

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	Maximum Banking	Design Speed
Curve 22	PC	406+68.57	523730.253	1702082.684	2860	579	11°35'27.91"	Right	0.038	50
Back Station		408+20.00	523580.114	1702063.067						
Ahead Station		F 0+00.00								
Curve 22	PI	F 1+38.85	523441.522	1702052.709	2860	579	11°35'27.91"	Right	0.038	50
	CC		524025.580	1699237.972						
	PT	F 4+27.15	523164.701	1701965.331						
Tangent	PT	F 4+27.15	523164.701	1701965.331						
	PC	F 19+35.77	521726.049	1701511.227						
Curve 23	PC	F 19+35.77	521726.049	1701511.227	3000	163.58	3°07'26.86"	Right	0.037	50
	PI	F 20+17.58	521648.033	1701486.602						
	CC		522629.069	1698650.361						
	PT	F 20+99.35	521571.476	1701457.761						
Tangent	PT	F 20+99.35	521571.476	1701457.761						
	PC	F 23+19.11	521365.826	1701380.290						
Curve 24	PC	F 23+19.11	521365.826	1701380.290	760	592.76	44°41'15.85"	Left	0.080	50
	PI	F 26+31.49	521073.502	1701270.166						
	CC		521097.903	1702091.498						
	PT	F 29+11.87	520788.231	1701397.449						
Tangent	PT	F 29+11.87	520788.231	1701397.449						
	PC	F 38+47.23	519934.035	1701778.575						
Curve 25	PC	F 38+47.23	519934.035	1701778.575	1600	319.18	11°25'47.11"	Left	0.059	50
	PI	F 40+07.35	519787.809	1701843.818						
	CC		520585.975	1703239.730						
	PT	F 41+66.41	519657.412	1701936.745						
Tangent	PT	F 41+66.41	519657.412	1701936.745						
	PC	F 42+77.66	519566.816	1702001.308						
Curve 26	PC	F 42+77.66	519566.816	1702001.308	1800	329.81	10°29'53.70"	Right	0.055	50
	PI	F 44+43.03	519432.145	1702097.280						
	CC		518522.183	1700535.449						
	PT	F 46+07.47	519282.241	1702167.108						
Tangent	PT	F 46+07.47	519282.241	1702167.108						
	PC	F 55+93.11	518388.786	1702583.297						
Curve 27	PC	F 55+93.11	518388.786	1702583.297	4000	221.81	3°10'37.68"	Right	0.029	50
	PI	F 57+04.04	518288.230	1702630.138						
	CC		516699.767	1698957.388						
	PT	F 58+14.91	518185.231	1702671.334						
Tangent	PT	F 58+14.91	518185.231	1702671.334						
	PC	F 64+29.66	517614.445	1702899.631						
Curve 28	PC	F 64+29.66	517614.445	1702899.631	1020	278.44	15°38'27.05"	Right	0.058	40
	PI	F 65+69.76	517484.371	1702951.657						
	CC		517235.652	1701952.575						
	PT	F 67+08.11	517345.086	1702966.687						
Tangent	PT	F 67+08.11	517345.086	1702966.687						
	PC	F 68+38.01	517215.932	1702980.624						
Curve 29	PC	F 68+38.01	517215.932	1702980.624	1600	397.45	14°13'57.16"	Right	0.043	40
	PI	F 70+37.76	517017.333	1703002.055						
	CC		517044.270	1701389.860						
	PT	F 72+35.46	516819.561	1702974.002						
Tangent	PT	F 72+35.46	516819.561	1702974.002						
	PC	F 78+75.99	516185.379	1702884.043						
Curve 30	PC	F 78+75.99	516185.379	1702884.043	4000	494.91	7°05'20.65"	Left	0.020	40
	PI	F 81+23.76	515940.063	1702849.246						
	CC		515623.605	1706844.398						
	PT	F 83+70.90	515692.328	1702844.989						
Tangent	PT	F 83+70.90	515692.328	1702844.989						
	PC	F 89+90.44	515072.874	1702834.344						
Curve 31	PC	F 89+90.44	515072.874	1702834.344	4000	431.85	6°11'09.07"	Left	NC	35
	PI	F 92+06.58	514856.769	1702830.631						
	CC		515004.151	1706833.754						
	PT	F 94+22.30	514641.522	1702850.225						
Tangent	PT	F 94+22.30	514641.522	1702850.225						
	PC	F 101+58.86	513907.994	1702917.000						
Curve 32	PC	F 101+58.86	513907.994	1702917.000	6000	190.84	1°49'20.58"	Right	NC	35
	PI	F 102+54.29	513812.959	1702925.651						
	CC		513364.050	1696941.707						
	PT	F 103+49.70	513717.697	1702931.276						
Tangent	PT	F 103+49.70	513717.697	1702931.276						
	PC	F 107+38.47	513329.603	1702954.191						
Curve 33	PC	F 107+38.47	513329.603	1702954.191	2000	302.56	8°40'03.64"	Right	0.029	35
	PI	F 108+90.04	513178.297	1702963.124						
	CC		513211.720	1700957.668						
	PT	F 110+41.03	513027.374	1702949.154						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	Maximum Banking	Design Speed
Tangent	PT	F 110+41.03	513027.374	1702949.154						
	PC	F 112+12.88	512856.252	1702933.313						
Curve 34	PC	F 112+12.88	512856.252	1702933.313	3000	305.50	5°50'04.58"	Left	0.021	35
	PI	F 113+65.76	512704.021	1702919.222						
	CC		512579.733	1705920.542						
	PT	F 115+18.38	512551.146	1702920.679						
Tangent	PT	F 115+18.38	512551.146	1702920.679						
	PC	F 119+30.22	512139.326	1702924.603						
Curve 35	PC	F 119+30.22	512139.326	1702924.603	1400	166.36	6°48'30.25"	Right	0.039	35
	PI	F 120+13.50	512056.051	1702925.396						
	CC		512125.986	1701524.666						
	PT	F 120+96.58	511973.270	1702916.312						
Tangent	PT	F 120+96.58	511973.270	1702916.312						
	PC	F 121+57.96	511912.258	1702909.617						
Curve 36	PC	F 121+57.96	511912.258	1702909.617	2000	221.20	6°20'12.77"	Left	0.029	35
	PI	F 122+68.67	511802.207	1702897.540						
	CC		511694.093	1704897.682						
	PT	F 123+79.16	511691.494	1702897.684						
Tangent	PT	F 123+79.16	511691.494	1702897.684						
	PC	F 125+19.71	511550.947	1702897.867						
Curve 37	PC	F 125+19.71	511550.947	1702897.867	700	225.78	18°28'50.07"	Right	0.080	50
	PI	F 126+33.59	511437.067	1702898.015						
	CC		511550.038	1702197.867						
	PT	F 127+45.49	511329.012	1702862.057						
Tangent	PT	F 127+45.49	511329.012	1702862.057						
	PC	F 128+43.12	511236.376	1702831.230						
Curve 38	PC	F 128+43.12	511236.376	1702831.230	1120	377.58	19°18'57.36"	Left	0.072	50
	PI	F 130+33.72	511055.527	1702771.048						
	CC		510882.735	1703893.933						
	PT	F 132+20.70	510864.952	1702774.074						
Tangent	PT	F 132+20.70	510864.952	1702774.074						
	PC	F 132+93.16	510792.503	1702775.225						
Curve 39	PC	F 132+93.16	510792.503	1702775.225	5250	448.94	4°53'58.35"	Left	0.023	50
	PI	F 135+17.77	510567.923	1702778.791						
	CC		510875.865	1708024.563						
	PCC	F 137+42.10	510344.468	1702801.526						
Curve 40	PCC	F 137+42.10	510344.468	1702801.526	1180	387.17	18°47'57.81"	Left	0.070	50
	PI	F 139+37.44	510150.130	1702821.298						
	CC		510463.906	1703975.466						
	PT	F 141+29.27	509972.531	1702902.642						
Tangent	PT	F 141+29.27	509972.531	1702902.642						
	PC	F 142+13.14	509896.281	1702937.566						
Curve 41	PC	F 142+13.14	509896.281	1702937.566	3400	479.80	8°05'07.56"	Left	0.033	50
	PI	F 144+53.44	509677.808	1703037.631						
	CC		511312.107	1706028.753						
	PT	F 146+92.94	509475.581	1703167.429						
Tangent	PT	F 146+92.94	509475.581	1703167.429						
	PC	F 148+16.90	509371.259	1703234.388						
Curve 42	PC	F 148+16.90	509371.259	1703234.388	2000	236	6°45'04.35"	Left	0.051	50
Back Station		F 148+94.00	509307.194	1703277.273						
Ahead Station		T 0+00.00								
Curve 42	PI	T 0+40.87	509271.981	1703298.109	2000	235.66	6°45'04.35"	Left	0.051	50
	CC		510451.568	1704917.520						
	PT	T 1+58.56	509180.883	1703373.058						

HORIZONTAL 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_98

SHEET 98 OF 232