
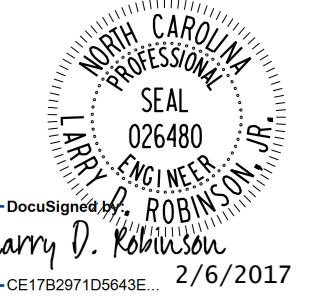
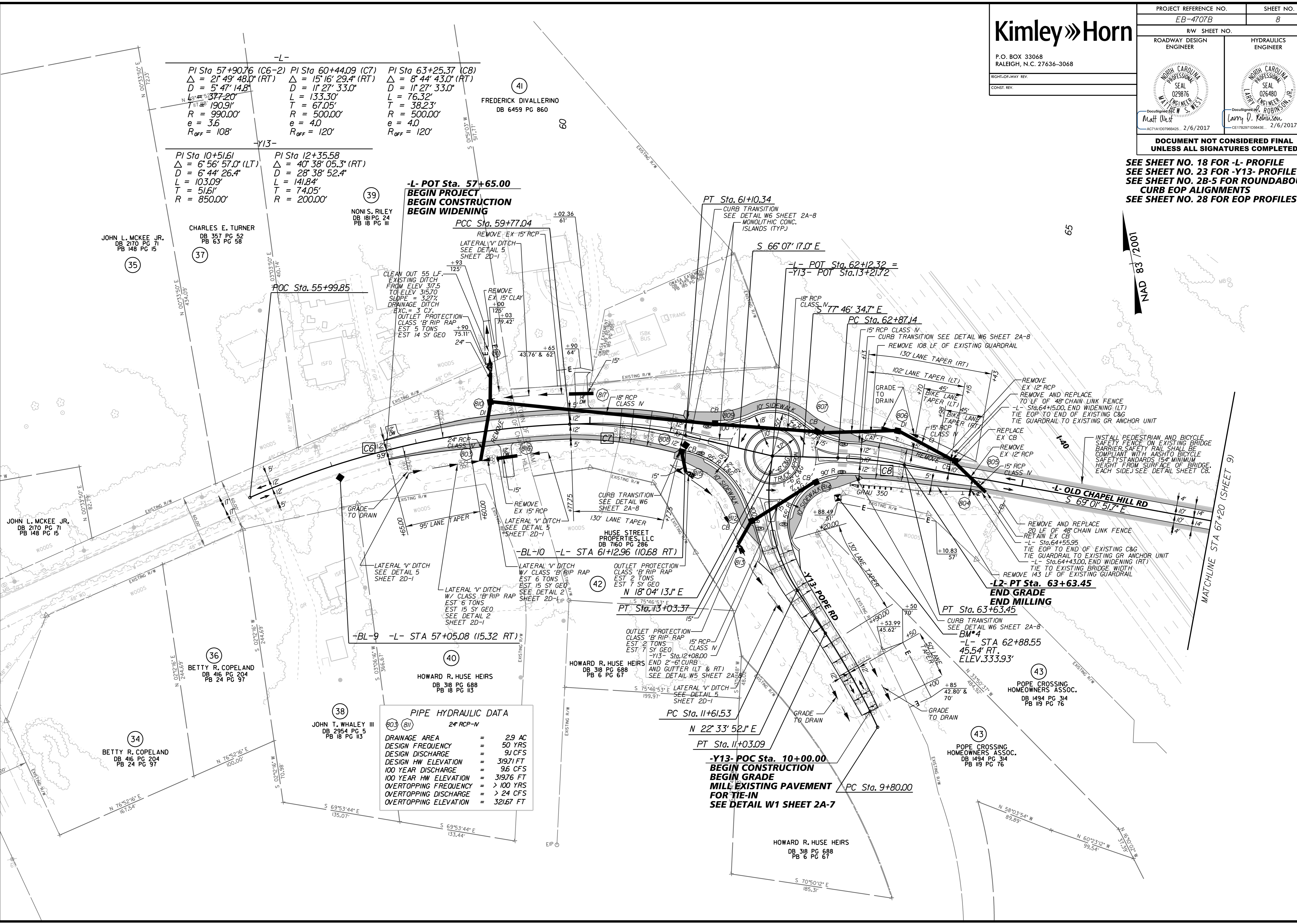


PROJECT REFERENCE NO. EB-4707B	SHEET NO. 8
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	
Disseminated By: Matt West ACT11AD0798425 2/6/2017	Disseminated By: Larry D. Robinson CE17B291D0643E 2/6/2017

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

**SEE SHEET NO. 18 FOR -L- PROFILE
SEE SHEET NO. 23 FOR -Y13- PROFILE
SEE SHEET NO. 28-5 FOR ROUNDABOUT
CURB EOP ALIGNMENTS
SEE SHEET NO. 28 FOR EOP PROFILES**

-L-	-Y13-
PI Sta 57+90.76 (C6-2) Δ = 2° 49' 48.0" (RT) D = 5' 47' 14.8" L = 377.20' T = 190.91' R = 990.00' e = 3.6 R _{OFF} = 108'	PI Sta 60+44.09 (C7) Δ = 15° 16' 29.4" (RT) D = 11' 27' 33.0" L = 133.30' T = 67.05' R = 500.00' e = 4.0 R _{OFF} = 120'
PI Sta 63+25.37 (C8) Δ = 8° 44' 43.0" (RT) D = 11' 27' 33.0" L = 76.32' T = 38.23' R = 500.00' e = 4.0 R _{OFF} = 120'	



PIPE HYDRAULIC DATA

24" RCP-N

DRAINAGE AREA	=	2.9 AC
DESIGN FREQUENCY	=	50 YRS
DESIGN DISCHARGE	=	91 CFS
DESIGN HW ELEVATION	=	319.71 FT
100 YEAR DISCHARGE	=	96 CFS
100 YEAR HW ELEVATION	=	319.76 FT
OVERTOPPING FREQUENCY	=	> 100 YRS
OVERTOPPING DISCHARGE	=	> 24 CFS
OVERTOPPING ELEVATION	=	321.67 FT

\$ FILE\$

2/6/2017

NAD 83 / 2001