

FILE NAME: U:\1762\CADD\NSTM\STP_2506\p05b048_Contract Plans.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
WAITSFIELD ROUTE 100										
SYMMETRICAL PARABOLA	PVC	0+00.00	779.61	20.00	-1.2360%	-0.1481%	18	0.03	319	50
	PVI	0+10.00	779.48							
	PVT	0+20.00	779.47							
LINEAR	PVT	0+20.00	779.47	346.00	-0.1481%					50
	POT	0+50.00	779.42							
	POT	1+00.00	779.35							
	POT	1+50.00	779.27							
	POT	2+00.00	779.20							
	POT	2+50.00	779.13							
	POT	3+00.00	779.05							
	POT	3+50.00	778.98							
	PVC	3+66.00	778.95							
	PVC	3+66.00	778.95							
SYMMETRICAL PARABOLA	POC	4+00.00	778.89	400.00	-0.1481%	-1.2372%	367	-0.55	1191	50
	POC	4+50.00	778.73							
	POC	5+00.00	778.51							
	POC	5+50.00	778.22							
	PVI	5+66.00	778.66							
	POC	6+00.00	777.86							
	POC	6+50.00	777.44							
	POC	7+00.00	776.94							
	POC	7+50.00	776.38							
	PVRC	7+66.00	776.18							
SYMMETRICAL PARABOLA	PVRC	7+66.00	776.18	624.00	-1.2372%	-0.1229%	560	0.87	1280	50
	POC	8+00.00	775.77							
	POC	8+50.00	775.21							
	POC	9+00.00	774.69							
	POC	9+50.00	774.21							
	POC	10+00.00	773.78							
	POC	10+50.00	773.39							
	PVI	10+78.00	772.32							
	POC	11+00.00	773.05							
	POC	11+50.00	772.75							
LINEAR	POC	12+00.00	772.50	50.00	-0.1229%					50
	POC	12+50.00	772.29							
	POC	13+00.00	772.12							
	POC	13+50.00	772.00							
	PVT	13+90.00	771.94							
	PVT	13+90.00	771.94							
	POT	14+00.00	771.93							
	PVC	14+40.00	771.88							
	PVC	14+40.00	771.88							
	VLOW	14+47.98	771.87							
SYMMETRICAL PARABOLA	POC	14+50.00	771.87	250.00	-0.1229%	3.7258%	65	1.20	325	50
	POC	15+00.00	772.08							
	POC	15+50.00	772.67							
	PVI	15+65.00	771.72							
	POC	16+00.00	773.65							
	POC	16+50.00	775.02							
	PVT	16+90.00	776.38							
	PVT	16+90.00	776.38							
	POT	17+00.00	776.75							
	PVC	17+30.00	777.87							
SYMMETRICAL PARABOLA	PVC	17+30.00	777.87	250.00	3.7258%	2.5100%	206	-0.38	1015	50
	POC	17+50.00	778.61							
	POC	18+00.00	780.36							
	POC	18+50.00	781.99							
	PVI	18+55.00	782.53							
	POC	19+00.00	783.51							
	POC	19+50.00	784.90							
	PVCC	19+80.00	785.67							
	PVCC	19+80.00	785.67							
	POC	20+00.00	786.12							
SYMMETRICAL PARABOLA	POC	20+50.00	786.76	340.00	2.5100%	-6.7393%	37	-3.93	282	50
	VHIGH	20+72.36	786.83							
	POC	21+00.00	786.73							
	PVI	21+50.00	786.01							
	POC	22+00.00	784.62							
	POC	22+50.00	782.54							
	POC	23+00.00	779.78							
	PVT	23+20.00	778.49							

VERTICAL ALIGNMENT TABLE										
ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
WAITSFIELD ROUTE 100										
LINEAR	PVT	23+20.00	778.49	144.00	-6.7393%					50
	POT	23+50.00	776.47							
	POT	24+00.00	773.10							
	POT	24+50.00	769.73							
	PVC	24+64.00	768.78							
SYMMETRICAL PARABOLA	PVC	24+64.00	768.78	300.00	-6.7393%	7.1712%	22	5.22	138	50
	POC	25+00.00	766.66							
	POC	25+50.00	764.70							
	POC	26+00.00	763.91							
	VLOW	26+09.34	763.89							
	PVI	26+14.00	758.67							
	POC	26+50.00	764.27							
	POC	27+00.00	765.79							
	POC	27+50.00	768.47							
	PVT	27+64.00	769.43							
LINEAR	PVT	27+64.00	769.43	69.00	7.1712%					50
	POT	28+00.00	772.01							
	PVC	28+33.00	774.38							
SYMMETRICAL PARABOLA	PVC	28+33.00	774.38	300.00	7.1712%	6.7893%	785	-0.14	2975	50
	POC	28+50.00	775.60							
	POC	29+00.00	779.16							
	POC	29+50.00	782.68							
	PVI	29+83.00	785.14							
	POC	30+00.00	786.18							
	POC	30+50.00	789.64							
	POC	31+00.00	793.07							
	PVT	31+33.00	795.32							
	PVT	31+33.00	795.32							
LINEAR	POT	31+50.00	796.47	122.50	6.7893%					50
	POT	32+00.00	799.87							
	POT	32+50.00	803.26							
	PVC	32+55.00	803.64							
	PVC	32+55.00	803.64							
SYMMETRICAL PARABOLA	POC	32+55.00	803.64	475.00	6.7893%	-2.3437%	52	-5.42	335	50
	POC	33+00.00	806.47							
	POC	33+50.00	809.19							
	POC	34+00.00	811.44							
	POC	34+50.00	813.21							
	PVI	34+93.00	819.76							
	POC	35+00.00	814.49							
	POC	35+50.00	815.29							
	POC	36+00.00	815.62							
	VHIGH	36+08.61	815.62							
LINEAR	POC	36+50.00	815.46	345.50	-2.3437%					50
	POC	37+00.00	814.82							
	PVT	37+30.50	814.20							
	PVT	37+30.50	814.20							
	POT	37+50.00	813.74							
	POT	38+00.00	812.57							
	POT	38+50.00	811.39							
	POT	39+00.00	810.22							
	POT	39+50.00	809.05							
	POT	40+00.00	807.88							
PVC	40+50.00	806.71								
PVC	40+76.00	806.10								

VERTICAL ALIGNMENT TABLE SHEET #8	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: p05b048vat08.i
	PLOT DATE: 12/20/2012 DRAWN BY: W.G.P. CHECKED BY: D.E.G. SHEET 161 OF 310