

FILE NAME: U:\1762\CADD\NSTM\STP\_2506\p05b048\_Contract\_Plan.dgn  
 DATE/TIME: 12/20/2012  
 USER: 4866

VERTICAL ALIGNMENT TABLE

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
WARREN ROUTE 100										
SYMMETRICAL PARABOLA	VHIGH	88+05.34	1114.99	700.00	7.0193%	-4.0888%	63	-9.72	369	50
	POC	88+50.00	1114.83							
	POC	89+00.00	1114.28							
	POC	89+50.00	1113.33							
	POC	90+00.00	1111.98							
	POC	90+50.00	1110.24							
	PVT	90+63.00	1109.72							
LINEAR	PVT	90+63.00	1109.72	422.00	-4.0888%					50
	POT	91+00.00	1108.21							
	POT	91+50.00	1106.16							
	POT	92+00.00	1104.12							
	POT	92+50.00	1102.07							
	POT	93+00.00	1100.03							
	POT	93+50.00	1097.98							
	POT	94+00.00	1095.94							
	POT	94+50.00	1093.90							
	PVC	94+85.00	1092.46							
	PVC	94+85.00	1092.46							
SYMMETRICAL PARABOLA	POC	95+00.00	1091.87	200.00	-4.0888%	-1.4018%	74	0.67	500	50
	POC	95+50.00	1090.09							
	PVI	95+85.00	1088.38							
	POC	96+00.00	1088.65							
	POC	96+50.00	1087.55							
	PVT	96+85.00	1086.97							
	PVT	96+85.00	1086.97							
LINEAR	POT	97+00.00	1086.76	525.00	-1.4018%					50
	POT	97+50.00	1086.06							
	POT	98+00.00	1085.36							
	POT	98+50.00	1084.66							
	POT	99+00.00	1083.96							
	POT	99+50.00	1083.26							
	POT	100+00.00	1082.56							
	POT	100+50.00	1081.86							
	POT	101+00.00	1081.16							
	POT	101+50.00	1080.46							
	POT	102+00.00	1079.75							
	PVC	102+10.00	1079.61							
	PVC	102+10.00	1079.61							
SYMMETRICAL PARABOLA	POC	102+50.00	1079.01	450.00	-1.4018%	-3.7189%	194	-1.30	691	50
	POC	103+00.00	1078.14							
	POC	103+50.00	1077.15							
	POC	104+00.00	1076.02							
	PVI	104+35.00	1076.46							
	POC	104+50.00	1074.77							
	POC	105+00.00	1073.38							
	POC	105+50.00	1071.87							
	POC	106+00.00	1070.23							
	POC	106+50.00	1068.46							
	PVT	106+60.00	1068.09							
LINEAR	PVT	106+60.00	1068.09	374.00	-3.7189%					50
	POT	107+00.00	1066.61							
	POT	107+50.00	1064.75							
	POT	108+00.00	1062.89							
	POT	108+50.00	1061.03							
	POT	109+00.00	1059.17							
	POT	109+50.00	1057.31							
	POT	110+00.00	1055.45							
	PVC	110+34.00	1054.18							
	PVC	110+34.00	1054.18							
	SYMMETRICAL PARABOLA	POC	110+50.00							
POC		111+00.00	1052.13							
POC		111+50.00	1051.12							
PVI		111+84.00	1048.61							
POC		112+00.00	1050.56							
VLOW		112+35.02	1050.45							
POC		112+50.00	1050.47							
POC		113+00.00	1050.84							
PVRC		113+34.00	1051.35							
PVRC		113+34.00	1051.35							

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ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
WARREN ROUTE 100										
SYMMETRICAL PARABOLA	PVRC	113+34.00	1051.35	426.00	1.8300%	-5.7558%	56	-4.04	348	50
	POC	113+50.00	1051.62							
	POC	114+00.00	1052.17							
	VHIGH	114+36.82	1052.29							
	POC	114+50.00	1052.28							
	POC	115+00.00	1051.94							
	PVI	115+47.00	1055.25							
	POC	115+50.00	1051.15							
	POC	116+00.00	1049.92							
	POC	116+50.00	1048.25							
	POC	117+00.00	1046.13							
	POC	117+50.00	1043.56							
	PVT	117+60.00	1042.99							
	PVT	117+60.00	1042.99							
LINEAR	POT	118+00.00	1040.69	50.00	-5.7558%					50
	PVC	118+10.00	1040.12							
	PVC	118+10.00	1040.12							
SYMMETRICAL PARABOLA	POC	118+50.00	1037.94	230.00	-5.7558%	-2.1099%	63	1.05	327	50
	POC	119+00.00	1035.58							
	PVI	119+25.00	1033.50							
	POC	119+50.00	1033.61							
	POC	120+00.00	1032.04							
	PVT	120+40.00	1031.07							
	PVT	120+40.00	1031.07							
	POC	120+50.00	1030.86							
	POC	121+00.00	1029.80							
	POC	121+50.00	1028.75							
	POC	122+00.00	1027.69							
LINEAR	POC	122+50.00	1026.64	572.50	-2.1099%					50
	POC	123+00.00	1025.58							
	POC	123+50.00	1024.53							
	POC	124+00.00	1023.47							
	POC	124+50.00	1022.42							
	POC	125+00.00	1021.36							
	POC	125+50.00	1020.31							
	POC	126+00.00	1019.25							
	PVC	126+12.50	1018.99							
	PVC	126+12.50	1018.99							
	POC	126+50.00	1018.09							
	POC	127+00.00	1016.55							
	POC	127+50.00	1014.63							
	PVI	127+75.00	1015.56							
	POC	128+00.00	1012.32							
LINEAR	POC	128+50.00	1009.63	325.00	-2.1099%	-7.1225%	65	-2.04	378	50
	POC	129+00.00	1006.55							
	PVT	129+37.50	1003.99							
	PVT	129+37.50	1003.99							
	POT	129+50.00	1003.10							
	POT	130+00.00	999.54							
	POT	130+50.00	995.98							
	POT	131+00.00	992.41							
	PVC	131+02.00	992.27							
	PVC	131+02.00	992.27							
	SYMMETRICAL PARABOLA	POC	131+50.00							
POC		132+00.00	986.33							
POC		132+50.00	984.10							
POC		133+00.00	982.41							
PVI		133+17.00	976.96							
POC		133+50.00	981.26							
POC		134+00.00	980.65							
VLOW		134+31.21	980.55							
POC		134+50.00	980.59							
POC		135+00.00	981.06							
PVT		135+32.00	981.65							

**VERTICAL ALIGNMENT TABLE SHEET #2**

PROJECT NAME:	WARREN - WAITSFIELD
PROJECT NUMBER:	STP 2506(1)
FILE NAME:	p05b048.dgn
PROJECT LEADER:	D.E.G.
DESIGNED BY:	M.J.M.
IPARM FILE:	p05b048va+02.i
PLOT DATE:	12/20/2012
DRAWN BY:	W.G.P.
CHECKED BY:	D.E.G.
SHEET	155 OF 310