT	d	157+00.00	396.47						
Symmetrical Parabola	POVT	d	157+50.00	396.31	125	-0.31%	-5.61%	23.62	-0.83	266.44
	POVT	d	158+00.00	396.15						
	PVC	d	158+47.50	396.00						
	PVC	d	158+47.50	396.00						
	POVC	d	158+50.00	395.99						
Linear	POVC	d	159+00.00	395.26	192.5	-5.61%				
	PVI	d	159+10.00	395.81						
	POVC	d	159+50.00	393.46						
	PVT	d	159+72.50	392.30						
	PVT	d	159+72.50	392.30						
Symmetrical Parabola	POVT	d	160+00.00	390.76	150	-5.61%	-8.82%	46.69	-0.6	410.9
	POVT	d	160+50.00	387.96						
	POVT	d	161+00.00	385.16						
	POVT	d	161+50.00	382.35						
	PVC	d	161+65.00	381.51						
Linear	PVC	d	161+65.00	381.51	10	-8.82%				
	POVC	d	162+00.00	379.42						
	PVI	d	162+40.00	377.31						
Symmetrical Parabola	POVC	d	162+50.00	375.98	200	-8.82%	-2.55%	31.89	1.57	
	POVC	d	163+00.00	372.00						
	PVT	d	163+15.00	370.70						
	PVT	d	163+15.00	370.70						
	PVC	d	163+25.00	369.81						
Symmetrical Parabola	PVC	d	163+25.00	369.81						
	POVC	d	163+50.00	367.71						
	POVC	d	164+00.00	364.08						
	PVI	d	164+25.00	361.00						
	POVC	d	164+50.00	361.24						
Symmetrical Parabola	POVC	d	165+00.00	359.19						
	PVT	d	165+25.00	358.45						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	d	165+25.00	358.45	80	-2.55%				
	POVT	d	165+50.00	357.81						
	POVT	d	166+00.00	356.54						
	PVC	d	166+05.00	356.41						
	PVC	d	166+05.00	356.41						
Symmetrical Parabola	POVC	d	166+50.00	354.81	100	-2.55%	-7.03%	22.28	-0.56	290.47
	PVI	d	166+55.00	355.14						
	POVC	d	167+00.00	351.97						
	PVT	d	167+05.00	351.62						
	PVT	d	167+05.00	351.62						
Linear	POVT	d	167+50.00	348.46	152.5	-7.03%				
	POVT	d	168+00.00	344.94						
	POVT	d	168+50.00	341.42						
	PVC	d	168+57.50	340.90						
	PVC	d	168+57.50	340.90						
Symmetrical Parabola	POVC	d	169+00.00	337.69	125	-7.03%	-10.00%	42.15	-0.46	426.35
	PVI	d	169+20.00	336.50						
	POVC	d	169+50.00	333.37						
	PVT	d	169+82.50	330.25						
	PVT	d	169+82.50	330.25						
Linear	PVC	d	169+97.50	328.75	15	-10.00%				
	PVC	d	169+97.50	328.75						
	POVC	d	170+00.00	328.50						
Symmetrical Parabola	POVC	d	170+50.00	323.98	245	-10.00%	-1.51%	28.84	2.6	
	POVC	d	171+00.00	320.32						
	PVI	d	171+20.00	316.50						
	POVC	d	171+50.00	317.53						
	POVC	d	172+00.00	315.61						
Symmetrical Parabola	PVRC	d	172+42.50	314.66	275	-1.51%	-7.73%	44.21	-2.14	310.97
	PVRC	d	172+42.50	314.66						
	POVC	d	172+50.00	314.54						
	POVC	d	173+00.00	313.42						
	POVC	d	173+50.00	311.73						
Symmetrical Parabola	PVI	d	173+80.00	312.59	425	-7.73%	-0.41%	58.06	3.89	
	POVC	d	174+00.00	309.48						
	POVC	d	174+50.00	306.66						
	POVC	d	175+00.00	303.28						
	PVT	d	175+17.50	301.96						
Linear	PVT	d	175+17.50	301.96	55	-7.73%				
	POVT	d	175+50.00	299.45						
	PVC	d	175+72.50	297.71						
Symmetrical Parabola	PVC	d	175+72.50	297.71	190.22	-0.41%				
	POVC	d	176+00.00	295.65						
	POVC	d	176+50.00	292.24						
	POVC	d	177+00.00	289.26						
	POVC	d	177+50.00	286.71						
Linear	PVI	d	177+85.00	281.30	34.55	-0.41%	0.56%	35.61	0.04	
	POVC	d	178+00.00	284.59						
	POVC	d	178+50.00	282.90						
	POVC	d	179+00.00	281.65						
	POVC	d	179+50.00	280.82						
Symmetrical Parabola	PVT	d	179+97.50	280.43	36.19	0.56%				
	PVT	d	179+97.50	280.43						
	POVT	d	180+00.00	280.42						
	POVT	d	180+50.00	280.22						
	POVT	d	181+00.00	280.01						
Linear	POVT	d	181+50.00	279.81						
	PVC	d	181+87.72	279.66						
	PVC	d	181+87.72	279.66						
	POVC	d	182+00.00	279.63						
	VLOW	d	182+02.21	279.63						
Symmetrical Parabola	PVI	d	182+05.00	279.59						
	PVT	d	182+22.28	279.68						
	PVT	d	182+22.28	279.68						
	POVT	d	182+50.00	279.84						
	POE	d	182+58.46	279.89						

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

**VERTICAL  
ALIGNMENT  
TABLE  
SHEET 7**

PROJECT NAME: ADDISON - NEW HAVEN  
PROJECT NUMBER: STP 9632(I)  
FILE NAME: p95B076.dgn PLOT DATE: 3/13/2012  
PROJECT LEADER: CDL DRAWN BY: SJL  
DESIGNED BY: SJL CHECKED BY: EPD  
PLOT FILE: p95B076\_I00.i SHEET 100 OF 186