

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								
WARREN ROUTE 100																		
SYMMETRICAL PARABOLA	PVC	268+86.00	830.59	450.00	-4.8599%	-1.1325%	121	2.10	525	50								
	POC	269+00.00	829.92															
	POC	269+50.00	827.65															
	POC	270+00.00	825.59															
	POC	270+50.00	823.73															
	POC	271+00.00	822.09															
	PVI	271+11.00	819.65															
	POC	271+50.00	820.64															
	POC	272+00.00	819.41															
	POC	272+50.00	818.39															
	POC	273+00.00	817.57															
	PVT	273+36.00	817.11															
	PVT	273+36.00	817.11															
LINEAR	POT	273+50.00	816.95	579.00	-1.1325%					50								
	POT	274+00.00	816.38															
	POT	274+50.00	815.81															
	POT	275+00.00	815.25															
	POT	275+50.00	814.68															
	POT	276+00.00	814.12															
	POT	276+50.00	813.55															
	POT	277+00.00	812.98															
	POT	277+50.00	812.42															
	POT	278+00.00	811.85															
	POT	278+50.00	811.28															
	POT	279+00.00	810.72															
	PVC	279+15.00	810.55															
SYMMETRICAL PARABOLA	PVC	279+15.00	810.55	350.00	-1.1325%	-0.3375%	440	0.35	1648	50								
	POC	279+50.00	810.17															
	POC	280+00.00	809.67															
	POC	280+50.00	809.23															
	PVI	280+90.00	808.57															
	POC	281+00.00	808.84															
	POC	281+50.00	808.51															
	POC	282+00.00	808.24															
	POC	282+50.00	808.03															
	PVT	282+65.00	807.98															
	PVT	282+65.00	807.98															
	LINEAR	POT	283+00.00								807.86	618.00	-0.3375%					50
		POT	283+50.00								807.69							
POT		284+00.00	807.52															
POT		284+50.00	807.35															
POT		285+00.00	807.18															
POT		285+50.00	807.01															
POT		286+00.00	806.85															
POT		286+50.00	806.68															
POT		287+00.00	806.51															
POT		287+50.00	806.34															
POT		288+00.00	806.17															
POT		288+50.00	806.00															
PVC		288+83.00	805.89															
SYMMETRICAL PARABOLA	PVC	288+83.00	805.89	400.00	-0.3375%	1.5400%	213	0.94	4479	50								
	POC	289+00.00	805.84															
	POC	289+50.00	805.77															
	VLOW	289+54.87	805.77															
	POC	290+00.00	805.82															
	POC	290+50.00	805.98															
	PVI	290+83.00	805.22															
	POC	291+00.00	806.26															
	POC	291+50.00	806.66															
	POC	292+00.00	807.18															
	POC	292+50.00	807.81															
	PVRC	292+83.00	808.30															
	PVRC	292+83.00	808.30															
SYMMETRICAL PARABOLA	POC	293+00.00	808.56	210.00	1.5400%	1.0300%	413	-0.13	2226	50								
	POC	293+50.00	809.28															
	PVI	293+88.00	809.92															
	POC	294+00.00	809.93															
	POC	294+50.00	810.53															
	PVRC	294+93.00	811.00															
	PVRC	294+93.00	811.00															

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	PVRC	294+93.00	811.00	76.00	1.0300%	1.4382%	187	0.04	755	50
	POC	295+00.00	811.07							
	PVI	295+31.00	811.39							
	POC	295+50.00	811.67							
	PVT	295+69.00	811.94							
	PVT	295+69.00	811.94							
LINEAR	POT	296+00.00	812.38	94.00	1.4382%					
	POT	296+50.00	813.10							
	PVC	296+63.00	813.29							
	PVC	296+63.00	813.29							
	POC	297+00.00	813.92							
SYMMETRICAL PARABOLA	POC	297+50.00	815.07	250.00	1.4382%	4.9226%	72	1.09	366	50
	PVI	297+88.00	815.09							
	POC	298+00.00	816.57							
	POC	298+50.00	818.42							
	POC	299+00.00	820.61							
	PVT	299+13.00	821.24							
	PVT	299+13.00	821.24							
	POT	299+50.00	823.06							
LINEAR	PVC	299+98.50	825.45	85.50	4.9226%					50
	PVC	299+98.50	825.45							
	POC	300+00.00	825.52							
SYMMETRICAL PARABOLA	POC	300+50.00	827.70	525.00	4.9226%	-6.3589%	47	-7.40	317	50
	POC	301+00.00	829.34							
	POC	301+50.00	830.44							
	POC	302+00.00	831.01							
	VHIGH	302+27.58	831.09							
	POC	302+50.00	831.03							
	PVI	302+61.00	838.37							
	POC	303+00.00	830.52							
	POC	303+50.00	829.48							
	POC	304+00.00	827.89							
	POC	304+50.00	825.77							
	POC	305+00.00	823.11							
	PVT	305+23.50	821.68							
LINEAR	PVT	305+23.50	821.68	320.50	-6.3589%					50
	POT	305+50.00	819.99							
	POT	306+00.00	816.82							
	POT	306+50.00	813.64							
	POT	307+00.00	810.46							
	POT	307+50.00	807.28							
	POT	308+00.00	804.10							
	PVC	308+44.00	801.30							
	PVC	308+44.00	801.30							
	POC	308+50.00	800.92							
SYMMETRICAL PARABOLA	POC	309+00.00	798.07	300.00	-6.3589%	0.0554%	47	2.41	241	50
	POC	309+50.00	795.76							
	PVI	309+94.00	791.76							
	POC	310+00.00	793.98							
	POC	310+50.00	792.74							
	POC	311+00.00	792.03							
	VLOW	311+41.41	791.84							
	PVT	311+44.00	791.84							
LINEAR	PVT	311+44.00	791.84	225.00	0.0554%					50
	POT	311+50.00	791.85							
	POT	312+00.00	791.88							
	POT	312+50.00	791.90							
	POT	313+00.00	791.93							
	POT	313+50.00	791.96							
	PVC	313+69.00	791.97							
	PVC	313+69.00	791.97							

VERTICAL ALIGNMENT TABLE SHEET #6	PROJECT NAME: WARREN - WAITSFIELD
	PROJECT NUMBER: STP 2506(1)
	FILE NAME: p05b048.dgn
	PLOT DATE: 12/20/2012
PROJECT LEADER: D.E.G.	DRAWN BY: W.G.P.
DESIGNED BY: M.J.M.	CHECKED BY: D.E.G.
IPARM FILE: p05b048vat06.i	SHEET 159 OF 310