

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	235+85.00	1074.58	160	-0.85%	-2.62%	90	-0.35	688
	POVC	236+00.00	1074.44						
	POVC	236+50.00	1073.79						
	PVI	236+65.00	1073.90						
	POVC	237+00.00	1072.87						
	PVT	237+45.00	1071.80						
Linear	PVT	237+45.00	1071.80	655	-2.62%				
	POVT	237+50.00	1071.67						
	POVT	238+00.00	1070.36						
	POVT	238+50.00	1069.05						
	POVT	239+00.00	1067.74						
	POVT	239+50.00	1066.43						
	POVT	240+00.00	1065.12						
	POVT	240+50.00	1063.81						
	POVT	241+00.00	1062.50						
	POVT	241+50.00	1061.19						
	POVT	242+00.00	1059.88						
	POVT	242+50.00	1058.57						
	POVT	243+00.00	1057.26						
	POVT	243+50.00	1055.95						
	PVC	244+00.00	1054.64						
Symmetrical Parabola	PVC	244+00.00	1054.64	130	-2.62%	-0.15%	53	0.40	
	POVC	244+50.00	1053.57						
	PVI	244+65.00	1052.94						
	POVC	245+00.00	1052.97						
Linear	PVT	245+30.00	1052.84	55	-0.15%				
	PVT	245+30.00	1052.84						
	POVT	245+50.00	1052.81						
	PVC	245+85.00	1052.76						
Symmetrical Parabola	PVC	245+85.00	1052.76	170	-0.15%	-3.28%	54	-0.66	430
	POVC	246+00.00	1052.72						
	POVC	246+50.00	1052.27						
	PVI	246+70.00	1052.63						
	POVC	247+00.00	1051.37						
	POVC	247+50.00	1050.01						
Linear	PVT	247+55.00	1049.85	65	-3.28%				
	PVT	247+55.00	1049.85						
	POVT	248+00.00	1048.37						
	PVC	248+20.00	1047.72						
Symmetrical Parabola	PVC	248+20.00	1047.72	160	-3.28%	-2.50%	206	0.16	
	POVC	248+50.00	1046.76						
	PVI	249+00.00	1045.10						
	POVC	249+50.00	1043.87						
Linear	PVT	249+80.00	1043.10	25	-2.50%				
	PVT	249+80.00	1043.10						
	POVT	250+00.00	1042.60						
	PVC	250+05.00	1042.48						
Symmetrical Parabola	PVC	250+05.00	1042.48	260	-2.50%	1.26%	69	1.22	
	POVC	250+50.00	1041.50						
	POVC	251+00.00	1040.76						
	PVI	251+35.00	1039.23						
	POVC	251+50.00	1040.37						
	VLOW	251+77.85	1040.32						
	POVC	252+00.00	1040.35						
	POVC	252+50.00	1040.69						
Linear	PVT	252+65.00	1040.87	100	1.26%				
	POVT	253+00.00	1041.31						
	POVT	253+50.00	1041.94						
	PVC	253+65.00	1042.13						
Symmetrical Parabola	PVC	253+65.00	1042.13	250	1.26%	-4.69%	42	-1.86	306
	POVC	254+00.00	1042.42						
	VHIGH	254+17.95	1042.46						
	POVC	254+50.00	1042.34						
	PVI	254+90.00	1043.70						
	POVC	255+00.00	1041.66						
	POVC	255+50.00	1040.39						
	POVC	256+00.00	1038.52						
	PVT	256+15.00	1037.84						
Linear	PVT	256+15.00	1037.84	285	-4.69%				
	POVT	256+50.00	1036.20						
	POVT	257+00.00	1033.86						
	POVT	257+50.00	1031.51						
	POVT	258+00.00	1029.17						
	POVT	258+50.00	1026.83						
	PVC	259+00.00	1024.48						
	PVC	259+00.00	1024.48						
Symmetrical Parabola	POVC	259+50.00	1022.27	140	-4.69%	-3.26%	98	0.25	
	PVI	259+70.00	1021.20						
	POVC	260+00.00	1020.31						
	PVT	260+40.00	1018.92						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	260+40.00	1018.92	275	-3.26%				
	POVT	260+50.00	1018.59						
	POVT	261+00.00	1016.96						
	POVT	261+50.00	1015.33						
	POVT	262+00.00	1013.70						
	POVT	262+50.00	1012.07						
	POVT	263+00.00	1010.44						
	PVC	263+15.00	1009.95						
Symmetrical Parabola	PVC	263+15.00	1009.95	140	-3.26%	-2.55%	195	0.13	
	POVC	263+50.00	1008.84						
	PVI	263+85.00	1007.66						
	POVC	264+00.00	1007.36						
	POVC	264+50.00	1006.01						
	PVT	264+55.00	1005.88						
Linear	PVT	264+55.00	1005.88	315	-2.55%				
	POVT	265+00.00	1004.74						
	POVT	265+50.00	1003.47						
	POVT	266+00.00	1002.19						
	POVT	266+50.00	1000.92						
	POVT	267+00.00	999.65						
	POVT	267+50.00	998.37						
	PVC	267+70.00	997.87						
	PVC	267+70.00	997.87						
	POVC	268+00.00	997.13						
Symmetrical Parabola	POVC	268+50.00	996.06	300	-2.55%	-0.37%	138	0.82	
	POVC	269+00.00	995.17						
	PVI	269+20.00	994.05						
	POVC	269+50.00	994.46						
	POVC	270+00.00	993.93						
	POVC	270+50.00	993.58						
Linear	PVT	270+70.00	993.49	60	-0.37%				
	PVT	270+70.00	993.49						
	POVT	271+00.00	993.38						
	PVC	271+30.00	993.27						
Symmetrical Parabola	PVC	271+30.00	993.27	300	-0.37%	0.50%	345	0.33	
	POVC	271+50.00	993.21						
	POVC	272+00.00	993.09						
	POVC	272+50.00	993.04						
	VLOW	272+57.26	993.04						
	PVI	272+80.00	992.72						
	POVC	273+00.00	993.07						
	POVC	273+50.00	993.16						
	POVC	274+00.00	993.33						
	PVT	274+30.00	993.47						
Linear	PVT	274+30.00	993.47	210	0.50%				
	POVT	274+50.00	993.57						
	POVT	275+00.00	993.82						
	POVT	275+50.00	994.07						
	POVT	276+00.00	994.32						
	PVC	276+40.00	994.52						
Symmetrical Parabola	PVC	276+40.00	994.52	180	0.50%	-4.19%	38	-1.06	320
	POVC	276+50.00	994.56						
	VHIGH	276+59.22	994.57						
	POVC	277+00.00	994.35						
	PVI	277+30.00	994.97						
	POVC	277+50.00	993.50						
	POVC	278+00.00	991.99						
	PVT	278+20.00	991.20						
Linear	PVT	278+20.00	991.20	20	-4.19%				
	PVC	278+40.00	990.36						
	PVC	278+40.00	990.36						
Symmetrical Parabola	PVC	278+40.00	990.36	250	-4.19%	-4.91%	345	-0.23	1614
	POVC	278+50.00	989.94						
	POVC	279+00.00	987.80						
	POVC	279+50.00	985.58						
	PVI	279+65.00	985.13						
	POVC	280+00.00	983.29						
	POVC	280+50.00	980.93						
	PVT	280+90.00	978.98						

## VERTICAL ALIGNMENT SHEET 2

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: NULL

CHECKED BY: PTS

IPARM FILE NAME: IOC224\_I01

SHEET 101 OF 232