

FILE NAME: Y:\P\010824\ANY\K2\22425\CA00D\MSTN\10b214_vot_06.dgn
 DATE/TIME: 3/17/2014 4:19:16
 USER: jps

VERTICAL ALIGNMENT TABLE										
ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
STOCKBRIDGE VT. ROUTE 107										
SYMMETRICAL PARABOLA	PVC	180+96.00	686.39	500.00	-1.0961%	-0.2800%	613	0.51	2253	50
	POC	181+00.00	686.35							
	POC	181+50.00	685.82							
	POC	182+00.00	685.34							
	POC	182+50.00	684.89							
	POC	183+00.00	684.49							
	PVI	183+46.00	683.65							
	POC	183+50.00	684.13							
	POC	184+00.00	683.81							
	POC	184+50.00	683.53							
	POC	185+00.00	683.29							
	POC	185+50.00	683.10							
	PVT	185+96.00	682.95							
LINEAR	PVT	185+96.00	682.95	94.00	-0.2800%					50
	POT	186+00.00	682.94							
	POT	186+50.00	682.80							
	PVC	186+90.00	682.69							
SYMMETRICAL PARABOLA	PVC	186+90.00	682.69	200.00	-0.2800%	-1.6900%	142	-0.35	865	50
	POC	187+00.00	682.65							
	POC	187+50.00	682.39							
	PVI	187+90.00	682.41							
	POC	188+00.00	681.95							
	POC	188+50.00	691.34							
LINEAR	PVT	188+90.00	680.72	90.00	-1.6900%					50
	POT	189+00.00	680.55							
	POT	189+50.00	679.70							
	PVC	189+80.00	679.19							
SYMMETRICAL PARABOLA	PVC	189+80.00	679.19	100.00	-1.6900%	-0.3005%	72	0.17	337	50
	POC	190+00.00	678.88							
	PVI	190+30.00	678.35							
	POC	190+50.00	678.35							
LINEAR	PVT	190+80.00	678.20	240.00	-0.3005%					50
	POT	191+00.00	678.14							
	POT	191+50.00	677.99							
	POT	192+00.00	677.84							
	POT	192+50.00	677.69							
	POT	193+00.00	677.54							
	PVC	193+20.00	677.48							
	PVC	193+20.00	677.48							
SYMMETRICAL PARABOLA	POC	193+50.00	677.42	300.00	-0.3005%	1.9172%	135	0.83	1139	50
	VLOW	193+60.65	677.42							
	POC	194+00.00	677.47							
	POC	194+50.00	677.71							
	PVI	194+70.00	677.03							
	POC	195+00.00	678.14							
	POC	195+50.00	678.74							
	POC	196+00.00	679.53							
	PVT	196+20.00	679.90							
	PVT	196+20.00	679.90							
	POT	196+50.00	680.48							
LINEAR	PVC	196+95.00	681.34	75.00	1.9172%					50
	PVC	196+95.00	681.34							
SYMMETRICAL PARABOLA	POC	197+00.00	681.44	100.00	1.9172%	0.1951%	58	-0.22	677	50
	PVI	197+45.00	682.30							
	POC	197+50.00	682.14							
	PVT	197+95.00	682.40							

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STOCKBRIDGE VT. ROUTE 107											
LINEAR	PVT	197+95.00	682.40	105.00	0.1951%					50	
	POT	198+00.00	682.41								
	POT	198+50.00	682.50								
	PVC	199+00.00	682.60								
SYMMETRICAL PARABOLA	PVC	199+00.00	682.60	100.00	0.1951%	-0.8667%	94	-0.13	1066	50	
	VHIGH	199+18.38	682.62								
	PVI	199+50.00	682.70								
	POC	199+50.00	682.57								
LINEAR	PVT	200+00.00	682.27	200.00	-0.8667%					50	
	POT	200+50.00	681.83								
	POT	201+00.00	681.40								
	POT	201+50.00	680.97								
	PVC	202+00.00	680.53								
	PVC	202+00.00	680.53								
SYMMETRICAL PARABOLA	VLOW	202+47.45	680.33	400.00	-0.8667%	6.4400%	55	3.65	272	50	
	POC	202+50.00	680.33								
	POC	203+00.00	680.58								
	POC	203+50.00	681.29								
	POC	204+00.00	682.45								
	PVI	204+00.00	678.80								
	POC	204+50.00	684.07								
	POC	205+00.00	686.15								
	POC	205+50.00	688.69								
	PVCC	206+00.00	691.68								
SYMMETRICAL PARABOLA	PVCC	206+00.00	691.68	100.00	6.4400%	7.9485%	66	0.19	316	50	
	POC	206+50.00	695.09								
	PVI	206+50.00	694.90								
	PVT	207+00.00	698.87								
LINEAR	PVT	207+00.00	698.87	637.00	7.9485%					50	
	POT	207+50.00	702.85								
	POT	208+00.00	706.82								
	POT	208+50.00	710.80								
	POT	209+00.00	714.77								
	POT	209+50.00	718.75								
	POT	210+00.00	722.72								
	POT	210+50.00	726.69								
	POT	211+00.00	730.67								
	POT	211+50.00	734.64								
	POT	212+00.00	738.62								
	POT	212+50.00	742.59								
	POT	213+00.00	746.57								
PVC	213+37.00	749.51									

VERTICAL ALIGNMENT TABLE SHEET #6	PROJECT NAME: STOCKBRIDGE-BETHEL	
	PROJECT NUMBER: STP 2910(1)	
	FILE NAME: z10b214_vot_06.dgn	PLOT DATE: 3/17/2014
	PROJECT LEADER: D.E.G.	DRAWN BY: W.G.P.
	DESIGNED BY: L.M.B.	CHECKED BY: J.P.S.
	IPARM FILE: z10b214vat6.1	SHEET 201 OF 397