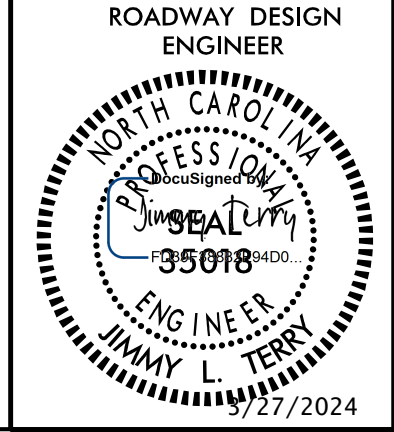


8/17/99

U-5809 CURVE DATA

PROJECT REFERENCE NO.	SHEET NO.
U-5809	2B-1
RW SHEET NO.	



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
 201 W. MARION ST. STE 200
 SHELBY, NC 28150
 PH: (704) 476-0003
 CORP. LICENSE NO.: C-0275

-L- CURVE DATA

PI Sta 11+14.48 Δ = 2° 11' 10.3" (RT) D = 0' 57' 17.7" L = 228.94' T = 114.48' R = 6,000.00' SE = NC DS = 45 MPH	PI Sta 17+08.18 Δ = 9° 09' 22.0" (RT) D = 1' 25' 56.6" L = 639.22' T = 320.29' R = 4,000.00' SE = 0.02 DS = 40 MPH	PI Sta 22+10.34 Δ = 1° 57' 56.7" (RT) D = 1' 11' 37.2" L = 164.68' T = 82.35' R = 4,800.00' SE = NC DS = 40 MPH	PI Sta 30+98.99 Δ = 2° 51' 57.5" (RT) D = 1' 11' 37.2" L = 240.10' T = 120.08' R = 4,800.00' SE = NC DS = 40 MPH	PI Sta 34+98.94 Δ = 2° 51' 57.5" (RT) D = 1' 11' 37.2" L = 240.10' T = 120.08' R = 4,800.00' SE = NC DS = 40 MPH
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-RPA- CURVE DATA

PI Sta 12+16.11 Δ = 43° 03' 50.5" (LT) D = 28° 38' 52.4" L = 150.32' T = 78.91' R = 200.00' SE = 0.02 DS = <15 MPH 1- RPA PC 11+37.20 2- RPA PRC 12+87.52	PI Sta 13+77.19 Δ = 16° 59' 53.1" (RT) D = 9° 32' 57.5" L = 178.00' T = 89.66' R = 600.00' SE = 0.04 DS = 40 MPH
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-RPC- CURVE DATA

PI Sta 10+98.26 Δ = 12° 27' 39.6" (RT) D = 6° 21' 58.3" L = 195.74' T = 98.26' R = 900.00' SE = 0.03 DS = 30 MPH

-RPB CURVE DATA

PI Sta 11+68.65 Δ = 23° 50' 26.9" (RT) D = 11° 27' 33.0" L = 208.05' T = 105.55' R = 500.00' SE = 0.04 DS = <15 MPH

-Y1- CURVE DATA

PI Sta 10+92.29 Δ = 59° 01' 50.2" (RT) D = 57° 17' 44.8" L = 103.03' T = 56.61' R = 100.00' 3- -Y1- PC 10+35.68 4- -Y1- PT 11+38.71 ②)S 84° 00' 23.2" E

-Y2- CURVE DATA

PI Sta 12+45.35 Δ = 35° 15' 48.4" (LT) D = 19° 05' 54.9" L = 184.64' T = 95.35' R = 300.00' SE = 0.04 DS = 30 MPH

-Y3- CURVE DATA

PI Sta 12+81.60 Δ = 25° 13' 27.4" (LT) D = 10° 44' 58.8" L = 234.65' T = 119.26' R = 533.00' SE = 0.04 DS = 40 MPH

-Y4- CURVE DATA

PI Sta 11+73.56 Δ = 12° 16' 18.4" (LT) D = 9° 32' 57.5" L = 128.51' T = 64.50' R = 600.00' SE = 0.04 DS = 40 MPH

-Y5 CURVE DATA

PI Sta 14+04.68 Δ = 9° 49' 35.3" (LT) D = 5° 43' 46.5" L = 171.50' T = 85.96' R = 1,000.00' SE = 0.04 DS = 50 MPH

REVISIONS

X:\2024\Projects\U-5809\Roadway\Proj\U-5809_Rdwy_Detail1 Sht 2B-1(Curve data).dgn
8/27/2024
JL