

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	POB	0+00.00	1080.65	75.45	-4.32%				
	POVT	0+50.00	1078.50						
	PVC	0+75.45	1077.40						
Symmetrical Parabola	PVC	0+75.45	1077.40	230	-4.32%	-1.60%	84.69	0.78	
	POVC	1+00.00	1076.37						
	POVC	1+50.00	1074.51						
	PVI	1+90.45	1072.43						
	POVC	2+00.00	1072.93						
	POVC	2+50.00	1071.66						
	POVC	3+00.00	1070.68						
	PVT	3+05.45	1070.59						
	PVT	3+05.45	1070.59						
	POVT	3+50.00	1069.87						
Linear	POVT	4+00.00	1069.07	170.16	-1.60%				
	POVT	4+50.00	1068.27						
	PVC	4+75.62	1067.86						
Symmetrical Parabola	PVC	4+75.62	1067.86	120	-1.60%	-0.11%	80.44	0.22	
	POVC	5+00.00	1067.51						
	PVI	5+35.62	1066.90						
Linear	POVT	5+50.00	1067.01	77.96	-0.11%				
	PVT	5+95.62	1066.84						
	PVT	5+95.62	1066.84						
Symmetrical Parabola	POVT	6+00.00	1066.83	115	-0.11%	1.41%	75.63	0.22	
	POVT	6+50.00	1066.78						
	PVC	6+73.58	1066.75						
Symmetrical Parabola	PVC	6+73.58	1066.75	531.12	1.41%				
	VLOW	6+81.92	1066.74						
	POVC	7+00.00	1066.77						
	PVI	7+31.08	1066.69						
	POVC	7+50.00	1067.05						
	PVT	7+88.58	1067.50						
	PVT	7+88.58	1067.50						
	POVT	8+00.00	1067.66						
	POVT	8+50.00	1068.36						
	POVT	9+00.00	1069.07						
Linear	POVT	9+50.00	1069.77	531.12	1.41%				
	POVT	10+00.00	1070.48						
	POVT	10+50.00	1071.18						
	POVT	11+00.00	1071.89						
	POVT	11+50.00	1072.59						
	POVT	12+00.00	1073.30						
	POVT	12+50.00	1074.00						
	POVT	13+00.00	1074.71						
	PVC	13+19.70	1074.99						
	PVC	13+19.70	1074.99						
Symmetrical Parabola	POVC	13+50.00	1075.36	350	1.41%	-2.43%	91.21	-1.68	456.24
	POVC	14+00.00	1075.77						
	VHIGH	14+48.34	1075.89						
	POVC	14+50.00	1075.89						
	PVI	14+94.70	1077.46						
	POVC	15+00.00	1075.75						
	POVC	15+50.00	1075.33						
	POVC	16+00.00	1074.63						
	POVC	16+50.00	1073.66						
	PVT	16+69.70	1073.21						
Linear	PVT	16+69.70	1073.21	384.83	-2.43%				
	POVT	17+00.00	1072.47						
	POVT	17+50.00	1071.26						
	POVT	18+00.00	1070.05						
	POVT	18+50.00	1068.83						
	POVT	19+00.00	1067.62						
	POVT	19+50.00	1066.41						
	POVT	20+00.00	1065.19						
	POVT	20+50.00	1063.98						
	PVC	20+54.53	1063.87						
Symmetrical Parabola	PVC	20+54.53	1063.87	465	-2.43%	1.57%	116.3	2.32	
	POVC	21+00.00	1062.85						
	POVC	21+50.00	1061.94						
	POVC	22+00.00	1061.25						
	POVC	22+50.00	1060.77						
	PVI	22+87.03	1058.23						
	POVC	23+00.00	1060.50						
	VLOW	23+36.76	1060.44						
	POVC	23+50.00	1060.45						
	POVC	24+00.00	1060.62						
Linear	POVC	24+50.00	1061.00						
	PVT	25+00.00	1061.59						
	PVT	25+19.53	1061.88						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	25+19.53	1061.88	434.6	1.57%				
	POVT	25+50.00	1062.36						
	POVT	26+00.00	1063.15						
	POVT	26+50.00	1063.93						
	POVT	27+00.00	1064.72						
	POVT	27+50.00	1065.50						
	POVT	28+00.00	1066.29						
	POVT	28+50.00	1067.07						
	POVT	29+00.00	1067.86						
	POVT	29+50.00	1068.65						
	PVC	29+54.13	1068.71						
	PVC	29+54.13	1068.71						
	POVC	30+00.00	1069.32						
	POVC	30+50.00	1069.75						
	Symmetrical Parabola	POVC	31+00.00						
VHIGH		31+09.10	1069.93						
PVI		31+36.63	1071.58						
POVC		31+50.00	1069.84						
POVC		32+00.00	1069.51						
POVC		32+50.00	1068.92						
POVC		33+00.00	1068.08						
PVT		33+19.13	1067.69						
PVT		33+19.13	1067.69						
POVT		33+50.00	1067.03						
PVC		33+85.83	1066.27						
PVC		33+85.83	1066.27						
POVC		34+00.00	1065.98						
POVC		34+50.00	1065.04						
Symmetrical Parabola		PVI	34+55.83	1064.78	140	-2.13%	-1.23%	155.4	0.16
	POVC	35+00.00	1064.26						
	PVT	35+25.83	1063.92						
	PVT	35+25.83	1063.92						
	POVT	35+50.00	1063.62						
	POVT	36+00.00	1063.01						
	POVT	36+50.00	1062.39						
	PVC	36+62.36	1062.24						
	PVC	36+62.36	1062.24						
	POVC	37+00.00	1061.69						
	POVC	37+50.00	1060.70						
	POVC	38+00.00	1059.40						
	POVC	38+50.00	1057.79						
	PVI	38+52.36	1059.91						
	POVC	39+00.00	1055.89						
Symmetrical Parabola	POVC	39+50.00	1053.67	380	-1.23%	-5.85%	82.17	-2.2	423.35
	POVC	40+00.00	1051.16						
	PVT	40+42.36	1048.79						
	PVT	40+42.36	1048.79						
	POVT	40+50.00	1048.34						
	POVT	41+00.00	1045.41						
	POVT	41+50.00	1042.49						
	POVT	42+00.00	1039.56						
	PVC	42+08.90	1039.04						
	PVC	42+08.90	1039.04						
	PVI	42+33.90	1037.57						
	POVC	42+50.00	1036.80						
	PVT	42+58.90	1036.36						
	PVT	42+58.90	1036.36						
	Linear	POVT	43+00.00						
PVC		43+02.41	1034.25						
PVC		43+02.41	1034.25						
Symmetrical Parabola	PVI	43+39.91	1032.43	75	-4.85%	-5.59%	101.2	-0.07	1492.9
	POVC	43+50.00	1031.83						
	PVT	43+77.41	1030.33						
Linear	PVT	43+77.41	1030.33	431.87	-5.59%				
	POVT	44+00.00	1029.07						
	POVT	44+50.00	1026.27						
	POVT	45+00.00	1023.47						
	POVT	45+50.00	1020.68						
	POVT	46+00.00	1017.88						
	POVT	46+50.00	1015.08						
	POVT	47+00.00	1012.28						
	POVT	47+50.00	1009.49						
	POVT	48+00.00	1006.69						
	PVC	48+09.27	1006.17						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	48+09.27	1006.17	190	-5.59%	-4.01%	119.6	0.38	
	POVC	48+50.00	1003.96						
	POVC	49+00.00	1001.44						
	PVI	49+04.27	1000.96						
	POVC	49+50.00	999.13						
	PVT	49+99.27	997.05						
	PVT	49+99.27	997.05						
Linear	POVT	50+00.00	997.02	65.32	-4.01%				
	POVT	50+50.00	995.02						
	PVC	50+64.60	994.43						
	PVC	50+64.60	994.43						
	POVC	51+00.00	993.04						
Symmetrical Parabola	POVC	51+50.00	991.17	325	-4.01%	-2.62%	235.3	0.56	
	POVC	52+00.00	989.40						
	PVI	52+27.10	987.92						
	POVC	52+50.00	987.74						
	POVC	53+00.00	986.18						
	POVC	53+50.00	984.73						
	PVT	53+89.60	983.66						
	PVT	53+89.60	983.66						
	PVC	53+99.99	983.39						
	PVC	53+99.99	983.39						
Symmetrical Parabola	POVC	54+00.00	983.39	40	-2.62%	-0.40%	18.02	0.11	
	PVI	54+19.99	982.86						
	PVT	54+39.99	982.78						
Linear	PVT	54+39.99	982.78	30.83	-0.40%				
	POVT	54+50.00	982.74						
	PVC	54+70.82	982.65						
	PVC	54+70.82	982.65						
	VLOW	54+76.46	982.64						
Symmetrical Parabola	PVI	54+83.32	982.60	25	-0.40%	1.39%	13.93	0.06	
	PVT	54+95.82	982.78						
	PVT	54+95.82	982.78						
	POVT	55+00.00	982.84						
	POVT	55+50.00	983.53						
	PVC	55+50.17	983.53						
	PVC	55+50.17	983.53						
Symmetrical Parabola	POVC	56+00.00	984.61	125	1.39%	5.28%	32.11	0.61	
	PVI	56+12.67	984.40						
	POVC	56+50.00	986.47						
Linear	PVT	56+75.17	987.70	84.89	5.28%				
	PVT	56+75.17	987.70						
	POVT	57+00.00	989.02						
	POVT	57+50.00	991.66						
	PVC	57+60.06	992.19						
	PVC	57+60.06	992.19						
	POVC	58+00.00	994.14						
Symmetrical Parabola	PVI	58+35.06	996.15	150	5.28%	2.38%	51.72	-0.54	447.08
	POVC	58+50.00	996.16						
	POVC	59+00.00	997.69						
	PVT	59+10.06	997.94						
	PVT	59+10.06	997.94						
Linear	POE	59+29.72	998.41	19.66	2.38%				

**VERTICAL
ALIGNMENT
TABLE
SHEET 4**

PROJECT NAME: NEWPORT-COVENTRY-NEWPORT
PROJECT NUMBER: STP 2802(I)
FILE NAME: 08b158.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 08b158-26.i
PLOT DATE: 8/3/2011
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 26 OF 134