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	313+69.00	791.97	100.00	0.0554%	-1.0987%	87	-0.14	985	50
	VHIGH	313+73.80	791.97							
	POC	314+00.00	791.93							
	PVI	314+19.00	792.00							
	POC	314+50.00	791.64							
	PVT	314+69.00	791.45							
LINEAR	PVT	314+69.00	791.45	44.00	-1.0987%					50
	POC	315+00.00	791.11							
	PVC	315+13.00	790.96							
SYMMETRICAL PARABOLA	PVC	315+13.00	790.96	120.00	-1.0987%	0.7006%	67	0.27	6248	50
	POC	315+50.00	790.66							
	PVI	315+73.00	790.30							
	VLOW	315+86.28	790.56							
	POC	316+00.00	790.58							
	PVT	316+33.00	790.72							
LINEAR	PVT	316+33.00	790.72	72.50	0.7006%					50
	POT	316+50.00	790.84							
	POT	317+00.00	791.19							
	PVC	317+05.50	791.23							
SYMMETRICAL PARABOLA	PVC	317+05.50	791.23	225.00	0.7006%	3.6483%	76	0.83	444	50
	POC	317+50.00	791.67							
	POC	318+00.00	792.48							
	PVI	318+18.00	792.02							
	POC	318+50.00	793.61							
	POC	319+00.00	795.07							
	PVT	319+30.50	796.13							
LINEAR	PVT	319+30.50	796.13	44.50	3.6483%					50
	POT	319+50.00	796.84							
	PVC	319+75.00	797.75							
SYMMETRICAL PARABOLA	PVC	319+75.00	797.75	100.00	3.6483%	1.2594%	42	-0.30	502	50
	POC	320+00.00	798.59							
	PVI	320+25.00	799.57							
	POC	320+50.00	799.81							
	PVT	320+75.00	800.20							
LINEAR	PVT	320+75.00	800.20	21.50	1.2594%					50
	PVC	320+96.50	800.47							
SYMMETRICAL PARABOLA	PVC	320+96.50	800.47	185.00	1.2594%	0.2362%	181	-0.24	1147	50
	POC	321+00.00	800.52							
	POC	321+50.00	801.07							
	PVI	321+89.00	801.64							
	POC	322+00.00	801.48							
	POC	322+50.00	801.75							
	PVT	322+81.50	801.86							
LINEAR	PVT	322+81.50	801.86	37.00	0.2362%					50
	POT	323+00.00	801.90							
	PVC	323+18.50	801.94							
SYMMETRICAL PARABOLA	PVC	323+18.50	801.94	75.00	0.2362%	-3.2459%	22	-0.33	347	50
	VHIGH	323+23.59	801.95							
	POC	323+50.00	801.79							
	PVI	323+56.00	802.03							
	PVT	323+93.50	800.82							
LINEAR	PVT	323+93.50	800.82	53.50	-3.2459%					50
	POT	324+00.00	800.60							
	PVC	324+47.00	799.08							
SYMMETRICAL PARABOLA	PVC	324+47.00	799.08	100.00	-3.2459%	-5.6492%	42	-0.30	499	50
	POC	324+50.00	798.98							
	PVI	324+97.00	797.46							
	POC	325+00.00	797.02							
	PVT	325+47.00	794.63							
LINEAR	PVT	325+47.00	794.63	66.00	-5.6492%					50
	POT	325+50.00	794.46							
	POT	326+00.00	791.64							
	PVC	326+13.00	790.90							
SYMMETRICAL PARABOLA	PVC	326+13.00	790.90	200.00	-5.6492%	-0.1718%	37	1.37	201	50
	POT	326+50.00	789.00							
	POT	327+00.00	787.02							
	PVI	327+13.00	785.25							
	POT	327+50.00	785.73							
	POT	328+00.00	785.13							
	PVT	328+13.00	785.08							

VERTICAL ALIGNMENT TABLE

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
WARREN ROUTE 100										
LINEAR	PVT	328+13.00	785.08	321.50	-0.1718%					50
	POT	328+50.00	785.02							
	POT	329+00.00	784.93							
	POT	329+50.00	784.85							
	POT	330+00.00	784.76							
	POT	330+50.00	784.67							
	POT	331+00.00	784.59							
	PVC	331+34.50	784.53							
SYMMETRICAL PARABOLA	PVC	331+34.50	784.53	175.00	-0.1718%	-1.6779%	116	-0.33	804	50
	POC	331+50.00	784.49							
	POC	332+00.00	784.23							
	PVI	332+22.00	784.38							
	POC	332+50.00	783.76							
	POC	333+00.00	783.07							
	PVT	333+09.50	782.91							
LINEAR	PVT	333+09.50	782.91	127.55	-1.6779%					50
	POT	333+50.00	782.23							
	POT	334+00.00	781.39							
	PVC	334+37.05	780.77							
SYMMETRICAL PARABOLA	PVC	334+37.05	380.77	80.00	-1.6779%	-1.2360%	181	0.04	732	50
	POC	334+50.00	780.56							
	PVI	334+77.05	780.10							
	POC	335+00.00	779.82							
	PVT	335+17.05	779.61							
MAIN STREET										
LINEAR	POB	1+00.00	888.48	15.00	-5.9000%					25
	PVI	1+15.00	887.59							
LINEAR	PVI	1+15.00	887.59	45.00	1.1642%					25
	POT	1+50.00	888.00							
	PVC	1+60.00	888.12							
SYMMETRICAL PARABOLA	PVC	1+60.00	888.12	100.00	1.1642%	-1.7823%	34	-0.37	416	25
	VHIGH	1+99.51	888.35							
	POC	2+00.00	888.35							
	PVI	2+10.00	888.70							
	POC	2+50.00	887.97							
	PVT	2+60.00	887.81							

VERTICAL ALIGNMENT TABLE SHEET #7

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: p05b048vat07.i

PLOT DATE: 12/20/2012
DRAWN BY: W.G.P.
CHECKED BY: D.E.G.
SHEET 160 OF 310

FILE NAME = U:\1762\CADD\MSTN\STP 2506\p05b048_Contract Plans.dgn
DATE/TIME = 12/20/2012
USER = 4865