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	177+91.00	932.99	425.00	1.2404%	2.4966%	338	0.67	1289	50
	POC	178+00.00	933.10							
	POC	178+50.00	933.77							
	POC	179+00.00	934.51							
	POC	179+50.00	935.33							
	POC	180+00.00	936.22							
	PVI	180+04.00	935.63							
	POC	180+50.00	937.19							
	POC	181+00.00	938.22							
	POC	181+50.00	939.34							
	POC	182+00.00	940.52							
	PVT	182+16.50	940.93							
LINEAR	PVT	182+16.50	940.93	497.00	2.4966%					50
	POT	182+50.00	941.77							
	POT	183+00.00	943.02							
	POT	183+50.00	944.27							
	POT	184+00.00	945.51							
	POT	184+50.00	946.76							
	POT	185+00.00	948.01							
	POT	185+50.00	949.26							
	POT	186+00.00	950.51							
	POT	186+50.00	951.76							
	POT	187+00.00	953.00							
	PVC	187+13.50	953.34							
SYMMETRICAL PARABOLA	PVC	187+13.50	953.34	425.00	2.4966%	-1.5438%	105	-2.15	480	50
	POC	187+50.00	954.19							
	POC	188+00.00	955.14							
	POC	188+50.00	955.86							
	POC	189+00.00	956.34							
	PVI	189+26.00	958.65							
	POC	189+50.00	956.59							
	VHIGH	189+76.11	956.62							
	POC	190+00.00	956.59							
	POC	190+50.00	956.36							
	POC	191+00.00	955.89							
	PVT	191+38.50	955.37							
LINEAR	PVT	191+38.50	955.37	278.50	-1.5438%					50
	POT	191+50.00	955.19							
	POT	192+00.00	954.42							
	POT	192+50.00	953.64							
	POT	193+00.00	952.87							
	POT	193+50.00	952.10							
	POT	194+00.00	951.33							
	PVC	194+17.00	951.07							
SYMMETRICAL PARABOLA	PVC	194+17.00	951.07	200.00	-1.5438%	-3.3994%	108	-0.46	681	50
	POC	194+50.00	950.51							
	POC	195+00.00	949.46							
	PVI	195+17.00	949.52							
	POC	195+50.00	948.19							
	POC	196+00.00	946.69							
	PVT	196+17.00	946.12							
LINEAR	PVT	196+17.00	946.12	144.00	-3.3994%					50
	POT	196+50.00	945.00							
	POT	197+00.00	943.30							
	POT	197+50.00	941.60							
	PVC	197+61.00	941.23							
SYMMETRICAL PARABOLA	PVC	197+61.00	941.23	350.00	-3.3994%	1.9964%	65	2.36	311	50
	POC	198+00.00	940.02							
	POC	198+50.00	938.81							
	POC	199+00.00	937.99							
	PVI	199+36.00	935.28							
	POC	199+50.00	937.56							
	VLOW	199+81.50	937.48							
	POC	200+00.00	937.51							
	POC	200+50.00	937.84							
	POC	201+00.00	938.56							
	PVT	201+11.00	938.77							
LINEAR	PVT	201+11.00	938.77	84.00	1.9964%					50
	POT	201+50.00	939.55							
	PVC	201+95.00	940.45							

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	201+95.00	940.45	450.00	1.9964%	-4.9090%	65	-3.88	375	50
	POC	202+00.00	940.55							
	POC	202+50.00	941.32							
	POC	203+00.00	941.70							
	VHIGH	203+25.10	941.75							
	POC	203+50.00	941.70							
	POC	204+00.00	941.32							
	PVI	204+20.00	944.94							
	POC	204+50.00	940.55							
	POC	205+00.00	939.40							
	POC	205+50.00	937.87							
	POC	206+00.00	935.95							
	PVT	206+45.00	933.90							
LINEAR	PVT	206+45.00	933.90	525.00	-4.9090%					50
	POT	206+50.00	933.65							
	POT	207+00.00	931.20							
	POT	207+50.00	928.74							
	POT	208+00.00	926.29							
	POT	208+50.00	923.83							
	POT	209+00.00	921.38							
	POT	209+50.00	918.92							
	POT	210+00.00	916.47							
	POT	210+50.00	914.01							
	POT	211+00.00	911.56							
	POT	211+50.00	909.11							
	PVC	211+70.00	908.12							
SYMMETRICAL PARABOLA	PVC	211+70.00	908.12	300.00	-4.9090%	-2.0242%	104	1.08	558	50
	POT	212+00.00	906.69							
	POT	212+50.00	904.50							
	POT	213+00.00	902.55							
	PVI	213+20.00	900.76							
	POT	213+50.00	900.85							
	POT	214+00.00	899.38							
	POT	214+50.00	898.15							
	PVT	214+70.00	897.72							
LINEAR	PVT	214+70.00	897.72	696.50	-2.0242%					50
	POT	215+00.00	897.12							
	POT	215+50.00	896.10							
	POT	216+00.00	895.09							
	POT	216+50.00	894.08							
	POT	217+00.00	893.07							
	POT	217+50.00	892.06							
	POT	218+00.00	891.04							
	POT	218+50.00	890.03							
	POT	219+00.00	889.02							
	POT	219+50.00	888.01							
	POT	220+00.00	887.00							
	POT	220+50.00	885.98							
	POT	221+00.00	884.97							
	POT	221+50.00	883.96							
	PVC	221+66.50	883.62							
SYMMETRICAL PARABOLA	PVC	221+66.50	883.62	225.00	-2.0242%	4.7360%	33	1.90	187	50
	POC	222+00.00	883.12							
	VLOW	222+33.87	882.94							
	POC	222+50.00	882.98							
	PVI	222+79.00	881.35							
	POC	223+00.00	883.60							
	POC	223+50.00	884.97							
	PVT	223+91.50	886.68							

VERTICAL ALIGNMENT TABLE SHEET #4

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: p05b048vat04.i

PLOT DATE: 12/20/2012
DRAWN BY: W.G.P.
CHECKED BY: D.E.G.
SHEET 157 OF 310

FILE NAME = U:\1762\CADD\MSTN\STP 2506\p05b048_Correct Plans.dgn
DATE/TIME = 12/20/2012
USER = MJMS