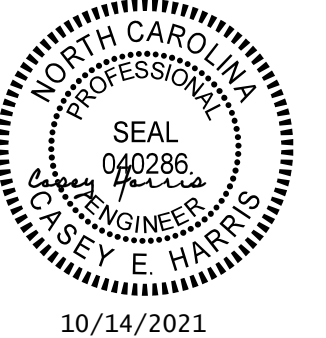



PROJECT REFERENCE NO.	SHEET NO.
U-2579AB	10A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
	
10/14/2021	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St. Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-01116	

-Y15- (I-40 BYPASS)

Pls Sta. 28+38.02 Θs = 2° 37' 30.0" Ls = 300.00' LT = 200.02' ST = 100.02' INC = 50.00'	PI Sta. 31+82.43 Δ = 8° 32' 20.6" (RT) D = 1° 45' 00.0" L = 487.95' T = 244.43' R = 3,274.05' SE = 06	Pls Sta. 35+25.97 Θs = 2° 37' 30.0" Ls = 300.00' LT = 200.02' ST = 100.02' INC = 50.00'
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Pls Sta. 66+57.43 Θs = 1° 00' 00.0" Ls = 200.00' LT = 133.34' ST = 66.67' INC = 50.00'	PI Sta. 80+19.99 Δ = 25° 29' 20.6" (RT) D = 1° 00' 00.0" L = 2,548.91' T = 1,295.90' R = 5,729.58' SE = 04	Pls Sta. 93+39.67 Θs = 1° 00' 00.0" Ls = 200.00' LT = 133.34' ST = 66.67' INC = 50.00'
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-Y15FLYAC- (FLYOVER)

Pls Sta. 12+40.08 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'	PI Sta. 15+10.50 Δ = 7° 25' 06.6" (RT) D = 2° 28' 10.7" L = 300.39' T = 150.40' R = 2,320.00' SE = 06	Pls Sta. 17+80.65 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'
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Pls Sta. 21+80.40 Θs = 1° 52' 42.8" Ls = 240.00' LT = 160.01' ST = 80.01' INC = 60.00'	PI Sta. 54+77.32 Δ = 82° 37' 38.4" (LT) D = 1° 33' 55.7" L = 5,278.16' T = 3,216.94' R = 3,660.00' SE = 04	Pls Sta. 76+18.55 Θs = 1° 52' 42.8" Ls = 240.00' LT = 160.01' ST = 80.01' INC = 60.00'
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Pls Sta. 79+18.55 Θs = 1° 06' 35.9" Ls = 210.00' LT = 140.00' ST = 70.00' INC = 70.00'	PI Sta. 85+52.56 Δ = 11° 52' 54.5" (RT) D = 1° 03' 25.6" L = 1,123.98' T = 564.01' R = 5,420.00' SE = 03	Pls Sta. 91+82.53 Θs = 1° 06' 35.9" Ls = 210.00' LT = 140.00' ST = 70.00' INC = 70.00'
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-Y15RPA- (RAMP)

Pls Sta. 23+16.47 Θs = 18° 08' 28.1" Ls = 480.00' LT = 321.70' ST = 161.54' INC = 60.00'	PI Sta. 27+50.99 Δ = 40° 02' 35.6" (RT) D = 7° 33' 31.7" L = 529.76' T = 276.21' R = 758.00' SE = 08	Pls Sta. 31+66.07 Θs = 18° 08' 28.1" Ls = 480.00' LT = 321.70' ST = 161.54' INC = 60.00'
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-L-

Pls Sta. 774+06.63 Θs = 0° 50' 35.3" Ls = 225.00' LT = 150.00' ST = 75.00' INC = 75.00'	PI Sta. 795+15.62 Δ = 29° 47' 50.6" (RT) D = 0° 44' 58.0" L = 3,975.88' T = 2,033.99' R = 7,645.00' SE = 03
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-Y15RPDREV- (RAMP)

Pls Sta 27+43.04 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'	PI Sta 38+99.44 Δ = 48° 08' 45.1" (RT) D = 2° 28' 10.7" L = 1,949.50' T = 1,036.47' R = 2,320.00' SE = 06 V = 60MPH	Pls Sta 49+32.54 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'
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-Y15REV- (RELOCATED I-40 BYPASS)

Pls Sta. 11+73.18 Θs = 1° 21' 41.3" Ls = 240.00' LT = 160.00' ST = 80.00' INC = 60.00'	PI Sta. 21+08.35 Δ = 19° 13' 21.3" (RT) D = 1° 08' 04.5" L = 1,694.26' T = 855.17' R = 5,050.00' SE = 04	Pls Sta. 30+27.45 Θs = 1° 21' 41.3" Ls = 240.00' LT = 160.00' ST = 80.00' INC = 60.00'
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Pls Sta. 69+22.62 Θs = 0° 32' 07.7" Ls = 200.00' LT = 133.33' ST = 66.67' INC = 100.00'	PI Sta. 74+07.12 Δ = 4° 28' 21.2" (RT) D = 0° 32' 07.7" L = 835.25' T = 417.84' R = 10,700.00' SE = 02	Pls Sta. 78+91.20 Θs = 0° 32' 07.7" Ls = 200.00' LT = 133.33' ST = 66.67' INC = 100.00'
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PI Sta. 80+19.99 Δ = 25° 29' 20.6" (RT) D = 1° 00' 00.0" L = 2,548.91' T = 1,295.90' R = 5,729.58' SE = EXIST	Pls Sta. 93+39.67 Θs = 1° 00' 00.0" Ls = 200.00' LT = 133.34' ST = 66.67'
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-Y15FLYCA- (FLYOVER)

Pls Sta. 12+00.03 Θs = 3° 02' 51.5" Ls = 300.00' LT = 200.03' ST = 100.03' INC = 60.00'	PI Sta. 21+26.72 Δ = 32° 40' 42.7" (RT) D = 2° 01' 54.4" L = 1,608.38' T = 826.72' R = 2,820.00' SE = 05	Pls Sta. 30+08.41 Θs = 3° 02' 51.5" Ls = 300.00' LT = 200.03' ST = 100.03' INC = 60.00'
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Pls Sta. 34+48.46 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'	PI Sta. 65+16.52 Δ = 103° 35' 56.2" (LT) D = 2° 28' 10.7" L = 4,194.89' T = 2,948.14' R = 2,320.00' SE = 06	Pls Sta. 78+83.34 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'
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Pls Sta. 83+63.35 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'	PI Sta. 85+81.66 Δ = 4° 51' 25.3" (RT) D = 2° 28' 10.7" L = 196.67' T = 98.39' R = 2,320.00' SE = 06	Pls Sta. 88+00.01 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'
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-Y15RPB- (RAMP)

Pls Sta. 18+61.95 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'	PI Sta. 26+54.22 Δ = 32° 19' 25.4" (RT) D = 2° 28' 10.7" L = 1,308.84' T = 672.35' R = 2,320.00' SE = 06	Pls Sta. 34+10.78 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'
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Pls Sta. 38+10.72 Θs = 1° 20' 44.7" Ls = 240.00' LT = 160.00' ST = 80.00' INC = 60.00'	PI Sta. 40+11.87 Δ = 2° 43' 01.6" (LT) D = 1° 07' 17.3" L = 242.28' T = 121.16' R = 5,109.00' SE = 04
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-Y15LPA- (LOOP)

PI Sta. 10+18.27 Δ = 0° 16' 20.3" (LT) D = 0° 44' 42.6" L = 36.54' T = 18.27' R = 7,689.04' SE = 08	Pls Sta. 11+29.88 Θs = 1° 02' 35.6" Ls = 280.00' LT = 186.67' ST = 93.34' INC = 35.00'
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Pls Sta. 15+06.37 Θs = 32° 05' 08.3" Ls = 280.00' LT = 189.83' ST = 96.21' INC = 35.00'	PI Sta. 53+68.09 Δ = 187° 35' 04.9" (RT) D = 22° 55' 05.9" L = 818.49' T = 3,771.54' R = 250.00' SE = 08	Pls Sta. 25+11.25 Θs = 32° 05' 08.3" Ls = 280.00' LT = 189.83' ST = 96.21' INC = 35.00'
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-Y15FLYBD- (FLYOVER)

Pls Sta. 12+40.08 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'	PI Sta. 17+84.98 Δ = 20° 45' 38.3" (RT) D = 2° 28' 10.7" L = 840.63' T = 424.98' R = 2,320.00' SE = 06	Pls Sta. 23+20.70 Θs = 4° 26' 43.3" Ls = 360.00' LT = 240.08' ST = 120.07' INC = 60.00'
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Pls Sta. 28+00.80 Θs = 6° 36' 39.8" Ls = 360.00' LT = 240.17' ST = 120.15' INC = 60.00'	PI Sta. 88+39.55 Δ = 150° 28' 10.6" (LT) D = 3° 40' 22.1" L = 4,096.86' T = 5,918.92' R = 1,560.00' SE = 06	Pls Sta. 71+37.64 Θs = 6° 36' 39.8" Ls = 360.00' LT = 240.17' ST = 120.15' INC = 60.00'
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Pls Sta. 75+77.52 Θs = 3° 02' 51.5" Ls = 300.00' LT = 200.03' ST = 100.03' INC = 60.00'	PI Sta. 85+77.53 Δ = 35° 24' 08.0" (RT) D = 2° 01' 54.4" L = 1,742.44' T = 900.04' R = 2,820.00' SE = 05	Pls Sta. 95+19.95 Θs = 3° 02' 51.5" Ls = 300.00' LT = 200.03' ST = 100.03' INC = 60.00'
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-Y15RPC- (RAMP)

Pls Sta. 16+73.91 Θs = 18° 08' 28.1" Ls = 480.00' LT = 321.70' ST = 161.54' INC = 60.00'	PI Sta. 23+37.14 Δ = 67° 20' 12.2" (RT) D = 7° 33' 31.7" L = 890.84' T = 504.92' R = 758.00' SE = 08	Pls Sta. 28+84.60 Θs = 18° 08' 28.1" Ls = 480.00' LT = 321.70' ST = 161.54' INC = 60.00'
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REVISIONS

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