

FILE NAME : V:\P\c\user\cadd\mstn\10b214_vot_04.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																		
LINEAR	PVT	111+10.00	706.67	115.00	-0.0400%					50								
	POT	111+50.00	706.65															
	POT	112+00.00	706.63															
	PVC	112+25.00	706.62															
SYMMETRICAL PARABOLA	PVC	112+25.00	706.62	500.00	-0.0400%	0.1600%	2500	0.13	8863	50								
	POC	112+50.00	706.62															
	POC	113+00.00	706.61															
	VLOW	113+25.00	706.60															
	POC	113+50.00	706.61															
	POC	114+00.00	706.62															
	POC	114+50.00	706.64															
	PVI	114+75.00	706.52															
	POC	115+00.00	706.67															
	POC	115+50.00	706.71															
	POC	116+00.00	706.76															
	POC	116+50.00	706.82															
	POC	117+00.00	706.89															
	PVT	117+25.00	706.92															
LINEAR	PVT	117+25.00	706.92	1123.00	0.1600%					50								
	POT	117+50.00	706.96															
	POT	118+00.00	707.04															
	POT	118+50.00	707.12															
	POT	119+00.00	707.20															
	POT	119+50.00	707.28															
	POT	120+00.00	707.36															
	POT	120+50.00	707.44															
	POT	121+00.00	707.52															
	POT	121+50.00	707.60															
	POT	122+00.00	707.68															
	POT	122+50.00	707.76															
	POT	123+00.00	707.84															
	POT	123+50.00	707.92															
	POT	124+00.00	708.00															
	POT	124+50.00	708.08															
	POT	125+00.00	708.16															
	POT	125+50.00	708.24															
	SYMMETRICAL PARABOLA	POT	126+00.00								708.32	400.00	0.1600%	7.1800%	57	3.51	281	50
		POT	126+50.00								708.40							
POT		127+00.00	708.48															
POT		127+50.00	708.56															
POT		128+00.00	708.64															
PVC		128+48.00	708.72															
PVC		128+48.00	708.72															
POC		128+50.00	708.73															
POC		129+00.00	709.04															
POC		129+50.00	709.80															
POC		130+00.00	710.99															
PVI		130+48.00	709.04															
POC		130+50.00	712.63															
POC		131+00.00	714.70															
LINEAR	POC	131+50.00	717.21	169.00	7.1800%					50								
	POC	132+00.00	720.16															
	PVT	132+48.00	723.40															
	PVT	132+48.00	723.40															
	POT	132+50.00	723.55															
	POT	133+00.00	727.14															
LINEAR	POT	133+50.00	730.73							50								
	POT	134+00.00	734.32															
	PVC	134+17.00	735.54															

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	134+17.00	735.54	450.00	7.1800%	0.1200%	64	-3.97	371	50								
	POC	134+50.00	737.82															
	POC	135+00.00	740.95															
	POC	135+50.00	743.70															
	POC	136+00.00	746.05															
	PVI	136+42.00	751.69															
	POC	136+50.00	748.01															
	POC	137+00.00	749.57															
	POC	137+50.00	750.75															
	POC	138+00.00	751.53															
	POC	138+50.00	751.92															
	PVT	138+67.00	751.96															
	LINEAR	PVT	138+67.00								751.96	593.00	0.1200%					50
		POT	139+00.00								752.00							
POT		139+50.00	752.06															
POT		140+00.00	752.12															
POT		140+50.00	752.18															
POT		141+00.00	752.24															
POT		141+50.00	752.30															
POT		142+00.00	752.36															
POT		142+50.00	752.42															
POT		143+00.00	752.48															
POT		143+50.00	752.54															
POT		144+00.00	752.60															
POT		144+50.00	752.66															
SYMMETRICAL PARABOLA		PVC	144+60.00	752.67	100.00	0.1200%	0.4100%	345	0.04	1312	50							
	POC	145+00.00	752.74															
	PVI	145+10.00	752.73															
	POC	145+50.00	752.90															
	PVT	145+60.00	752.94															
	PVT	145+60.00	752.94															
LINEAR	POT	146+00.00	753.10	187.00	0.4100%					50								
	POT	146+50.00	753.31															
	POT	147+00.00	753.51															
	PVC	147+47.00	753.70															
SYMMETRICAL PARABOLA	PVC	147+47.00	753.70	200.00	0.4100%	-1.4200%	109	-0.46	690	50								
	POC	147+50.00	753.72															
	VHIGH	147+91.81	753.80															
	POC	148+00.00	753.79															
	PVI	148+47.00	754.11															
	POC	148+50.00	753.64															
	POC	149+00.00	753.26															
LINEAR	PVT	149+47.00	752.69	213.00	-1.4200%					50								
	POT	149+50.00	752.65															
	POT	150+00.00	751.94															
	POT	150+50.00	751.23															
	POT	151+00.00	750.52															
	POT	151+50.00	749.81															
	PVC	151+60.00	749.67															

VERTICAL ALIGNMENT TABLE SHEET #4	PROJECT NAME: STOCKBRIDGE-BETHEL
	PROJECT NUMBER: STP 2910(1)
	FILE NAME: z10b214_vot_04.dgn
	PLOT DATE: 3/17/2014
DESIGNED BY: L.M.B.	DRAWN BY: W.G.P.
IPARM FILE: z10b214vat4.1	CHECKED BY: J.P.S.
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