

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	73+30.00	886.58	145	2.10%				
	POVT	73+50.00	886.95						
Linear	PVT	91+50.00	919.75	127.5	1.80%				
	PVC	91+87.50	920.43						
Symmetrical Parabola	PVI	92+20.00	921.01	65	1.80%	1.08%	91.16	-0.06	1546.04
	PVRC	92+52.50	921.36						
Symmetrical Parabola	PVI	93+05.00	921.93	105	1.08%	1.96%	119.64	0.12	512.17
	PVRC	93+50.00	922.81						
Linear	PVT	93+57.50	922.96	230	1.96%				
	POVT	94+00.00	923.79						
Symmetrical Parabola	PVI	97+55.00	930.75	335	1.96%	-0.40%	141.7	-0.99	623.96
	PVRC	98+50.00	930.18						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	99+22.50	930.07	305	-0.40%				
	POVT	99+50.00	929.95						
Symmetrical Parabola	PVI	104+70.00	927.86	485	-0.40%	2.10%	193.34	1.52	
	PVRC	105+00.00	929.66						
Linear	PVT	107+12.50	932.96	65	2.10%				
	POVT	107+50.00	933.75						
Symmetrical Parabola	PVI	108+15.00	935.12	75	2.10%	2.42%	240.14	0.03	
	PVRC	108+50.00	935.97						
Linear	PVT	108+52.50	936.03	45	2.42%				
	PVC	108+97.50	937.11						
Symmetrical Parabola	PVI	109+35.00	938.02	75	2.42%	1.91%	147.54	-0.05	2160.42
	PVRC	109+50.00	938.29						
Linear	PVT	109+72.50	938.74	157.5	1.91%				
	POVT	110+00.00	939.26						
Symmetrical Parabola	PVI	111+75.00	942.6	90	1.91%	3.25%	66.99	0.15	
	PVRC	112+00.00	943.44						
Symmetrical Parabola	PVI	113+10.00	946.99	180	3.25%	2.20%	171.13	-0.24	1115.95
	PVRC	113+50.00	947.5						
Linear	PVT	114+00.00	948.97	55	2.20%				
	POVT	114+50.00	950.07						
Symmetrical Parabola	PVI	115+40.00	952.05	170	2.20%	3.96%	96.86	0.37	
	PVRC	115+50.00	952.74						
Linear	PVT	116+25.00	955.41	82.5	3.96%				
	POVT	116+50.00	956.4						
Symmetrical Parabola	PVI	117+07.50	958.67	155	3.96%	5.57%	96.18	0.31	
	PVRC	117+50.00	960.45						
Linear	PVT	118+62.50	966.05	27.5	5.57%				
	PVC	118+90.00	967.59						
Symmetrical Parabola	PVI	119+65.00	971.76	150	5.57%	7.78%	67.8	0.41	
	PVRC	119+50.00	971.19						
Linear	PVT	120+40.00	977.59	142.5	7.78%				
	POVT	120+50.00	978.37						
Symmetrical Parabola	PVI	123+00.00	997.82	235	7.78%	10.68%	80.91	0.85	
	PVRC	123+50.00	1003.44						
Linear	PVT	124+17.50	1010.37	105	10.68%				
	POVT	124+50.00	1013.85						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVI	125+75.00	1027.2	105	10.68%	12.08%	75.39	0.18	
	PVRC	126+27.50	1033.54						
Symmetrical Parabola	PVI	127+45.00	1047.73	235	12.08%	3.82%	28.47	-2.42	248.23
	PVRC	127+50.00	1045.7						
Linear	PVT	128+62.50	1052.22	122.5	3.82%				
	POVT	129+00.00	1053.65						
Symmetrical Parabola	PVI	130+70.00	1060.15	170	3.82%	1.15%	63.65	-0.57	489.06
	PVRC	131+00.00	1060.26						
Linear	PVT	131+55.00	1061.13	180	1.15%				
	POVT	132+00.00	1061.65						
Symmetrical Parabola	PVI	133+35.00	1063.2	120	1.15%	-0.59%	69.07	-0.26	681.12
	PVRC	133+50.00	1063.36						
Linear	PVT	134+55.00	1063.54	40	-0.59%				
	PVC	134+95.00	1063.3						
Symmetrical Parabola	PVI	136+20.00	1062.57	250	-0.59%	0.61%	209.74	0.37	
	PVRC	136+50.00	1062.97						
Linear	PVT	137+45.00	1063.33	27.5	0.61%				
	POVT	137+50.00	1063.36						
Symmetrical Parabola	PVI	138+47.50	1063.62	75	0.61%	-0.26%	86.4	-0.08	1280.75
	PVRC	138+50.00	1063.61						
Linear	PVT	139+00.00	1063.48	102.5	-0.26%				
	POVT	139+50.00	1063.35						
Symmetrical Parabola	PVI	140+65.00	1063.05	230	-0.26%	10.29%	21.8	3.03	
	PVRC	141+00.00	1068.12						
Linear	PVT	141+80.00	1074.88	60	10.29%				
	POVT	142+00.00	1076.94						
Symmetrical Parabola	PVI	143+45.00	1091.86	210	10.29%	3.00%	28.81	-1.91	253.05
	PVRC	144+00.00	1093.08						
Linear	PVT	144+50.00	1095.01	55	3.00%				
	POVT	145+00.00	1096.51						
Symmetrical Parabola	PVI	146+00.00	1099.51	190	3.00%	7.43%	42.92	1.05	
	PVRC	146+50.00	1103.46						
Linear	PVT	147+00.00	1106.94	75	7.43%				
	POVT	147+50.00	1110.65						

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 2**

PROJECT NAME: MONTGOMERY-WESTFIELD
PROJECT NUMBER: STP 2906(I)

FILE NAME: p10CI90.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10CI90_I09.1

PLOT DATE: 9/5/12
DRAWN BY: JMB
CHECKED BY: CDL
SHEET 109 OF 178