

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVCC	F 31+60.00	764.66	640	-1.94%	-0.52%	452	1.13	
	POVC	F 32+00.00	763.91						
	POVC	F 32+50.00	763.01						
	POVC	F 33+00.00	762.16						
	POVC	F 33+50.00	761.37						
	POVC	F 34+00.00	760.64						
	POVC	F 34+50.00	759.96						
	PVI	F 34+80.00	758.45						
	POVC	F 35+00.00	759.34						
	POVC	F 35+50.00	758.78						
	POVC	F 36+00.00	758.26						
	POVC	F 36+50.00	757.81						
	POVC	F 37+00.00	757.41						
	POVC	F 37+50.00	757.06						
Linear	PVT	F 38+00.00	756.77	235	-0.52%				
	POVT	F 38+50.00	756.51						
	POVT	F 39+00.00	756.25						
	POVT	F 39+50.00	755.98						
	POVT	F 40+00.00	755.72						
	PVC	F 40+35.00	755.54						
Symmetrical Parabola	PVC	F 40+35.00	755.54	130	-0.52%	-2.88%	55	-0.38	524
	POVC	F 40+50.00	755.44						
	PVI	F 41+00.00	755.20						
	POVC	F 41+50.00	753.74						
Linear	PVT	F 41+65.00	753.33	60	-2.88%				
	POVT	F 42+00.00	752.32						
	PVC	F 42+25.00	751.60						
Symmetrical Parabola	PVC	F 42+25.00	751.60	150	-2.88%	-0.34%	59	0.47	
	POVC	F 42+50.00	750.94						
	PVI	F 43+00.00	749.45						
	POVC	F 43+50.00	749.33						
Linear	PVT	F 43+75.00	749.19	330	-0.34%				
	POVT	F 44+00.00	749.10						
	POVT	F 44+50.00	748.93						
	POVT	F 45+00.00	748.76						
	POVT	F 45+50.00	748.58						
	POVT	F 46+00.00	748.41						
	POVT	F 46+50.00	748.24						
	POVT	F 47+00.00	748.07						
PVC	F 47+05.00	748.05							
Symmetrical Parabola	PVC	F 47+05.00	748.05	230	-0.34%	0.81%	200	0.33	
	POVC	F 47+50.00	747.95						
	VLOW	F 47+73.94	747.93						
	POVC	F 48+00.00	747.95						
	PVI	F 48+20.00	747.65						
	POVC	F 48+50.00	748.08						
	POVC	F 49+00.00	748.33						
	PVT	F 49+35.00	748.58						
Linear	PVT	F 49+35.00	748.58	255	0.81%				
	POVT	F 49+50.00	748.70						
	POVT	F 50+00.00	749.10						
	POVT	F 50+50.00	749.51						
	POVT	F 51+00.00	749.91						
	POVT	F 51+50.00	750.31						
Symmetrical Parabola	PVC	F 51+90.00	750.64	120	0.81%	-1.27%	58	-0.31	581
	PVC	F 51+90.00	750.64						
	POVC	F 52+00.00	750.71						
	VHIGH	F 52+36.66	750.82						
	PVI	F 52+50.00	751.12						
	POVC	F 53+00.00	750.48						
Linear	PVT	F 53+10.00	750.36	190	-1.27%				
	PVT	F 53+10.00	750.36						
	POVT	F 53+50.00	749.85						
	POVT	F 54+00.00	749.22						
	POVT	F 54+50.00	748.59						
	PVC	F 55+00.00	747.95						
Symmetrical Parabola	PVC	F 55+00.00	747.95	140	-1.27%	-0.86%	347	0.07	
	POVC	F 55+50.00	747.36						
	PVI	F 55+70.00	747.07						
	POVC	F 56+00.00	746.83						
	PVT	F 56+40.00	746.46						
	PVT	F 56+40.00	746.46						
Linear	POVT	F 56+50.00	746.38	310	-0.86%				
	POVT	F 57+00.00	745.94						
	POVT	F 57+50.00	745.51						
	POVT	F 58+00.00	745.08						
	POVT	F 58+50.00	744.65						
	POVT	F 59+00.00	744.22						
	PVC	F 59+50.00	743.79						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	F 59+50.00	743.79	240	-0.86%	2.21%	78	0.92	
	POVC	F 60+00.00	743.52						
	VLOW	F 60+17.44	743.50						
	POVC	F 60+50.00	743.56						
	PVI	F 60+70.00	742.75						
	POVC	F 61+00.00	743.93						
	POVC	F 61+50.00	744.62						
	PVT	F 61+90.00	745.40						
	PVT	F 61+90.00	745.40						
	POVT	F 62+00.00	745.62						
Linear	POVT	F 62+50.00	746.73	245	2.21%				
	POVT	F 63+00.00	747.83						
	POVT	F 63+50.00	748.93						
	POVT	F 64+00.00	750.04						
	PVC	F 64+35.00	750.81						
	PVC	F 64+35.00	750.81						
Symmetrical Parabola	POVC	F 64+50.00	751.11	130	2.21%	-1.46%	35	-0.60	360
	PVI	F 65+00.00	752.24						
	VHIGH	F 65+13.33	751.67						
	POVC	F 65+50.00	751.48						
	PVT	F 65+65.00	751.30						
	PVT	F 65+65.00	751.30						
Linear	POVT	F 66+00.00	750.79	60	-1.46%				
	POVT	F 66+00.00	750.79						
	PVC	F 66+25.00	750.42						
Symmetrical Parabola	PVC	F 66+25.00	750.42	130	-1.46%	2.15%	36	0.59	
	POVC	F 66+50.00	750.15						
	VLOW	F 66+77.49	750.04						
	PVI	F 66+90.00	749.48						
	POVC	F 67+00.00	750.11						
	POVC	F 67+50.00	750.77						
Linear	PVT	F 67+55.00	750.88	90	2.15%				
	PVT	F 67+55.00	750.88						
	POVT	F 68+00.00	751.84						
	PVC	F 68+45.00	752.81						
Symmetrical Parabola	PVC	F 68+45.00	752.81	200	2.15%	-2.23%	46	-1.09	347
	POVC	F 68+50.00	752.92						
	POVC	F 69+00.00	753.66						
	VHIGH	F 69+43.27	753.87						
	PVI	F 69+45.00	754.96						
	POVC	F 69+50.00	753.86						
	POVC	F 70+00.00	753.51						
	PVT	F 70+45.00	752.73						
Linear	PVT	F 70+45.00	752.73	115	-2.23%				
	POVT	F 70+50.00	752.62						
	POVT	F 71+00.00	751.51						
	POVT	F 71+50.00	750.40						
	PVC	F 71+60.00	750.17						
Symmetrical Parabola	PVC	F 71+60.00	750.17	180	-2.23%	4.27%	28	1.46	
	POVC	F 72+00.00	749.57						
	VLOW	F 72+21.67	749.49						
	PVI	F 72+50.00	748.17						
	POVC	F 73+00.00	750.60						
	PVT	F 73+40.00	752.02						
Linear	PVT	F 73+40.00	752.02	80	4.27%				
	POVT	F 73+50.00	752.44						
	POVT	F 74+00.00	754.58						
	PVC	F 74+20.00	755.43						
	PVC	F 74+20.00	755.43						
Symmetrical Parabola	POVC	F 74+50.00	756.60	180	4.27%	-0.17%	41	-1.00	333
	POVC	F 75+00.00	758.06						
	PVI	F 75+10.00	759.28						
	POVC	F 75+50.00	758.90						
	VHIGH	F 75+93.04	759.13						
	PVT	F 76+00.00	759.12						
	PVT	F 76+00.00	759.12						
	POVT	F 76+50.00	759.04						
Linear	POVT	F 77+00.00	758.95	130	-0.17%				
	POVT	F 77+00.00	758.95						
	PVC	F 77+30.00	758.90						
	PVC	F 77+30.00	758.90						
Symmetrical Parabola	VLOW	F 77+37.69	758.89	140	-0.17%	2.96%	45	0.55	
	POVC	F 77+50.00	758.91						
	PVI	F 78+00.00	758.78						
	POVC	F 78+50.00	760.30						
	PVRC	F 78+70.00	760.85						
	PVRC	F 78+70.00	760.85						

VERTICAL ALIGNMENT SHEET 6

PROJECT NAME: VERSHIRE-THETFORD

PROJECT NUMBER: STP 2911(I)

FILE NAME: pl0c224.dgn

PLOT DATE: 1/29/2013

PROJECT LEADER: PTS

DRAWN BY: JLS

DESIGNED BY: NLL

CHECKED BY: PTS

IPARM FILE NAME: IOC224_I05

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