PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	RW14

Location and Surveys

V&M
Vaughn & Melton
1318-F Patton Avenue
Asheville, NC 28806
Firm License # F-1088

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4529 LICENSED LAND SURVEYOR MARK A PARRIS

DocuSigned by:
F1570CB85C7248A...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROPOSED ALIGNMENT CURVE DATA

-Y-

PIs Sta 15+33.63
Θs = 1° 11′ 59.7"
Ls = 160.00′
LT = 106.67′
ST = 53.34′

PI Sta 27+10.76
△ = 32° 47′ 11.6" (RT)
D = 1° 29′ 59.6"
L = 2,185.93′
T = 1,123.80′
R = 3,820.00′

PIs Sta 38+26.22
Θs = 1° 11′ 59.7"
Ls = 160.00′
LT = 106.67′
ST = 53.34′

PI Sta 67+46.87
△ = 4° 58′ 48.4" (RT)
D = 0° 28′ 38.9"
L = 1,043.03′
T = 521.85′
R = 12,000.00′

-Y5RPA-

PI Sta 12+25.48
△ = 3° 02′ 20.5" (RT)
D = 0° 40′ 26.6"
L = 450.85′
T = 225.48′
R = 8,500.00′

PI Sta 18+02.20
△ = 4° 44′ 02.6" (LT)
D = 0° 40′ 26.6"
L = 702.31′
T = 351.35′
R = 8,500.00′

PI Sta 25+63.16
△ = 29° 04′ 32.1" (RT)
D = 7° 32′ 20.1"
L = 385.67′
T = 197.08′
R = 760.00′

-Y5RPB-

PIs Sta 11+46.74
Θs = 5° 34′ 38.9"
Ls = 220.00′
LT = 146.74′
ST = 73.40′

PI Sta 13+80.60
△ = 16° 10′ 40.3" (LT)
D = 5° 04′ 13.5"
L = 319.06′
T = 160.60′
R = 1,130.00′

PIs Sta 16+05.78
Θs = 5° 04′ 13.5"
Ls = 200.00′
LT = 133.39′
ST = 66.72′

PIs Sta 19+08.96
Θs = 13° 01′ 18.4"
Ls = 200.00′
LT = 133.70′
ST = 67.00′

PI Sta 21+31.40
△ = 39° 04′ 33.3" (RT)
D = 13° 01′ 18.4"
L = 300.08′
T = 156.14′
R = 440.00′

PIs Sta 23+42.34
Θs = 13° 01′ 18.4"
Ls = 200.00′
LT = 133.70′
ST = 67.00′

-Y5RPC-

PIs Sta 11+10.98
Θs = 1° 31′ 06.6"
Θs = 2° 59′ 59.5"
Ls = 200.00′
LT = 110.98′
ST = 89.12′

PI Sta 14+86.02
△ = 17° 02′ 01.1" (RT)
D = 2° 59′ 59.2"
L = 567.83′
T = 286.02′
R = 1,910.00′

PIs Sta 18+80.37
Θs = 2° 59′ 56.7"
Θs = 6° 30′ 41.7"
Ls = 200.00′
LT = 112.54′
ST = 87.91′

PI Sta 21+98.09
△ = 29° 19′ 36.1" (RT)
D = 6° 30′ 39.2"
L = 450.43′
T = 230.26′
R = 880.00′

-Y_EB-

PIs Sta 11+43.96
Θs = 0° 37′ 55.0"
Ls = 150.00′
LT = 100.00′
ST = 50.00′

PI Sta 13+90.80
△ = 3° 18′ 57.8" (RT)
D = 0° 50′ 33.3"
L = 393.56′
T = 196.83′
R = 6,800.00′

PIs Sta 16+37.52
Θs = 0° 37′ 54.8"
Ls = 150.00′
LT = 100.00′
ST = 50.00′

-Y_WB-

PIs Sta 23+74.37
Θs = 5° 58′ 05.9"
Ls = 500.00′
LT = 333.52′
ST = 166.84′

PI Sta 28+28.43
△ = 13° 39′ 57.0" (LT)
D = 2° 23′ 14.4"
L = 572.43′
T = 287.58′
R = 2,400.00′

PIs Sta 31+93.29
Θs = 2° 51′ 52.8"
Ls = 239.99′
LT = 160.01′
ST = 80.02′

-RPC-

PIs Sta 11+00.00
Θs = 0° 42′ 58.3"
Ls = 150.00′
LT = 100.00′
ST = 50.00′

PI Sta 13+15.53
△ = 3° 09′ 38.0" (RT)
D = 0° 57′ 17.7"
L = 330.97′
T = 165.53′
R = 6,000.00′

PIs Sta 15+30.97
Θs = 0° 42′ 58.1"
Ls = 149.99′
LT = 99.99′
ST = 50.00′

PIs Sta 20+72.89
Θs = 0° 56′ 40.0"
Ls = 150.00′
LT = 100.00′
ST = 50.00′

PI Sta 34+57.05
△ = 32° 41′ 04.6" (RT)
D = 1° 15′ 33.3"
L = 2,595.57′
T = 1,334.16′
R = 4,550.00′

PIs Sta 47+68.46
Θs = 0° 56′ 39.7"
Ls = 150.00′
LT = 100.00′
ST = 50.00′

-LI_EB-

PIs Sta 24+84.39
Θs = 4° 49′ 31.6"
Ls = 380.00′
LT = 253.43′
ST = 126.75′

PI Sta 31+83.19
△ = 28° 27′ 55.0" (LT)
D = 2° 32′ 22.9"
L = 1,120.81′
T = 572.22′
R = 2,256.00′

PIs Sta 38+81.92
Θs = 5° 42′ 51.6"
Ls = 450.00′
LT = 300.16′
ST = 150.14′

PIs Sta 71+80.57
Θs = 10° 00′ 00.0"
Ls = 400.00′
LT = 267.09′
ST = 133.72′

PI Sta 78+80.34
△ = 52° 38′ 29.2" (RT)
D = 5° 00′ 00.0"
L = 1,052.83′
T = 566.86′
R = 1,145.92′

REVISIONS

6/2/99

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