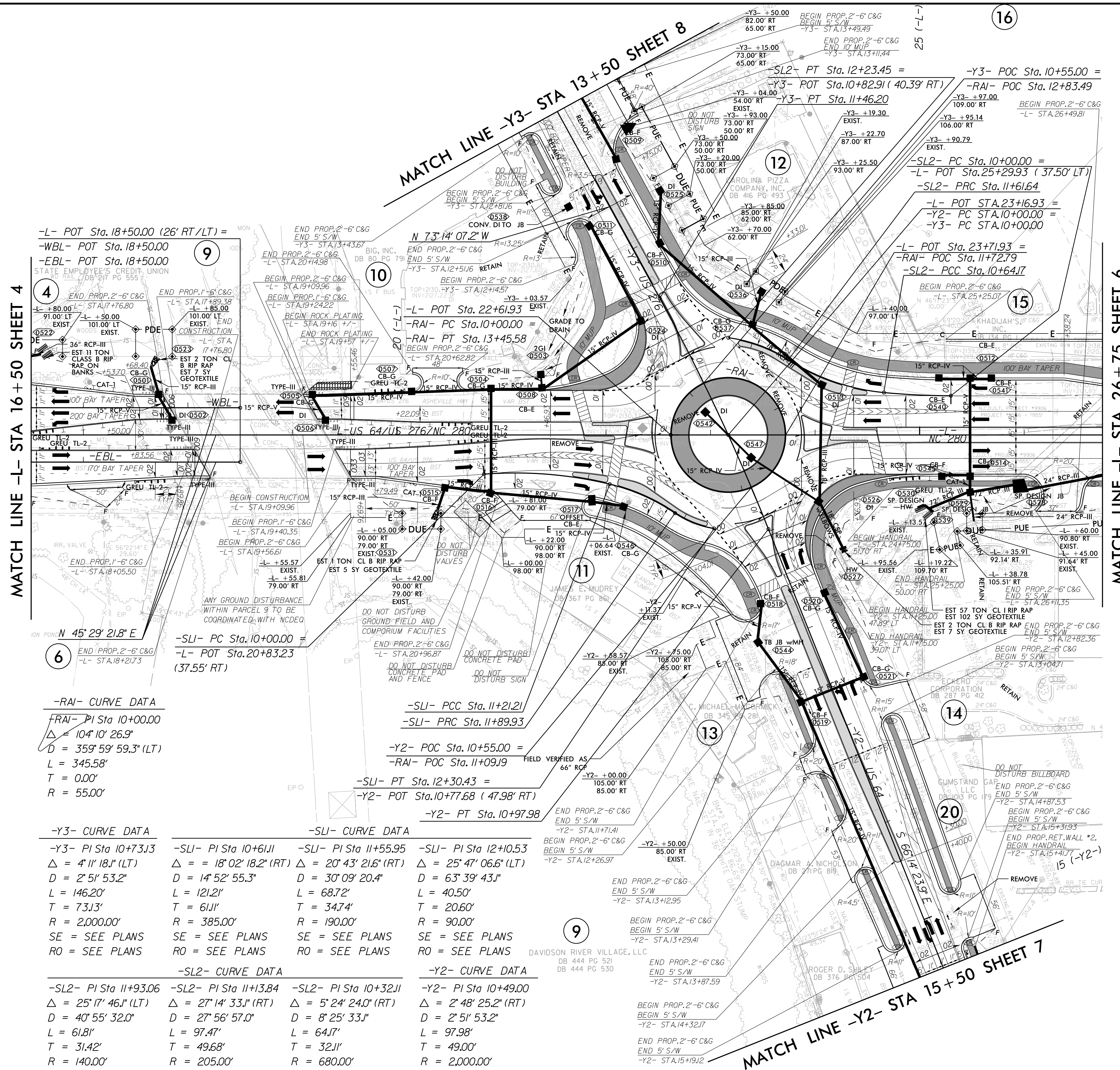
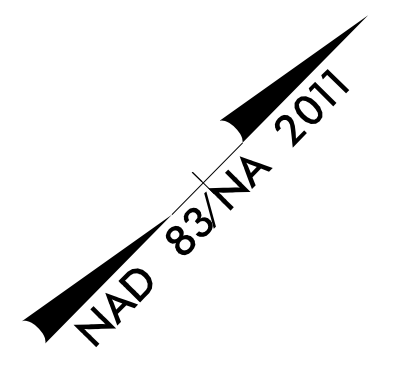


8.17/799

PROJECT REFERENCE NO. R-5799	SHEET NO. 5
ROADWAY DESIGN ENGINEER WILLIAM C. DRISK PROFESSIONAL SEAL 042894 6/15/2023	HYDRAULICS ENGINEER ALEXANDER R. RYAN PROFESSIONAL SEAL 042894 6/15/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



4
-L- POT Sta. 18+50.00 (26' RT/LT) =
-WBL- POT Sta. 18+50.00
-EBL- POT Sta. 18+50.00
STATE EMPLOYEE'S CREDIT UNION
DB 287 PG 555

6
-SLI- PC Sta. 10+00.00
-L- POT Sta. 20+83.23 (37.55' RT)

9
-RAI- CURVE DATA
-RAI- PI Sta 10+00.00
Δ = 104' 10' 26.9"
D = 359' 59' 59.3" (LT)
L = 345.58'
T = 0.00'
R = 55.00'

-Y3- CURVE DATA
-Y3- PI Sta 10+73.13
Δ = 4' 11' 18.1" (LT)
D = 2' 51' 53.2"
L = 146.20'
T = 73.13'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

-SL1- CURVE DATA
-SL1- PI Sta 10+61.11
Δ = 18' 02' 18.2" (RT)
D = 14' 52' 55.3"
L = 121.21'
T = 61.11'
R = 385.00'
SE = SEE PLANS
RO = SEE PLANS

-SL2- CURVE DATA
-SL2- PI Sta 11+93.06
Δ = 25' 17' 46.1" (LT)
D = 40' 55' 32.0"
L = 61.81'
T = 31.42'
R = 140.00'
SE = SEE PLANS
RO = SEE PLANS

10
-L- POT Sta. 22+61.93
-RAI- PC Sta. 10+00.00 =
-RAI- PT Sta. 13+45.58
BIGIN PROP. 2'-6" C&G
-L- STA. 20+62.82

11
-SLI- PCC Sta. 11+21.21
-SLI- PRC Sta. 11+89.93
-Y2- POC Sta. 10+55.00 =
-RAI- POC Sta. 11+09.19
-SLI- PT Sta. 12+30.43 =
-Y2- POT Sta. 10+77.68 (47.98' RT)

-Y2- CURVE DATA
-Y2- PI Sta 10+49.00
Δ = 2' 48' 25.2" (RT)
D = 2' 51' 53.2"
L = 97.98'
T = 49.00'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

-Y2- CURVE DATA
-Y2- PI Sta 10+49.00
Δ = 2' 48' 25.2" (RT)
D = 2' 51' 53.2"
L = 97.98'
T = 49.00'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

-Y2- CURVE DATA
-Y2- PI Sta 10+49.00
Δ = 2' 48' 25.2" (RT)
D = 2' 51' 53.2"
L = 97.98'
T = 49.00'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

12
-Y3- PT Sta. 12+23.45 =
-Y3- POT Sta. 10+82.91 (40.39' RT)
-Y3- PT Sta. 11+46.20
-Y3- POC Sta. 10+55.00 =
-RAI- POC Sta. 12+83.49
-Y3- +97.00
109.00' RT
-L- STA. 26+49.81

13
-L- POT Sta. 23+71.93 =
-RAI- POC Sta. 11+72.79
-SL2- PCC Sta. 10+64.17
-L- POT STA. 23+16.93 =
-Y2- PC STA. 10+00.00 =
-Y3- PC STA. 10+00.00

14
-Y2- CURVE DATA
-Y2- PI Sta 10+49.00
Δ = 2' 48' 25.2" (RT)
D = 2' 51' 53.2"
L = 97.98'
T = 49.00'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

15
-Y2- CURVE DATA
-Y2- PI Sta 10+49.00
Δ = 2' 48' 25.2" (RT)
D = 2' 51' 53.2"
L = 97.98'
T = 49.00'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

16
-Y2- CURVE DATA
-Y2- PI Sta 10+49.00
Δ = 2' 48' 25.2" (RT)
D = 2' 51' 53.2"
L = 97.98'
T = 49.00'
R = 2,000.00'
SE = SEE PLANS
RO = SEE PLANS

TRAFFIC VOLUME DATA
US 276 (PISGAW HWY)

238	36	24	187
298	44	32	244

US 64/US 276/ NC 280

62	71	23	29
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US 64 (HENDERSONVILLE HWY)

95	112
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2017
2040 IN THOUSANDS

- FOR -RW2- DETAIL, SEE SHEET W-2
- FOR -EBL- PROFILE, SEE SHEET NO. 9
- FOR -WBL- PROFILE, SEE SHEET NO. 9
- FOR -L- PROFILE, SEE SHEET NO. 10
- FOR -SL1- PROFILE, SEE SHEET NO. 11
- FOR -SL2- PROFILE, SEE SHEET NO. 11
- FOR -RAI- PROFILE, SEE SHEET NO. 11
- FOR -Y2- PROFILE, SEE SHEET NO. 12
- FOR -Y3- PROFILE, SEE SHEET NO. 13

FOR -RA1-, SEE DETAIL SHEETS 2B-2 THRU 2B-4

03 MAY 2023 17:16 R5799_Rdy_psh_05.dgn