VERTICAL ALIGNMENT TABLE

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
BETHEL VT. ROUTE 107										
	PVCC	B 65+10.00	614.04							
	POC	B 65+50.00	613.86							
	POC	B 66+00.00	613.61							
	POC	B 66+50.00	613.33							
	POC	B 67+00.00	613.02							
SYMMETRICAL PARABOLA	PVI	B 67+10.00	613.20	400.00	-0.4200%	-0.9200%	800	-0.25	2358	50
	POC	B 67+50.00	612.67							
	POC	B 68+00.00	612.30							
	POC	B 68+50.00	611.89							
	POC	B 69+00.00	611.45							
	PVT	B 69+10.00	611.36							
	PVT	B 69+10.00	611.36							
LINEAR	POT	B 69+50.00	610.99	140.00	-0.9200%					50
	POT	B 70+00.00	610.53							
	PVC	B 70+50.00	610.07							
	PVC	B 70+50.00	610.07							
	POC	B 71+00.00	609.58							
	POC	B 71+50.00	609.00							
	POC	B 72+00.00	608.34							
	POC	B 72+50.00	607.61							
	POC	B 73+00.00	606.80							
	POC	B 73+50.00	605.92							
SYMMETRICAL PARABOLA	PVI	B 73+80.00	607.04	660.00	-0.9200%	-2.9699%	322	-1.69	856	50
	POC	B 74+00.00	604.95							
	POC	B 74+50.00	603.91							
	POC	B 75+00.00	602.79							
	POC	B 75+50.00	601.59							
	POC	B 76+00.00	600.32							
	POC	B 76+50.00	598.96							
	POC	B 77+00.00	597.53							
	PVT	B 77+10.00	597.24							
	PVT	B 77+10.00	597.24							
	POT	B 77+50.00	596.05							
	POT	B 78+00.00	594.56							
LINEAR	POT	B 78+50.00	593.08	290.00	-2.9699%					50
	POT	B 79+00.00	591.59							
	POT	B 79+50.00	590.11							
	PVC	B 80+00.00	588.62							
	PVC	B 80+00.00	588.62							
	POC	B 80+50.00	587.22							
	POC	B 81+00.00	585.96							
	POC	B 81+50.00	584.85							
	POC	B 82+00.00	583.89							
	POC	B 82+50.00	583.09							
SYMMETRICAL PARABOLA	PVI	B 82+50.00	581.20	500.00	-2.9699%	0.0494%	166	1.89	752	50
	POC	B 83+00.00	582.43							
	POC	B 83+50.00	581.93							
	POC	B 84+00.00	581.58							
	POC	B 84+50.00	581.37							
	VLOW	B 84+91.82	581.32							
	PVT	B 85+00.00	581.32							
	PVT	B 85+00.00	581.32							
LINEAR	POT	B 85+50.00	581.35	105.00	0.0494%					50
	POT	B 86+00.00	581.37							
	PVC	B 86+05.00	581.38							
	PVC	B 86+05.00	581.38							
	POC	B 86+50.00	581.44							
SYMMETRICAL PARABOLA	PVI	B 86+55.00	581.40	100.00	0.0494%	0.4615%	243	0.05	951	50
	POC	B 87+00.00	581.61							
	PVT	B 87+05.00	581.63							

VERTICAL ALIGNMENT TABLE

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
BETHEL VT. ROUTE 107										
	PVT	B 87+05.00	581.63							
	POT	B 87+50.00	581.84							
	POT	B 88+00.00	582.07							
	POT	B 88+50.00	582.30							
LINEAR	POT	B 89+00.00	582.53	355.00	0.4615%					50
	POT	B 89+50.00	582.76							
	POT	B 90+00.00	582.99							
	POT	B 90+50.00	583.22							
	PVC	B 90+60.00	583.27							
	PVC	B 90+60.00	583.27							
	POC	B 91+00.00	583.44							
SYMMETRICAL PARABOLA	PVI	B 91+10.00	583.50	100.00	0.4615%	0.3013%	624	-0.02	6785	50
	POC	B 91+50.00	583.62							
	PVCC	B 91+60.00	583.65							
	PVCC	B 91+60.00	583.65							
	POC	B 92+00.00	583.74							
	VHIGH	B 92+45.24	583.78							
	POC	B 92+50.00	583.78							
	POC	B 93+00.00	583.73							
	POC	B 93+50.00	583.59							
	POC	B 94+00.00	583.36							
SYMMETRICAL PARABOLA	PVI	B 94+10.00	584.40	500.00	0.3013%	-1.4663%	283	-1.1	860	50
	POC	B 94+50.00	583.04							
	POC	B 95+00.00	582.63							
	POC	B 95+50.00	582.14							
	POC	B 96+00.00	581.55							
	POC	B 96+50.00	580.88							
	PVT	B 96+60.00	580.74							

VERTICAL ALIGNMENT TABLE SHEET #13

PROJECT NAME: STOCKBRIDGE-BETHEL

PROJECT NUMBER: STP 2910(11)

FILE NAME: z10b214_vat_13.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: L.M.B.
IPARM FILE: z10b214vat13.i

PLOT DATE: 3/17/2014
DRAWN BY: W.G.P.
CHECKED BY: J.P.S.
SHEET 208 OF 397

FILE NAME = V:\Projects\VAVVK2\22426\CADD_MSTN\z10b214_vat_13.dgn
DATE/TIME = 3/17/2014
USER = 4916