| 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 | POB | 0+00.00 | 755.52 | 125.00 | -1.3249% | -2.4673% | 109 | -0.18 | 1007 | 50 |
| | PVC | 0+00.00 | 755.52 | | | | | | | |
| | POC | 0+50.00 | 754.74 | | | | | | | |
| | PVI | 0+62.50 | 754.69 | | | | | | | |
| | POC | 1+00.00 | 753.74 | | | | | | | |
| | PVRC | 1+25.00 | 753.15 | | | | | | | |
| SYMMETRICAL PARABOLA | PVRC | 1+25.00 | 753.15 | 320.00 | -2.4673% | -0.4638% | 160 | 0.8 | 2053 | 50 |
| | POC | 1+50.00 | 752.55 | | | | | | | |
| | POC | 2+00.00 | 751.47 | | | | | | | |
| | POC | 2+50.00 | 750.55 | | | | | | | |
| | PVI | 2+85.00 | 749.20 | | | | | | | |
| | POC | 3+00.00 | 749.79 | | | | | | | |
| | POC | 3+50.00 | 749.18 | | | | | | | |
| | POC | 4+00.00 | 748.73 | | | | | | | |
| | PVCC | 4+45.00 | 748.46 | | | | | | | |
| SYMMETRICAL PARABOLA | PVCC | 4+45.00 | 748.46 | 370.00 | -0.4638% | 0.6400% | 335 | 0.51 | 1278 | 50 |
| | POC | 4+50.00 | 748.44 | | | | | | | |
| | POC | 5+00.00 | 748.25 | | | | | | | |
| | POC | 5+50.00 | 748.14 | | | | | | | |
| | POC | 6+00.00 | 748.10 | | | | | | | |
| | VLOW | 6+00.46 | 748.10 | | | | | | | |
| | PVI | 6+30.00 | 747.60 | | | | | | | |
| | POC | 6+50.00 | 748.13 | | | | | | | |
| | POC | 7+00.00 | 748.25 | | | | | | | |
| | POC | 7+50.00 | 748.43 | | | | | | | |
| | POC | 8+00.00 | 748.69 | | | | | | | |
| | PVT | 8+15.00 | 748.78 | | | | | | | |
| LINEAR | PVT | 8+15.00 | 748.78 | 385.00 | 0.6400% | | | | | 50 |
| | POT | 8+50.00 | 749.01 | | | | | | | |
| | POT | 9+00.00 | 749.33 | | | | | | | |
| | POT | 9+50.00 | 749.65 | | | | | | | |
| | POT | 10+00.00 | 749.97 | | | | | | | |
| | POT | 10+50.00 | 750.29 | | | | | | | |
| | POT | 11+00.00 | 750.61 | | | | | | | |
| | POT | 11+50.00 | 750.93 | | | | | | | |
| | PVC | 12+00.00 | 751.25 | | | | | | | |
| SYMMETRICAL PARABOLA | PVC | 12+00.00 | 751.25 | 610.00 | 0.6400% | 6.5567% | 103 | 4.51 | 452 | 50 |
| | POC | 12+50.00 | 751.69 | | | | | | | |
| | POC | 13+00.00 | 752.37 | | | | | | | |
| | POC | 13+50.00 | 753.30 | | | | | | | |
| | POC | 14+00.00 | 754.47 | | | | | | | |
| | POC | 14+50.00 | 755.88 | | | | | | | |
| | POC | 15+00.00 | 757.53 | | | | | | | |
| | PVI | 15+05.00 | 753.20 | | | | | | | |
| | POC | 15+50.00 | 759.43 | | | | | | | |
| | POC | 16+00.00 | 761.57 | | | | | | | |
| | POC | 16+50.00 | 763.95 | | | | | | | |
| | POC | 17+00.00 | 766.57 | | | | | | | |
| | POC | 17+50.00 | 769.44 | | | | | | | |
| | POC | 18+00.00 | 772.55 | | | | | | | |
| | PVCC | 18+10.00 | 773.20 | | | | | | | |

| 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 | PVCC | 18+10.00 | 773.20 | 360.00 | 6.5567% | 7.5000% | 382 | 0.42 | 1442 | 50 |
| | POC | 18+50.00 | 775.84 | | | | | | | |
| | POC | 19+00.00 | 779.21 | | | | | | | |
| | POC | 19+50.00 | 782.63 | | | | | | | |
| | PVI | 19+90.00 | 785.00 | | | | | | | |
| | POC | 20+00.00 | 786.13 | | | | | | | |
| | POC | 20+50.00 | 789.69 | | | | | | | |
| | POC | 21+00.00 | 793.31 | | | | | | | |
| | POC | 21+50.00 | 797.01 | | | | | | | |
| | PVRC | 21+70.00 | 798.50 | | | | | | | |
| SYMMETRICAL PARABOLA | PVRC | 21+70.00 | 798.50 | 800.00 | 7.5000% | -3.4160% | 73 | -10.92 | 398 | 50 |
| | POC | 22+00.00 | 800.69 | | | | | | | |
| | POC | 22+50.00 | 804.06 | | | | | | | |
| | POC | 23+00.00 | 807.10 | | | | | | | |
| | POC | 23+50.00 | 809.79 | | | | | | | |
| | POC | 24+00.00 | 812.14 | | | | | | | |
| | POC | 24+50.00 | 814.15 | | | | | | | |
| | POC | 25+00.00 | 815.82 | | | | | | | |
| | POC | 25+50.00 | 817.15 | | | | | | | |
| | PVI | 25+70.00 | 828.50 | | | | | | | |
| | POC | 26+00.00 | 818.14 | | | | | | | |
| | POC | 26+50.00 | 818.78 | | | | | | | |
| | POC | 27+00.00 | 819.09 | | | | | | | |
| | VHIGH | 27+19.65 | 819.11 | | | | | | | |
| | POC | 27+50.00 | 819.05 | | | | | | | |
| | POC | 28+00.00 | 818.67 | | | | | | | |
| | POC | 28+50.00 | 817.95 | | | | | | | |
| | POC | 29+00.00 | 816.89 | | | | | | | |
| | POC | 29+50.00 | 815.49 | | | | | | | |
| | PVT | 29+70.00 | 814.84 | | | | | | | |
| LINEAR | PVT | 29+70.00 | 814.84 | 205.00 | -3.4160% | | | | | 50 |
| | POT | 30+00.00 | 813.81 | | | | | | | |
| | POT | 30+50.00 | 812.10 | | | | | | | |
| | POT | 31+00.00 | 810.40 | | | | | | | |
| | POT | 31+50.00 | 808.69 | | | | | | | |
| | PVC | 31+75.00 | 807.83 | | | | | | | |
| SYMMETRICAL PARABOLA | PVC | 31+75.00 | 807.83 | 500.00 | -3.4160% | -0.7500% | 188 | 1.67 | 946 | 50 |
| | POC | 32+00.00 | 807.00 | | | | | | | |
| | POC | 32+50.00 | 805.42 | | | | | | | |
| | POC | 33+00.00 | 803.98 | | | | | | | |
| | POC | 33+50.00 | 802.67 | | | | | | | |
| | POC | 34+00.00 | 801.50 | | | | | | | |
| | PVI | 34+25.00 | 799.29 | | | | | | | |
| | POC | 34+50.00 | 800.46 | | | | | | | |
| | POC | 35+00.00 | 799.55 | | | | | | | |
| | POC | 35+50.00 | 798.77 | | | | | | | |
| | POC | 36+00.00 | 798.13 | | | | | | | |
| | POC | 36+50.00 | 797.62 | | | | | | | |
| | PVT | 36+75.00 | 797.42 | | | | | | | |

FILE NAME = V:\Projects\VNY\K2\22426\CADD_MSTN\z10b214_vat_01.dgn
DATE/TIME = 3/17/2014
USER = 4916

**VERTICAL ALIGNMENT TABLE SHEET #1**

PROJECT NAME: STOCKBRIDGE-BETHEL

PROJECT NUMBER: STP 2910(11)

FILE NAME: z10b214_vat_01.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: L.M.B.
IPARM FILE: z10b214vat1.i

PLOT DATE: 3/17/2014
DRAWN BY: W.G.P.
CHECKED BY: J.P.S.
SHEET 196 OF 397