

FILE NAME = Y:\P\c\p\sect\ANY\K2\22426\CA00D\MSTN\10b214\_vot\_05.dgn  
 DATE/TIME = 3/17/2014  
 USER = 4916

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	151+60.00	749.67	120.00	-1.4200%	-0.5500%	138	0.13	578	50
	POC	152+00.00	749.16							
	PVI	152+20.00	748.82							
	POC	152+50.00	748.69							
	PVT	152+80.00	748.49							
LINEAR	PVT	152+80.00	748.49	275.00	-0.5500%					50
	POT	153+00.00	748.38							
	POT	153+50.00	748.10							
	POT	154+00.00	747.83							
	POT	154+50.00	747.55							
	POT	155+00.00	747.28							
	POT	155+50.00	747.00							
	PVC	155+55.00	746.98							
SYMMETRICAL PARABOLA	PVC	155+55.00	746.98	250.00	-0.5500%	-1.2359%	364	-0.21	1698	50
	POC	156+00.00	746.70							
	POC	156+50.00	746.33							
	PVI	156+80.00	746.29							
	POC	157+00.00	745.89							
	POC	157+50.00	745.38							
	POC	158+00.00	744.80							
	PVT	158+05.00	744.74							
LINEAR	PVT	158+05.00	744.74	130.00	-1.2359%					50
	POT	158+50.00	744.19							
	POT	159+00.00	743.57							
SYMMETRICAL PARABOLA	PVC	159+35.00	743.14	100.00	-1.2359%	-0.8319%	248	0.05	969	50
	POC	159+50.00	742.96							
	PVI	159+85.00	742.52							
	POC	160+00.00	742.42							
LINEAR	PVT	160+35.00	742.10	280.72	-0.8319%					50
	POT	160+50.00	741.98							
	POT	161+00.00	741.56							
	POT	161+50.00	741.15							
	POT	162+00.00	740.73							
	POT	162+50.00	740.31							
	POT	163+00.00	739.90							
	PVC	163+15.72	739.77							
SYMMETRICAL PARABOLA	PVC	163+15.72	739.77	200.00	-0.8319%	-1.8636%	194	-0.26	1146	50
	POC	163+50.00	739.45							
	POC	164+00.00	738.88							
	PVI	164+15.72	738.93							
	POC	164+50.00	738.18							
	POC	165+00.00	737.36							
	PVT	165+15.72	737.07							
LINEAR	PVT	165+15.72	737.07	117.90	-1.8636%					50
	POT	165+50.00	736.43							
	POT	166+00.00	735.50							
	PVI	166+33.62	734.87							
LINEAR	PVI	166+33.62	734.87	16.40	-3.0000%					50
	POT	166+50.00	736.38							
	PVC	166+50.02	734.38							

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ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED	
STOCKBRIDGE VT. ROUTE 107											
SYMMETRICAL PARABOLA	PVC	166+50.02	734.38	459.32	-3.0000%	-4.2500%	367	-0.72	1093	50	
	POC	167+00.00	732.85								
	POC	167+50.00	731.25								
	POC	168+00.00	729.58								
	POC	168+50.00	727.84								
	PVI	168+79.68	727.49								
	POC	169+00.00	726.03								
	POC	169+50.00	724.16								
	POC	170+00.00	722.22								
	POC	170+50.00	720.21								
	POC	171+00.00	718.13								
	PVT	171+09.34	717.73								
	LINEAR	PVT	171+09.34								717.73
POT		171+50.00	716.00								
POT		172+00.00	713.88								
POT		172+50.00	711.75								
POT		173+00.00	709.63								
POT		173+50.00	707.50								
POT		174+00.00	705.38								
POT		174+50.00	703.25								
POT		175+00.00	701.13								
POT		175+50.00	699.00								
SYMMETRICAL PARABOLA	PVC	175+68.65	698.21	229.66	-4.2500%	-2.0007%	102	0.65	918	50	
	POC	176+00.00	696.93								
	POC	176+50.00	695.08								
	PVI	176+83.48	693.33								
	POC	177+00.00	693.47								
LINEAR	POC	177+50.00	692.11	127.69	-2.0007%					50	
	PVT	177+98.31	691.03								
	POT	178+00.00	691.00								
	POT	178+50.00	690.00								
	POT	179+00.00	689.00								
	PVC	179+26.00	688.48								
SYMMETRICAL PARABOLA	PVC	179+26.00	688.48	50.00	-2.0007%	-1.0961%	55	0.06	274	50	
	POC	179+50.00	688.05								
	PVI	179+51.00	687.98								
	PVT	179+76.00	687.70								
LINEAR	PVT	179+76.00	687.70	120.00	-1.0961%					50	
	POT	180+00.00	687.44								
	POT	180+50.00	686.89								
	PVC	180+96.00	686.39								

<b>VERTICAL ALIGNMENT TABLE SHEET #5</b>	PROJECT NAME: STOCKBRIDGE-BETHEL
	PROJECT NUMBER: STP 2910(1)
	FILE NAME: z10b214_vot_05.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: z10b214vot5.1	SHEET 200 OF 397