

FILE NAME: U:\1762\CADD\NSTM\STP_2506\p05b048_Conv.eas_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
WAITSFIELD ROUTE 100										
SYMMETRICAL PARABOLA	PVC	40+76.00	806.10	220.00	-2.3437%	-0.5277%	121	0.50	6053	50
	POC	41+00.00	805.56							
	POC	41+50.00	804.59							
	PVI	41+86.00	803.52							
	POC	42+00.00	803.83							
	POC	42+50.00	803.27							
LINEAR	PVT	42+96.00	802.94	735.00	-0.5277%					50
	POT	42+96.00	802.94							
	POT	43+00.00	802.92							
	POT	43+50.00	802.65							
	POT	44+00.00	802.39							
	POT	44+50.00	802.13							
	POT	45+00.00	801.86							
	POT	45+50.00	801.60							
	POT	46+00.00	801.34							
	POT	46+50.00	801.07							
	POT	47+00.00	800.81							
	POT	47+50.00	800.54							
	POT	48+00.00	800.28							
	POT	48+50.00	800.02							
	SYMMETRICAL PARABOLA	PVC	49+00.00							
POT		49+50.00	799.49							
POT		50+00.00	799.22							
PVC		50+31.00	799.06							
POC		50+50.00	798.93							
PVI		50+81.00	798.80							
LINEAR	PVC	51+00.00	798.29	214.50	-2.2564%					50
	PVT	51+31.00	797.67							
	POT	51+31.00	797.67							
	POT	51+50.00	797.24							
	POT	52+00.00	796.11							
	POT	52+50.00	794.98							
SYMMETRICAL PARABOLA	POT	53+00.00	793.86	125.00	-2.2564%	-0.7268%	82	0.24	374	50
	PVC	53+45.50	792.83							
	POC	53+50.00	792.73							
	POC	54+00.00	791.78							
	PVI	54+08.00	791.42							
	POC	54+50.00	791.14							
LINEAR	PVT	54+70.50	790.96	181.50	-0.7268%					50
	POT	54+70.50	790.96							
	POT	55+00.00	790.75							
	POT	55+50.00	790.39							
	POT	56+00.00	790.02							
	POT	56+50.00	789.66							
SYMMETRICAL PARABOLA	PVC	56+52.00	789.65	150.00	-0.7268%	-0.2435%	310	0.09	1191	50
	POC	56+52.00	789.65							
	POC	57+00.00	789.33							
	PVI	57+27.00	789.10							
	POC	57+50.00	789.09							
	POC	58+00.00	788.92							
SYMMETRICAL PARABOLA	PVRC	58+02.00	788.92	575.00	-0.2435%	-0.9723%	789	-0.52	1769	50
	PVRC	58+02.00	788.92							
	POC	58+50.00	788.79							
	POC	59+00.00	788.62							
	POC	59+50.00	788.42							
	POC	60+00.00	788.19							
	POC	60+50.00	787.92							
	PVI	60+90.00	788.22							
	POC	61+00.00	787.63							
	POC	61+50.00	787.30							
	POC	62+00.00	786.94							
	PVT	63+77.50	785.42							

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	63+77.00	785.42	199.00	-0.9723%					50
	POT	64+00.00	785.20							
	POT	64+50.00	784.71							
	POT	65+00.00	784.23							
	POT	65+50.00	783.74							
	PVC	65+76.50	783.49							
SYMMETRICAL PARABOLA	PVC	65+76.50	783.49	275.00	-0.9723%	-7.0261%	45	-2.08	316	50
	POC	66+00.00	783.20							
	POC	66+50.00	782.18							
	POC	67+00.00	780.61							
	PVI	67+14.00	782.15							
	POC	67+50.00	778.49							
LINEAR	POC	68+00.00	775.81	252.50	-7.0261%					50
	POC	68+50.00	772.59							
	PVT	68+51.50	772.49							
	POT	68+51.50	772.49							
	POT	69+00.00	769.08							
	POT	69+50.00	765.57							
SYMMETRICAL PARABOLA	POT	70+00.00	762.05	210.00	-7.0261%	0.4098%	28	1.95	167	50
	POT	70+50.00	758.54							
	POT	71+00.00	755.03							
	PVC	71+04.00	754.75							
	POC	71+04.00	754.75							
	POC	71+50.00	751.89							
LINEAR	POC	72+00.00	749.63	113.00	0.4098%					50
	PVI	72+09.00	747.37							
	POC	72+50.00	748.26							
	POC	73+00.00	747.78							
	VLOW	73+02.43	747.78							
	PVT	73+14.00	747.80							
SYMMETRICAL PARABOLA	POT	73+14.00	747.80	200.00	0.4098%	-1.0071%	141	-0.35	862	50
	POT	73+50.00	747.95							
	POT	74+00.00	748.15							
	PVC	74+27.00	748.26							
	POC	74+50.00	748.34							
	VHIGH	74+84.84	748.38							
LINEAR	POC	75+00.00	748.37	392.00	-1.0071%					50
	PVI	75+27.00	748.67							
	POC	75+50.00	748.23							
	POC	76+00.00	747.91							
	PVT	76+27.00	747.67							
	POT	76+27.00	747.67							
	POT	76+50.00	747.43							
	POT	77+00.00	746.93							
	POT	77+50.00	746.43							
	POT	78+00.00	745.92							
	POT	78+50.00	745.42							
	POT	79+00.00	744.92							
SYMMETRICAL PARABOLA	POT	79+50.00	744.41	800.00	-1.0071%	0.4732%	540	1.48	2000	50
	POT	80+00.00	743.91							
	PVC	80+19.00	743.72							
	PVC	80+19.00	743.72							
	POC	80+50.00	743.42							
	POC	81+00.00	742.96							
	POC	81+50.00	742.56							
	POC	82+00.00	742.20							
	POC	82+50.00	741.89							
	POC	83+00.00	741.62							
	POC	83+50.00	741.40							
	PVI	84+00.00	741.22							
POC	84+19.00	739.69								
POC	84+50.00	741.10								

VERTICAL ALIGNMENT TABLE SHEET #9	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: p05b048vat09.i
	PLOT DATE: 12/20/2012 DRAWN BY: W.G.P. CHECKED BY: D.E.G. SHEET 162 OF 310