VERTICAL ALIGNMENT TABLE

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
BETHEL VT. ROUTE 107										
LINEAR	PVT	B 5+00.00	583.56	100.00	-1.0489%					50
	POT	B 5+50.00	583.04							
	PVC	B 6+00.00	582.51							
SYMMETRICAL PARABOLA	PVC	B 6+00.00	582.51	100.00	-1.0489%	-1.0677%	5298	0	57444	50
	POC	B 6+50.00	581.99							
	PVI	B 6+50.00	581.99							
	PVT	B 7+00.00	581.45							
LINEAR	PVT	B 7+00.00	581.45	350.00	-1.0677%					50
	POT	B 7+50.00	580.92							
	POT	B 8+00.00	580.39							
	POT	B 8+50.00	579.85							
	POT	B 9+00.00	579.32							
	POT	B 9+50.00	578.78							
	POT	B 10+00.00	578.25							
	PVC	B 10+50.00	577.72							
SYMMETRICAL PARABOLA	PVC	B 10+50.00	577.72	150.00	-1.0677%	0.1005%	128	0.22	544	50
	POT	B 11+00.00	577.28							
	PVI	B 11+25.00	576.92							
	POT	B 11+50.00	577.04							
	VLOW	B 11+87.09	576.99							
	PVT	B 12+00.00	576.99							
LINEAR	PVT	B 12+00.00	576.99	60.00	0.1005%					50
	POT	B 12+50.00	577.04							
	PVC	B 12+60.00	577.05							
SYMMETRICAL PARABOLA	PVC	B 12+60.00	577.05	100.00	0.1005%	-0.9500%	95	-0.13	1077	50
	VHIGH	B 12+69.57	577.06							
	POC	B 13+00.00	577.01							
	PVI	B 13+10.00	577.10							
	POC	B 13+50.00	576.72							
	PVT	B 13+60.00	576.63							
LINEAR	PVT	B 13+60.00	576.63	65.00	-0.9500%					50
	POT	B 14+00.00	576.25							
	PVC	B 14+25.00	576.01							
SYMMETRICAL PARABOLA	PVC	B 14+25.00	576.01	100.00	-0.9500%	0.1600%	90	0.14	404	50
	POC	B 14+50.00	575.81							
	PVI	B 14+75.00	575.53							
	POC	B 15+00.00	575.61							
	VLOW	B 15+10.59	575.60							
	PVRC	B 15+25.00	575.61							
SYMMETRICAL PARABOLA	PVRC	B 15+25.00	575.61	100.00	0.1600%	-0.8500%	99	-0.13	1118	50
	VHIGH	B 15+40.84	575.63							
	POC	B 15+50.00	575.62							
	PVI	B 15+75.00	575.69							
	POC	B 16+00.00	575.45							
	PVT	B 16+25.00	575.27							
LINEAR	PVT	B 16+25.00	575.27	85.00	-0.8500%					50
	POT	B 16+50.00	575.06							
	POT	B 17+00.00	574.63							
	PVC	B 17+10.00	574.55							
SYMMETRICAL PARABOLA	PVC	B 17+10.00	574.55	150.00	-0.8500%	2.6219%	43	0.65	267	50
	VLOW	B 17+46.72	574.39							
	POC	B 17+50.00	574.39							
	PVI	B 17+85.00	573.91							
	POC	B 18+00.00	574.72							
	POC	B 18+50.00	575.63							
	PVT	B 18+60.00	575.88							
LINEAR	PVT	B 18+60.00	575.88	55.00	2.6219%					50
	POT	B 19+00.00	576.92							
	PVC	B 19+15.00	577.32							

VERTICAL ALIGNMENT TABLE

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
BETHEL VT. ROUTE 107										
SYMMETRICAL PARABOLA	PVC	B 19+15.00	577.32	290.00	2.6219%	-1.7237%	67	-1.58	393	50
	POC	B 19+50.00	578.14							
	POC	B 20+00.00	579.01							
	POC	B 20+50.00	579.49							
	PVI	B 20+60.00	581.12							
	VHIGH	B 20+89.97	579.61							
	POC	B 21+00.00	579.60							
	POC	B 21+50.00	579.34							
	POC	B 22+00.00	578.71							
	PVRC	B 22+05.00	578.62							
SYMMETRICAL PARABOLA	PVRC	B 22+05.00	578.62	190.00	-1.7237%	0.0037%	110	0.41	477	50
	POC	B 22+50.00	577.94							
	POC	B 23+00.00	577.39							
	PVI	B 23+00.00	576.98							
	POC	B 23+50.00	577.08							
	VLOW	B 23+94.59	576.99							
	PVT	B 23+95.00	576.99							
LINEAR	PVT	B 23+95.00	576.99	175.00	0.0037%					50
	POT	B 24+00.00	576.99							
	POT	B 24+50.00	576.99							
	POT	B 25+00.00	576.99							
	POT	B 25+50.00	576.99							
	PVC	B 25+70.00	576.99							
SYMMETRICAL PARABOLA	PVC	B 25+70.00	576.99	360.00	0.0037%	1.7445%	207	0.78	824	50
	POC	B 26+00.00	577.02							
	POC	B 26+50.00	577.15							
	POC	B 27+00.00	577.41							
	POC	B 27+50.00	577.78							
	PVI	B 27+50.00	577.00							
	POC	B 28+00.00	578.28							
	POC	B 28+50.00	578.90							
	POC	B 29+00.00	579.64							
	PVCC	B 29+30.00	580.14							
SYMMETRICAL PARABOLA	PVCC	B 29+30.00	580.14	250.00	1.7445%	3.7800%	123	0.64	1592	50
	POC	B 29+50.00	580.51							
	POC	B 30+00.00	581.56							
	POC	B 30+50.00	582.82							
	PVI	B 30+55.00	582.32							
	POC	B 31+00.00	584.28							
	POC	B 31+50.00	585.95							
	PVT	B 31+80.00	587.05							
LINEAR	PVT	B 31+80.00	587.05	141.00	3.7800%					50
	POT	B 32+00.00	587.80							
	POT	B 32+50.00	589.69							
	POT	B 33+00.00	591.58							
	PVC	B 33+21.00	592.38							

FILE NAME = V:\Projects\ANY\K2\22426\CADD_MSTN\z10b214_vat_11.dgn
DATE/TIME = 3/17/2014
USER = 4916

VERTICAL ALIGNMENT TABLE SHEET #11

PROJECT NAME: STOCKBRIDGE-BETHEL

PROJECT NUMBER: STP 2910(1)

FILE NAME: z10b214_vat_11.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: L.M.B.
IPARM FILE: z10b214vat11.i

PLOT DATE: 3/17/2014
DRAWN BY: W.G.P.
CHECKED BY: J.P.S.
SHEET 206 OF 397