

PROJECT REFERENCE NO.
U-5810

SHEET NO.
4

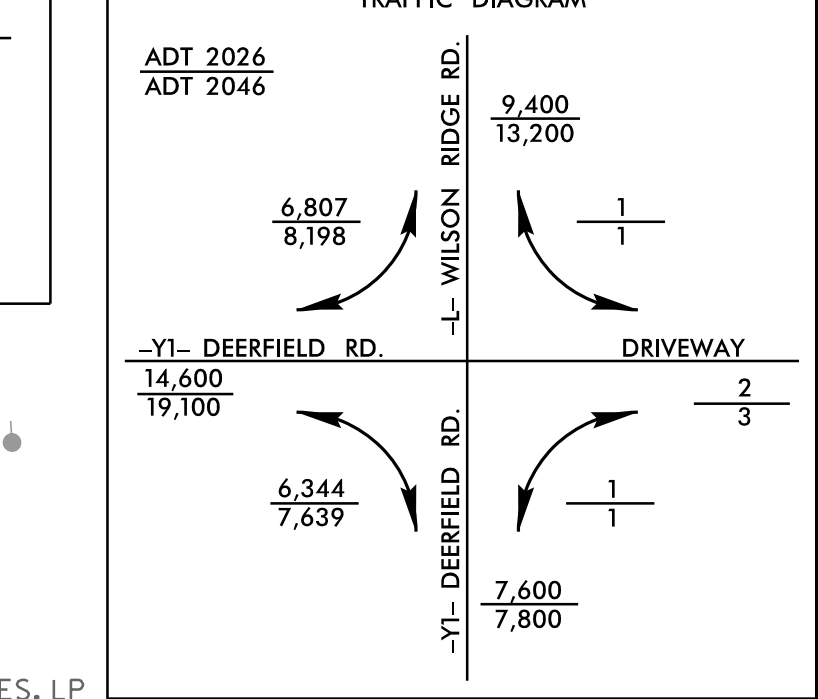
ROADWAY DESIGN
ENGINEER

HYDRAULICS
ENGINEER

7/6/2026
NORTH CAROLINA
PROFESSIONAL
SEAL
040878
Mary Moretz Wilson, EIT

7/2/2026
NORTH CAROLINA
PROFESSIONAL
SEAL
51640
Douglas A. Vofsi, EIT

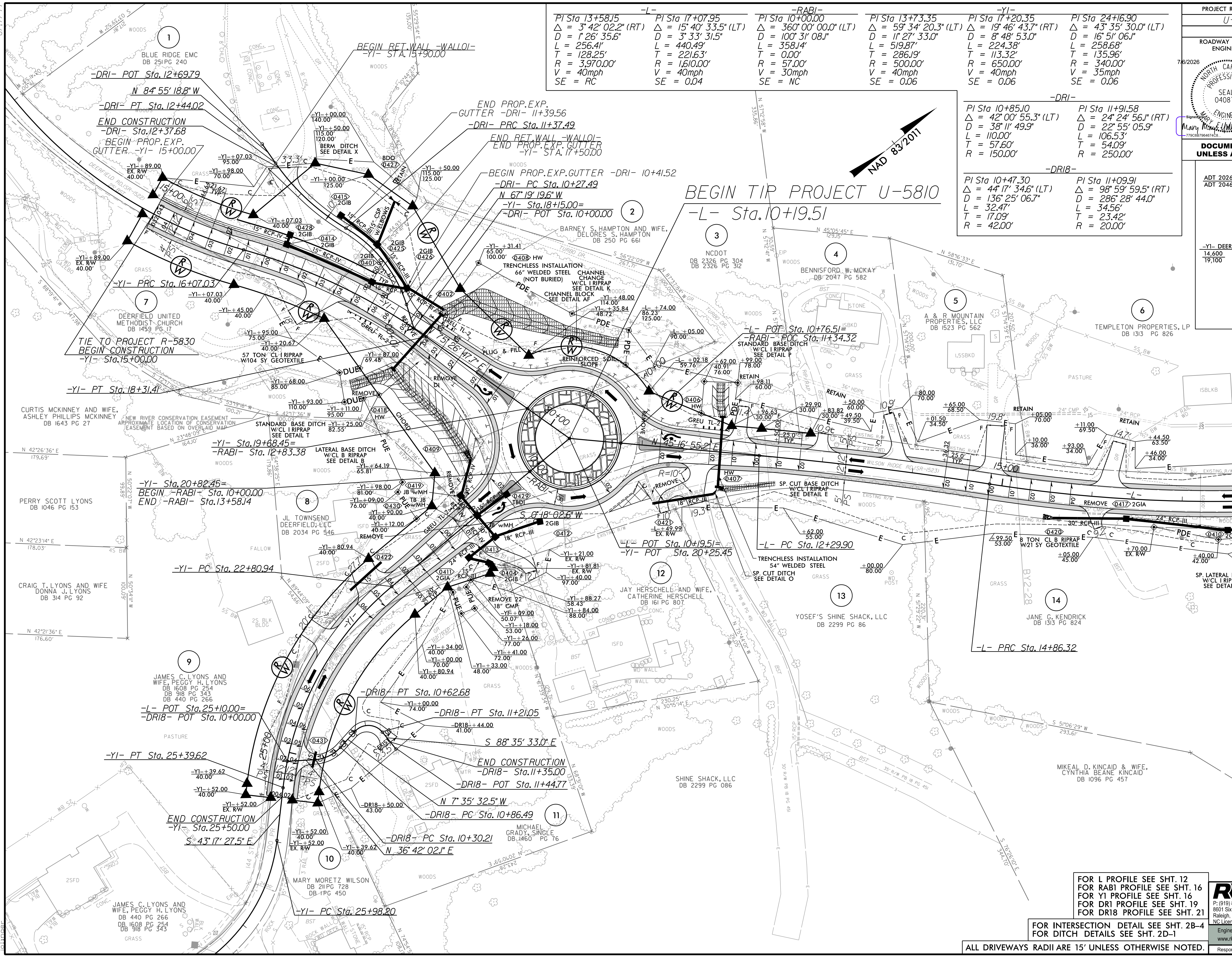
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



MATCHLINE -L- STA. 18+00 SEE SHEET 5

-YI-	-RABI-	-YI-	-DRI-
PI Sta 13+58.15 Δ = 3° 42' 02.2" (RT) D = 126' 35.6" L = 256.4' T = 128.25' R = 3,970.00' V = 40mph SE = RC	PI Sta 17+07.95 Δ = 15° 40' 33.5" (LT) D = 3' 33' 31.5" L = 440.49' T = 221.63' R = 1,610.00' V = 30mph SE = 0.04	PI Sta 10+00.00 Δ = 360° 00' 00.0" (LT) D = 100' 31' 08.1" L = 358.14' T = 0.00' R = 57.00' V = 30mph SE = NC	PI Sta 13+73.35 Δ = 59° 34' 20.3" (LT) D = 11' 27' 33.0" L = 519.87' T = 286.19' R = 500.00' V = 40mph SE = 0.06
PI Sta 17+20.35 Δ = 19° 46' 43.7" (RT) D = 8' 48' 53.0" L = 224.38' T = 113.32' R = 650.00' V = 40mph SE = 0.06	PI Sta 24+16.90 Δ = 43° 35' 30.0" (LT) D = 16' 51' 06.1" L = 258.68' T = 135.96' R = 340.00' V = 35mph SE = 0.06	PI Sta 10+85.10 Δ = 42° 00' 55.3" (LT) D = 38' 11' 49.9" L = 110.00' T = 57.60' R = 150.00'	PI Sta 11+91.58 Δ = 24° 24' 56.1" (RT) D = 22' 55' 05.9" L = 106.53' T = 54.09' R = 250.00'
PI Sta 10+47.30 Δ = 44° 17' 34.6" (LT) D = 136' 25' 06.7" L = 32.47' T = 17.09' R = 42.00'	PI Sta 11+09.91 Δ = 98° 59' 59.5" (RT) D = 286' 28' 44.0" L = 34.56' T = 23.42' R = 20.00'	PI Sta 10+41.52 Δ = 67° 19' 19.6" W D = 15' 18' 15.00" L = 15' 18' 15.00"	PI Sta 10+27.49 Δ = 67° 19' 19.6" W D = 15' 18' 15.00" L = 15' 18' 15.00"

BEGIN TIP PROJECT U-5810
-L- Sta. 10+19.51



FOR L PROFILE SEE SHT. 12
FOR RABI PROFILE SEE SHT. 16
FOR YI PROFILE SEE SHT. 16
FOR DRI PROFILE SEE SHT. 19
FOR DRI8 PROFILE SEE SHT. 21

FOR INTERSECTION DETAIL SEE SHT. 2B-4
FOR DITCH DETAILS SEE SHT. 2D-1

ALL DRIVEWAYS RADII ARE 15' UNLESS OTHERWISE NOTED.

RK&K
P: (919) 878-9560
8601 Six Forks Road, Forum 1 Suite 700
Raleigh, North Carolina 27615-3960
NC License No. F-0112

Engineers | Construction Managers | Planners | Scientists
www.rkk.com
Responsive People | Creative Solutions

5/28/2026
R:\Projects\U-5810_Rd\psh04.dgn
10:00 AM