

FILE NAME : V:\P\c\us\ca\ANY\K2\22426\CA001\MSTN\10b214_vat.l2.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
BETHEL VT. ROUTE 107										
SYMMETRICAL PARABOLA	PVC	B 33+21.00	592.38	300.00	3.7800%	0.7500%	99	-1.14	506	50
	POC	B 33+50.00	593.43							
	POC	B 34+00.00	595.05							
	POC	B 34+50.00	596.41							
	PVI	B 34+71.00	598.05							
	POC	B 35+00.00	597.52							
	POC	B 35+50.00	598.38							
	POC	B 36+00.00	598.99							
LINEAR	PVT	B 36+21.00	599.17	204.00	0.7500%					50
	POT	B 36+50.00	599.39							
	POT	B 37+00.00	599.76							
	POT	B 37+50.00	600.14							
	POT	B 38+00.00	600.51							
SYMMETRICAL PARABOLA	PVC	B 38+25.00	600.70	230.00	0.7500%	-1.6800%	95	-0.7	559	50
	POC	B 38+50.00	600.86							
	VHIGH	B 38+95.99	600.97							
	POC	B 39+00.00	600.97							
	PVI	B 39+40.00	601.56							
	POC	B 39+50.00	600.81							
	POC	B 40+00.00	600.40							
	POC	B 40+50.00	599.71							
	PVT	B 40+55.00	599.63							
	PVT	B 40+55.00	599.63							
LINEAR	POT	B 41+00.00	598.88	87.00	-1.6800%					50
	PVC	B 41+42.00	598.17							
	PVC	B 41+42.00	598.17							
SYMMETRICAL PARABOLA	POC	B 41+50.00	598.04	100.00	-1.6800%	-0.3233%	74	0.17	344	50
	PVI	B 41+92.00	597.33							
	POC	B 42+00.00	597.42							
	PVT	B 42+42.00	597.17							
	PVT	B 42+42.00	597.17							
LINEAR	POT	B 42+50.00	597.14	323.00	-0.3233%					50
	POT	B 43+00.00	596.98							
	POT	B 43+50.00	596.82							
	POT	B 44+00.00	596.66							
	POT	B 44+50.00	596.50							
	POT	B 45+00.00	596.33							
	POT	B 45+50.00	596.17							
	PVC	B 45+65.00	596.12							
	PVC	B 45+65.00	596.12							
	PVC	B 46+00.00	596.07							
SYMMETRICAL PARABOLA	VLOW	B 46+00.96	596.07	200.00	-0.3233%	1.4750%	111	0.45	7864	50
	POC	B 46+50.00	596.17							
	PVI	B 46+65.00	595.80							
	POC	B 47+00.00	596.51							
	POC	B 47+50.00	597.06							
	PVCC	B 47+65.00	597.28							
	PVCC	B 47+65.00	597.28							
	POC	B 48+00.00	597.87							
POC	B 48+50.00	598.98								
SYMMETRICAL PARABOLA	PVI	B 48+65.00	598.75	200.00	1.4750%	3.9602%	80	0.62	610	50
	POC	B 49+00.00	600.40							
	POC	B 49+50.00	602.13							
	PVT	B 49+65.00	602.71							
	PVT	B 49+65.00	602.71							
LINEAR	POT	B 50+00.00	604.10	83.00	3.9602%					50
	PVC	B 50+48.00	606.00							
	PVC	B 50+48.00	606.00							

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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 50+48.00	606.00	120.00	3.9602%	0.7600%	38	-0.48	397	50	
	POC	B 50+50.00	606.08								
	POC	B 51+00.00	607.70								
	PVI	B 51+08.00	608.37								
	POC	B 51+50.00	608.65								
	PVT	B 51+68.00	608.83								
	PVT	B 51+68.00	608.83								
LINEAR	POT	B 52+00.00	609.07	117.00	0.7600%					50	
	POT	B 52+50.00	609.45								
	PVC	B 52+85.00	609.72								
SYMMETRICAL PARABOLA	PVC	B 52+85.00	609.72	300.00	0.7600%	0.4700%	1034	-0.11	3871	50	
	POC	B 53+00.00	609.83								
	POC	B 53+50.00	610.19								
	POC	B 54+00.00	610.53								
	PVI	B 54+35.00	610.86								
	POC	B 54+50.00	610.84								
	POC	B 55+00.00	611.13								
	POC	B 55+50.00	611.39								
	PVT	B 55+85.00	611.56								
	PVT	B 55+85.00	611.56								
LINEAR	POT	B 56+00.00	611.63	505.00	0.4700%					50	
	POT	B 56+50.00	611.87								
	POT	B 57+00.00	612.10								
	POT	B 57+50.00	612.34								
	POT	B 58+00.00	612.57								
	POT	B 58+50.00	612.81								
	POT	B 59+00.00	613.04								
	POT	B 59+50.00	613.28								
	POT	B 60+00.00	613.51								
	POT	B 60+50.00	613.75								
	PVC	B 60+90.00	613.94								
	PVC	B 60+90.00	613.94								
	POC	B 61+00.00	613.98								
	POC	B 61+50.00	614.18								
	POC	B 62+00.00	614.33								
POC	B 62+50.00	614.42									
POC	B 63+00.00	614.46									
SYMMETRICAL PARABOLA	PVI	B 63+00.00	614.92	420.00	0.4700%	-0.4200%	472	-0.47	1423	50	
	VHIGH	B 63+11.80	614.46								
	POC	B 63+50.00	614.44								
	POC	B 64+00.00	614.38								
	POC	B 64+50.00	614.26								
	POC	B 65+00.00	614.08								
	PVCC	B 65+10.00	614.04								
	PVCC	B 65+10.00	614.04								

VERTICAL ALIGNMENT TABLE SHEET #12	PROJECT NAME: STOCKBRIDGE-BETHEL	
	PROJECT NUMBER: STP 2910(1)	
	FILE NAME: z10b214_vat.l2.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: z10b214vat2.1	SHEET 207 OF 397	