

6/2/2025

REVISIONS

7/30/2025 11:02:40 AM
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PROPOSED ALIGNMENT CURVE DATA

PROJECT REFERENCE NO.

I-2513AC

SHEET NO.

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

LAND SURVEYOR

MARK A. PARRIS

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

-L-													
PI Sta 14+32.09 Δ = 21' 06" 01.2" (RT) D = 2' 28' 10.7" L = 854.39' T = 432.09' R = 2,320.00'	Pls Sta 19+76.46 Θs = 4' 31' 10.0" Ls = 366.00' LT = 244.08' ST = 122.07'	PI Sta 29+74.15 Δ = 3' 02' 34.5" (RT) D = 0' 28' 38.9" L = 637.31' T = 318.73' R = 12,000.00'	PI Sta 52+29.12 Δ = 11' 08' 02.2" (LT) D = 0' 28' 38.9" L = 2,331.89' T = 1,169.63' R = 12,000.00'	Pls Sta 77+51.41 Θs = 6' 30' 57.6" Ls = 348.00' LT = 232.16' ST = 116.14'	PI Sta 83+63.77 Δ = 35' 57' 32.0" (LT) D = 3' 44' 41.4" L = 960.23' T = 496.52' R = 1,530.00'	Pls Sta 89+43.63 Θs = 6' 30' 57.6" Ls = 348.00' LT = 232.16' ST = 116.14'	Pls Sta 95+49.60 Θs = 6' 30' 57.6" Ls = 348.00' LT = 232.16' ST = 116.14'	PI Sta 97+29.80 Δ = 4' 49' 02.8" (RT) D = 3' 44' 41.4" L = 128.64' T = 64.36' R = 1,530.00'	Pls Sta 99+10.23 Θs = 6' 30' 57.6" Ls = 348.00' LT = 232.16' ST = 116.14'	Pls Sta 103+34.12 Θs = 3' 33' 22.6" Ls = 288.00' LT = 192.04' ST = 96.04'	PI Sta 108+17.41 Δ = 18' 57' 22.4" (LT) D = 2' 28' 10.7" L = 767.57' T = 387.32' R = 2,320.00'	Pls Sta 112+93.69 Θs = 3' 33' 22.6" Ls = 288.00' LT = 192.04' ST = 96.04'	PI Sta 118+89.27 Δ = 1' 35' 34.6" (RT) D = 0' 22' 55.1" L = 417.03' T = 208.53' R = 15,000.00'
-Y1-				-Y1A-				-Y1C-		-Y1D-			
PI Sta 16+29.48 Δ = 45' 37' 39.1" (LT) D = 10' 44' 58.8" L = 424.45' T = 224.20' R = 533.00'	PI Sta 22+87.20 Δ = 10' 57' 23.7" (RT) D = 1' 12' 04.2" L = 912.16' T = 457.48' R = 4,770.00'	PI Sta 32+84.16 Δ = 90' 59' 16.2" (LT) D = 10' 44' 58.8" L = 846.42' T = 542.27' R = 533.00'	PI Sta 41+36.61 Δ = 28' 16' 02.2" (RT) D = 24' 48' 12.1" L = 113.97' T = 58.17' R = 231.00'	PI Sta 42+44.69 Δ = 64' 24' 46.3" (RT) D = 69' 01' 51.8" L = 93.31' T = 52.28' R = 83.00'	PI Sta 11+53.08 Δ = 4' 09' 29.5" (LT) D = 11' 27' 33.0" L = 36.29' T = 18.15' R = 500.00'		PI Sta 10+93.81 Δ = 16' 56' 21.7" (RT) D = 9' 05' 40.4" L = 186.26' T = 93.81' R = 630.00'	PI Sta 15+02.00 Δ = 73' 52' 16.2" (LT) D = 22' 17' 59.8" L = 331.26' T = 193.16' R = 256.93'	PI Sta 12+72.21 Δ = 50' 44' 00.0" (LT) D = 19' 17' 29.4" L = 262.98' T = 140.81' R = 297.00'				
-Y2-				-Y2A-				-Y2B-		-Y2RPB-			
PI Sta 11+52.95 Δ = 37' 03' 04.6" (RT) D = 2' 47' 07.7" L = 170.07' T = 88.13' R = 263.00'	PI Sta 14+01.01 Δ = 28' 40' 19.9" (RT) D = 8' 48' 53.0" L = 325.28' T = 166.12' R = 650.00'	PI Sta 17+33.98 Δ = 49' 44' 06.1" (LT) D = 15' 16' 43.9" L = 325.51' T = 173.81' R = 375.00'	PI Sta 25+58.31 Δ = 67' 09' 15.1" (RT) D = 22' 55' 05.9" L = 293.02' T = 165.96' R = 250.00'	PI Sta 11+39.48 Δ = 71' 10' 44.4" (LT) D = 104' 10' 26.9" L = 68.33' T = 39.36' R = 55.00'	PI Sta 18+19.56 Δ = 193' 46' 18.0" (RT) D = 104' 10' 26.9" L = 186.01' T = 455.44' R = 55.00'	PI Sta 15+44.66 Δ = 66' 13' 45.4" (LT) D = 20' 27' 46.0" L = 323.66' T = 182.63' R = 280.00'	PI Sta 20+51.95 Δ = 49' 43' 40.6" (RT) D = 20' 27' 46.0" L = 243.02' T = 129.76' R = 280.00'	Pls Sta 11+38.68 Θs = 2' 11' 26.6" Ls = 208.00' LT = 138.68' ST = 69.34'	PI Sta 12+90.92 Δ = 3' 29' 32.1" (LT) D = 2' 06' 23.3" L = 165.79' T = 82.92' R = 2,720.00'	Pls Sta 14+43.13 Θs = 2' 11' 26.6" Ls = 208.00' LT = 138.68' ST = 69.34'	PI Sta 24+85.49 Δ = 4' 11' 09.0" (LT) D = 1' 03' 32.7" L = 395.24' T = 197.71' R = 5,410.00'	PI Sta 27+72.03 Δ = 16' 52' 35.6" (RT) D = 9' 32' 57.5" L = 176.73' T = 89.01' R = 600.00'	
-Y2RPC-				-Y3-				-Y3A-		-Y3B-		-Y3RPA-	
PI Sta 13+82.91 Δ = 5' 22' 47.8" (RT) D = 0' 42' 10.9" L = 765.27' T = 382.91' R = 8,150.00'	Pls Sta 18+85.27 Θs = 1' 15' 55.5" Ls = 360.00' LT = 240.01' ST = 120.01'	Pls Sta 24+38.49 Θs = 1' 36' 56.7" Ls = 282.00' LT = 188.01' ST = 94.01'	PI Sta 28+36.29 Δ = 6' 57' 15.8" (LT) D = 1' 08' 45.3" L = 606.88' T = 303.82' R = 5,000.00'	PI Sta 36+07.94 Δ = 19' 10' 21.3" (RT) D = 16' 22' 12.8" L = 117.12' T = 59.11' R = 350.00'	PI Sta 20+79.83 Δ = 15' 36' 51.1" (LT) D = 4' 10' 55.8" L = 373.35' T = 187.84' R = 1,370.00'	PI Sta 24+42.69 Δ = 14' 45' 07.0" (RT) D = 4' 10' 55.8" L = 352.73' T = 177.35' R = 1,370.00'	PI Sta 32+85.24 Δ = 9' 30' 25.6" (LT) D = 5' 00' 14.4" L = 189.99' T = 95.21' R = 1,145.00'	PI Sta 14+65.98 Δ = 76' 36' 39.5" (LT) D = 57' 17' 44.8" L = 133.71' T = 78.99' R = 100.00'	PI Sta 10+39.00 Δ = 36' 27' 10.1" (LT) D = 120' 53' 49.1" L = 301.5' T = 15.61' R = 47.39'	Pls Sta 10+66.69 Θs = 3' 37' 05.9" Ls = 200.00' LT = 133.36' ST = 66.69'	PI Sta 20+66.32 Δ = 29' 06' 17.2" (RT) D = 11' 14' 04.1" L = 259.07' T = 132.39' R = 510.00'	PI Sta 22+49.76 Δ = 20' 07' 10.6" (LT) D = 17' 54' 17.8" L = 112.37' T = 56.77' R = 320.00'	
-Y3RPD-				-Y4-				-Y4RPC-					
Pls Sta 10+78.84 Θs = 2' 55' 11.1" Ls = 159.00' LT = 80.30' ST = 78.84'	PI Sta 12+49.31 Δ = 6' 37' 35.4" (LT) D = 3' 40' 22.1" L = 180.42' T = 90.31' R = 1,560.00'	Pls Sta 13+92.43 Θs = 2' 55' 11.6" Ls = 159.00' LT = 106.01' ST = 53.01'	PI Sta 17+60.49 Δ = 12' 34' 48.4" (RT) D = 3' 13' 07.9" L = 390.82' T = 196.20' R = 1,780.00'	PI Sta 12+72.42 Δ = 41' 39' 00.0" (LT) D = 8' 00' 00.0" L = 520.63' T = 272.42' R = 716.20'	Pls Sta 11+13.49 Θs = 1' 50' 41.3" Ls = 246.00' LT = 132.65' ST = 113.49'	PI Sta 14+35.14 Δ = 5' 40' 09.2" (LT) D = 1' 29' 59.6" L = 377.98' T = 189.14' R = 3,820.00'	Pls Sta 17+05.98 Θs = 1' 50' 41.5" Ls = 246.00' LT = 164.01' ST = 82.01'	PIs Sta 20+90.17 Θs = 3' 39' 25.8" Ls = 120.00' LT = 80.02' ST = 40.02'	PI Sta 22+40.94 Δ = 13' 26' 38.3" (RT) D = 6' 05' 43.1" L = 220.56' T = 110.79' R = 940.00'	PI Sta 23+93.66 Δ = 19' 29' 10.6" (LT) D = 22' 55' 05.9" L = 85.02' T = 42.93' R = 250.00'			
-Y7-				-Y8-				-Y12-		-Y13-			
PI Sta 10+53.20 Δ = 66' 58' 40.4" (RT) D = 143' 14' 22.0" L = 46.76' T = 26.46' R = 40.00'	PI Sta 13+07.18 Δ = 25' 05' 40.2" (RT) D = 5' 27' 24.3" L = 459.88' T = 233.69' R = 1,050.00'	PI Sta 18+02.84 Δ = 19' 14' 27.7" (LT) D = 95' 29' 34.7" L = 201.5' T = 10.17' R = 60.00'	PI Sta 18+78.17 Δ = 95' 53' 12.8" (RT) D = 220' 28' 10.1" L = 43.49' T = 28.81' R = 25.99'	PI Sta 13+85.49 Δ = 31' 52' 10.8" (LT) D = 17' 15' 00.0" L = 184.75' T = 94.83' R = 332.15'	PI Sta 15+24.31 Δ = 11' 41' 49.2" (LT) D = 12' 00' 00.0" L = 97.48' T = 48.91' R = 477.46'	PI Sta 18+62.53 Δ = 52' 10' 00.0" (RT) D = 40' 00' 00.0" L = 130.42' T = 70.12' R = 143.24'	PI Sta 21+15.41 Δ = 22' 42' 48.4" (LT) D = 24' 00' 00.0" L = 94.64' T = 47.95' R = 238.73'	PI Sta 14+00.97 Δ = 133' 23' 00.0" (RT) D = 136' 25' 06.7" L = 97.78' T = 97.48' R = 42.00'	PI Sta 10+63.05 Δ = 43' 01' 04.8" (LT) D = 35' 48' 35.5" L = 120.13' T = 63.05' R = 160.00'				
-RP23-				-RP32-				-RP32-					
PI Sta 11+78.35 Δ = 40' 59' 21.4" (LT) D = 16' 51' 06.1" L = 243.24' T = 127.08' R = 340.00'	PI Sta 14+98.56 Δ = 15' 29' 37.9" (RT) D = 3' 49' 11.0" L = 405.63' T = 204.06' R = 1,500.00'	PI Sta 34+51.70 Δ = 5' 25' 32.4" (LT) D = 1' 05' 28.9" L = 497.15' T = 248.76' R = 5,250.00'	PI Sta 37+90.60 Δ = 14' 19' 47.6" (RT) D = 7' 57' 27.9" L = 180.07' T = 90.51' R = 720.00'	PI Sta 39+45.09 Δ = 32' 53' 02.6" (LT) D = 26' 02' 36.7" L = 126.27' T = 64.92' R = 220.00'	PI Sta 13+85.71 Δ = 15' 12' 47.6" (LT) D = 2' 36' 15.7" L = 584.15' T = 293.80' R = 2,200.00'	PI Sta 17+52.66 Δ = 0' 44' 16.0" (LT) D = 0' 28' 53.7" L = 153.20' T = 76.60' R = 11,897.50'	PI Sta 32+03.63 Δ = 23' 46' 08.3" (LT) D = 4' 05' 33.2" L = 580.79' T = 294.63' R = 1,400.00'						