

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD
LINEAR	PVT	88+89.14	700.63	4.3247	-0.67%				
	PVC	88+93.47	700.60						
SYMMETRICAL PARABOLA	PVC	88+93.47	700.60	145	-0.67%	-3.63%	49.011	-0.5362	
		89+00.00	700.56						
		89+50.00	699.90						
	PVI	89+65.97	700.12						
		90+00.00	698.73						
	PVT	90+38.47	697.49						
	PVT	90+38.47	697.49						
LINEAR		90+50.00	697.07	76.256	-3.63%				
		91+00.00	695.25						
	PVC	91+14.72	694.72						
	PVC	91+14.72	694.72						
SYMMETRICAL PARABOLA		91+50.00	693.51	380	-3.63%	0.81%	85.6954	2.1063	
		92+00.00	692.05						
		92+50.00	690.88						
		93+00.00	690.00						
	PVI	93+04.72	687.83						
		93+50.00	689.41						
		94+00.00	689.12						
	VLOW	94+25.69	689.08						
		94+50.00	689.11						
	PVT	94+94.72	689.36						
	PVT	94+94.72	689.36						
LINEAR		95+00.00	689.40	155.7031	0.81%				
		95+50.00	689.80						
		96+00.00	690.20						
		96+50.00	690.61						
	PVC	96+50.43	690.61						
SYMMETRICAL PARABOLA	PVC	96+50.43	690.61	270	0.81%	-1.98%	96.9752	-0.9397	522.5957
		97+00.00	690.88						
	VHIGH	97+28.55	690.92						
		97+50.00	690.90						
	PVI	97+85.43	691.70						
		98+00.00	690.66						
		98+50.00	690.16						
		99+00.00	689.41						
	PVT	99+20.43	689.03						
	PVT	99+20.43	689.03						
LINEAR		99+50.00	688.44	133.2942	-1.98%				
		100+00.00	687.45						
		100+50.00	686.46						
	PVC	100+53.72	686.39						
SYMMETRICAL PARABOLA	PVC	100+53.72	686.39	140	-1.98%	2.70%	29.9527	0.818	
		101+00.00	685.83						
	VLOW	101+12.99	685.80						
	PVI	101+23.72	685.00						
		101+50.00	686.03						
	PVT	101+93.72	686.89						
	PVT	101+93.72	686.89						
LINEAR		102+00.00	687.06	26.6037	2.70%				
	PVC	102+20.32	687.61						
SYMMETRICAL PARABOLA	PVC	102+20.32	687.61	50	2.70%	0.42%	21.9531	-0.1423	
	PVI	102+45.32	688.28						
		102+50.00	688.21						
	PVT	102+70.32	688.39						

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD
LINEAR	PVT	102+70.32	688.39	31.2679	0.42%				
	PVC	103+00.00	688.51						
SYMMETRICAL PARABOLA	PVC	103+01.59	688.52	300	0.42%	-1.47%	159.104	-0.7071	722.3243
		103+01.59	688.52						
		103+50.00	688.65						
	VHIGH	103+68.07	688.66						
		104+00.00	688.62						
		104+50.00	688.44						
	PVI	104+51.59	689.14						
		105+00.00	688.11						
		105+50.00	687.62						
		106+00.00	686.97						
	PVT	106+01.59	686.94						
LINEAR	PVT	106+01.59	686.94	30.028	-1.47%				
	PVC	106+31.62	686.50						
SYMMETRICAL PARABOLA	PVC	106+31.62	686.50	225	-1.47%	3.98%	41.3351	1.5309	
		106+50.00	686.27						
	VLOW	106+92.29	686.06						
		107+00.00	686.06						
	PVI	107+44.12	684.85						
		107+50.00	686.46						
		108+00.00	687.46						
		108+50.00	689.06						
		PVT	108+56.62						
LINEAR	PVT	108+56.62	689.32	3.6652	3.98%				
	PVC	108+60.29	689.47						
SYMMETRICAL PARABOLA	PVC	108+60.29	689.47	400	3.98%	-2.44%	62.3942	-3.2054	366.9678
		109+00.00	690.92						
		109+50.00	692.39						
		110+00.00	693.46						
		110+50.00	694.13						
	PVI	110+60.29	697.42						
		111+00.00	694.39						
	VHIGH	111+08.34	694.40						
		111+50.00	694.26						
		112+00.00	693.73						
	112+50.00	692.79							
	PVRC	112+60.29	692.55						
SYMMETRICAL PARABOLA	PVRC	112+60.29	692.55	180	-2.44%	-0.99%	124.444	0.3254	
		113+00.00	691.65						
		113+50.00	690.69						
	PVI	113+50.29	690.36						
SYMMETRICAL PARABOLA		114+00.00	689.93	178.2548	-0.99%				
	PVT	114+40.29	689.47						
LINEAR		114+40.29	689.47						
		114+50.00	689.37						
		115+00.00	688.88						
		115+50.00	688.38						
	PVC	116+18.54	687.70						



**VERTICAL ALIGNMENT TABLE SHEET #4**

PROJECT NAME: COVENTRY-NEWPORT CITY  
PROJECT NUMBER: STP 2308(I)  
FILE NAME: p01c052.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p01c052vats04.i  
PLOT DATE: 18-MAY-2012  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 48 OF 107