

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	POB	1223+02.10	907.19	22.9	0.16%				
	PVC	1223+25.00	907.23						
Symmetrical Parabola	PVC	1223+25.00	907.23	100	0.16%	0.94%	127.93	0.1	
	POVC	1223+50.00	907.29						
	PVI	1223+75.00	907.31						
	POVC	1224+00.00	907.56						
	PVT	1224+25.00	907.77						
Linear	PVT	1224+25.00	907.77	25	0.94%				
	PVC	1224+50.00	908.01						
Symmetrical Parabola	PVC	1224+50.00	908.01	100	0.94%	1.85%	109.84	0.11	
	PVI	225+00.00	908.48						
	POVC	225+00.00	908.59						
	PVT	225+50.00	909.40						
	PVT	225+50.00	909.40						
Linear	PVC	225+75.00	909.86	25	1.85%				
	PVC	225+75.00	909.86						
Symmetrical Parabola	POVC	226+00.00	910.38	290	1.85%	7.22%	54	1.95	
	POVC	226+50.00	911.77						
	POVC	227+00.00	913.62						
	PVI	227+20.00	912.54						
	POVC	227+50.00	915.93						
	POVC	228+00.00	918.71						
	POVC	228+50.00	921.95						
	PVT	228+65.00	923.01						
	PVT	228+65.00	923.01						
	PVC	228+90.00	924.82						
Symmetrical Parabola	PVC	228+90.00	924.82	600	7.22%	10.41%	187.77	2.4	
	POVC	229+00.00	925.54						
	POVC	229+50.00	929.24						
	POVC	230+00.00	933.08						
	POVC	230+50.00	937.05						
	POVC	231+00.00	941.15						
	POVC	231+50.00	945.39						
	PVI	231+90.00	946.47						
	POVC	232+00.00	949.75						
	POVC	232+50.00	954.26						
	POVC	233+00.00	958.89						
	POVC	233+50.00	963.66						
	POVC	234+00.00	968.56						
	POVC	234+50.00	973.59						
	PVT	234+90.00	977.72						
PVT	234+90.00	977.72							
Linear	POVT	235+00.00	978.76	125	10.41%				
	POVT	235+50.00	983.96						
	POVT	236+00.00	989.17						
	PVC	236+15.00	990.73						
	PVC	236+15.00	990.73						
Symmetrical Parabola	POVC	236+50.00	994.29	370	10.41%	4.81%	66.08	-2.59	377.72
	POVC	237+00.00	999.04						
	POVC	237+50.00	1003.41						
	PVI	238+00.00	1010.00						
	POVC	238+00.00	1007.41						
	POVC	238+50.00	1011.03						
	POVC	239+00.00	1014.27						
	POVC	239+50.00	1017.13						
	PVT	239+85.00	1018.91						
	PVT	239+85.00	1018.91						
Linear	POVT	240+00.00	1019.63	90	4.81%				
	POVT	240+50.00	1022.04						
	PVC	240+75.00	1023.24						
	PVC	240+75.00	1023.24						
	POVC	241+00.00	1024.40						
Symmetrical Parabola	POVC	241+50.00	1026.45	250	4.81%	1.26%	70.32	-1.11	428.53
	PVI	242+00.00	1029.26						
	POVC	242+00.00	1028.15						
	POVC	242+50.00	1029.49						
	POVC	243+00.00	1030.47						
	PVT	243+25.00	1030.83						
	PVT	243+25.00	1030.83						
	POVT	243+50.00	1031.15						
	POVT	244+00.00	1031.78						
	POVT	244+50.00	1032.41						
Linear	POVT	245+00.00	1033.04	191.23	1.26%				
	PVC	245+16.23	1033.24						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	245+16.23	1033.24	345	1.26%	-1.27%	136.19	-1.09	598.49
	POVC	245+50.00	1033.63						
	POVC	246+00.00	1034.04						
	POVC	246+50.00	1034.27						
	VHIGH	246+87.76	1034.32						
	PVI	246+88.73	1035.42						
	POVC	247+00.00	1034.32						
	POVC	247+50.00	1034.18						
	POVC	248+00.00	1033.86						
	POVC	248+50.00	1033.36						
	PVT	248+61.23	1033.22						
	PVT	248+61.23	1033.22						
	POVT	249+00.00	1032.72						
	POVT	249+50.00	1032.09						
	Linear	POVT	250+00.00						
POVT		250+50.00	1030.81						
POVT		251+00.00	1030.18						
PVC		251+50.00	1029.54						
PVC		251+50.00	1029.54						
POVC		252+00.00	1029.02						
POVC		252+50.00	1028.73						
VLOW		252+87.44	1028.66						
POVC		253+00.00	1028.67						
POVC		253+50.00	1028.85						
PVI		253+75.00	1028.67						
POVC		254+00.00	1029.25						
POVC		254+50.00	1029.89						
POVC		255+00.00	1030.76						
POVC		255+50.00	1031.86						
Linear	PVT	256+00.00	1033.19	75	2.90%				
	POVT	256+50.00	1034.64						
	PVC	256+75.00	1035.36						
	PVC	256+75.00	1035.36						
	POVC	257+00.00	1036.06						
Symmetrical Parabola	PVI	257+50.00	1037.54	150	2.90%	1.46%	104.49	-0.27	826.77
	POVC	257+50.00	1037.27						
	POVC	258+00.00	1038.24						
	PVT	258+25.00	1038.63						
	PVT	258+25.00	1038.63						
Linear	PVC	258+50.00	1039.00	25	1.46%				
	PVC	258+50.00	1039.00						
	POVC	259+00.00	1039.84						
	POVC	259+50.00	1040.91						
	PVI	260+00.00	1041.19						
Symmetrical Parabola	POVC	260+00.00	1042.22	300	1.46%	4.20%	109.62	1.03	
	POVC	260+50.00	1043.74						
	POVC	261+00.00	1045.50						
	PVT	261+50.00	1047.49						
	PVT	261+50.00	1047.49						
Linear	PVC	261+85.00	1048.95	35	4.20%				
	PVC	261+85.00	1048.95						
	POVC	262+00.00	1049.57						
	PVI	262+40.00	1051.26						
	POVC	262+50.00	1051.45						
Symmetrical Parabola	PVT	262+95.00	1052.91	110	4.20%	2.99%	91.2	-0.17	949.76
	PVT	262+95.00	1052.91						
	POVT	263+00.00	1053.06						
	POVT	263+50.00	1054.55						
	PVC	264+13.61	1056.46						
	PVC	264+13.61	1056.46						
	POVC	264+50.00	1057.57						
	POVC	265+00.00	1059.18						
	POVC	265+50.00	1060.88						
	PVI	265+63.61	1060.94						
Symmetrical Parabola	POVC	266+00.00	1062.68	300	2.99%	4.11%	269.28	0.42	
	POVC	266+50.00	1064.57						
	POVC	267+00.00	1066.55						
	PVT	267+13.61	1067.10						
	PVT	267+13.61	1067.10						
	PVT	267+13.61	1067.10						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD							
Linear	PVT	267+13.61	1067.10	374.06	4.11%											
	POVT	267+50.00	1068.60													
	POVT	268+00.00	1070.65													
	POVT	268+50.00	1072.70													
	POVT	269+00.00	1074.76													
	POVT	269+50.00	1076.81													
	POVT	270+00.00	1078.86													
	POVT	270+50.00	1080.92													
	PVC	270+87.67	1082.46													
	PVC	270+87.67	1082.46													
	POVC	271+00.00	1082.96													
	POVC	271+50.00	1084.72													
	POVC	272+00.00	1086.11													
	POVC	272+50.00	1087.11													
	Symmetrical Parabola	POVC	273+00.00							1087.73	550	4.11%	-4.32%	65.29	-5.79	375.39
POVC		273+50.00	1087.96													
VHIGH		273+56.66	1087.97													
PVI		273+62.67	1093.75													
POVC		274+00.00	1087.82													
POVC		274+50.00	1087.28													
POVC		275+00.00	1086.37													
POVC		275+50.00	1085.08													
POVC		276+00.00	1083.40													
PVT		276+37.67	1081.88													
PVT		276+37.67	1081.88													
POVT		276+50.00	1081.35													
POVT		276+66.00	1080.65													
Linear		POVT	276+50.00	1081.35	28.33	-4.32%										
		POVT	276+66.00	1080.65												

**VERTICAL
ALIGNMENT
TABLE
SHEET 3**

PROJECT NAME: NEWPORT-COVENTRY-NEWPORT
PROJECT NUMBER: STP 2802(I)
FILE NAME: 08b158.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 08b158-25.I
PLOT DATE: 8/3/2011
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 25 OF 134