

FILE NAME: Y:\P\c\usac\ANY\K2\22426\CA001\MSTN\10b214_vat_02.dgn
 DATE/TIME: 3/17/2014 4:51:16
 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										
LINEAR	PVT	36+75.00	797.42	375.00	-0.7500%					50
	POT	37+00.00	797.23							
	POT	37+50.00	796.86							
	POT	38+00.00	796.48							
	POT	38+50.00	796.11							
	POT	39+00.00	795.73							
	POT	39+50.00	795.36							
	POT	40+00.00	794.98							
	PVC	40+50.00	794.61							
SYMMETRICAL PARABOLA	PVC	41+00.00	794.21	400.00	-0.7500%	-1.2800%	755	-0.27	2236	50
	POC	41+50.00	793.79							
	POC	42+00.00	793.33							
	POC	42+50.00	792.84							
	PVI	42+50.00	793.11							
	POC	43+00.00	792.32							
	POC	43+50.00	791.76							
	POC	44+00.00	791.17							
	PVT	44+50.00	790.55							
	PVT	44+50.00	790.55							
	POT	45+00.00	789.91							
LINEAR	POT	45+50.00	789.27	260.00	-1.2800%					50
	POT	46+00.00	788.63							
	POT	46+50.00	787.99							
	POT	47+00.00	787.35							
	PVC	47+10.00	787.22							
	PVC	47+10.00	787.22							
SYMMETRICAL PARABOLA	POC	47+50.00	786.68	300.00	-1.2800%	-2.3900%	270	-0.42	1122	50
	POC	48+00.00	785.92							
	POC	48+50.00	785.06							
	PVI	48+60.00	785.30							
	POC	49+00.00	784.12							
	POC	49+50.00	783.08							
	POC	50+00.00	781.95							
	PVT	50+10.00	781.71							
PVT	50+10.00	781.71								
LINEAR	POT	50+50.00	780.76	240.00	-2.3900%					50
	POT	51+00.00	779.56							
	POT	51+50.00	778.37							
	POT	52+00.00	777.17							
	PVC	52+50.00	775.98							
	PVC	52+50.00	775.98							
	POC	53+00.00	774.67							
SYMMETRICAL PARABOLA	POC	53+50.00	773.12	400.00	-2.3900%	-6.1100%	108	-1.86	490	50
	POC	54+00.00	771.35							
	POC	54+50.00	769.34							
	PVI	54+50.00	771.20							
	POC	55+00.00	767.10							
	POC	55+50.00	764.62							
	POC	56+00.00	761.92							
	PVT	56+50.00	758.98							
	PVT	56+50.00	758.98							
	POT	57+00.00	755.92							
	POT	57+50.00	752.87							
	POT	58+00.00	749.81							
	POT	58+50.00	746.76							
POT	59+00.00	743.70								
PVC	59+16.00	742.72								

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	59+16.00	742.72	750.00	-6.1100%	-0.4000%	131	5.35	554	50	
	POC	59+50.00	740.69								
	POC	60+00.00	737.86								
	POC	60+50.00	735.22								
	POC	61+00.00	732.77								
	POC	61+50.00	730.51								
	POC	62+00.00	728.44								
	POC	62+50.00	726.56								
	PVI	62+91.00	719.81								
	POC	63+00.00	724.87								
	POC	63+50.00	723.38								
	POC	64+00.00	722.07								
	POC	64+50.00	720.95								
	POC	65+00.00	720.02								
	POC	65+50.00	719.29								
	POC	66+00.00	718.74								
POC	66+50.00	718.39									
LINEAR	PVT	66+66.00	718.31	144.00	-0.4000%					50	
	POT	67+00.00	718.18								
	POT	67+50.00	717.98								
	POT	68+00.00	717.78								
SYMMETRICAL PARABOLA	PVC	68+10.00	717.74	350.00	-0.4000%	-1.2600%	407	-0.38	1430	50	
	POC	68+50.00	717.56								
	POC	69+00.00	717.28								
	POC	69+50.00	716.93								
	PVI	69+85.00	717.04								
	POC	70+00.00	716.53								
	POC	70+50.00	716.07								
	POC	71+00.00	715.54								
POC	71+50.00	714.96									
LINEAR	PVT	71+60.00	714.83	235.00	-1.2600%					50	
	POT	72+00.00	714.33								
	POT	72+50.00	713.70								
	POT	73+00.00	713.07								
	POT	73+50.00	712.44								
SYMMETRICAL PARABOLA	PVC	73+95.00	711.87	250.00	-1.2600%	-0.1707%	230	0.34	905	50	
	POC	74+00.00	711.81								
	POC	74+50.00	711.24								
	POC	75+00.00	710.79								
	PVI	75+20.00	710.29								
	POC	75+50.00	710.44								
	POC	76+00.00	710.20								
	PVCC	76+45.00	710.08								

VERTICAL ALIGNMENT TABLE SHEET #2	PROJECT NAME: STOCKBRIDGE-BETHEL
	PROJECT NUMBER: STP 2910(1)
	FILE NAME: z10b214_vat_02.dgn
	IPARM FILE: z10b214vat2.1
	PLOT DATE: 3/17/2014
	DRAWN BY: W.G.P.
	CHECKED BY: J.P.S.
	SHEET 197 OF 397