

PROJECT REFERENCE NO. U-3109A		SHEET NO. 22	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL 034367	
NORTH CAROLINA PROFESSIONAL ENGINEER MICHAEL BAKER ENGINEERING, INC. 1087011EPTF0435 3/10/2017		NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 26971 SUNGATE DESIGN GROUP, P.A. 915 Jones Franklin Road Raleigh, NC 27609 NC COA No. C-0090 3/10/2017	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

MATCH LINE - SHEET 23
-Y7A- STATION 28+00

PT Sta. 14+22.47
END CONSTRUCTION
-Y9- POC Sta. 12+75.00

PC Sta. 12+09.27
PC Sta. 11+07.8

PT Sta. 17+2.83
PT Sta. 17+12.97 =
-Y7A- POC Sta. 21+03.26

PC Sta. 19+81.58
PT Sta. 16+52.68
Y7B- POT Sta. 16+04.90 =
-DWY4- POT Sta. 10+00.80

PT Sta. 15+27.36
PT Sta. 17+51.08

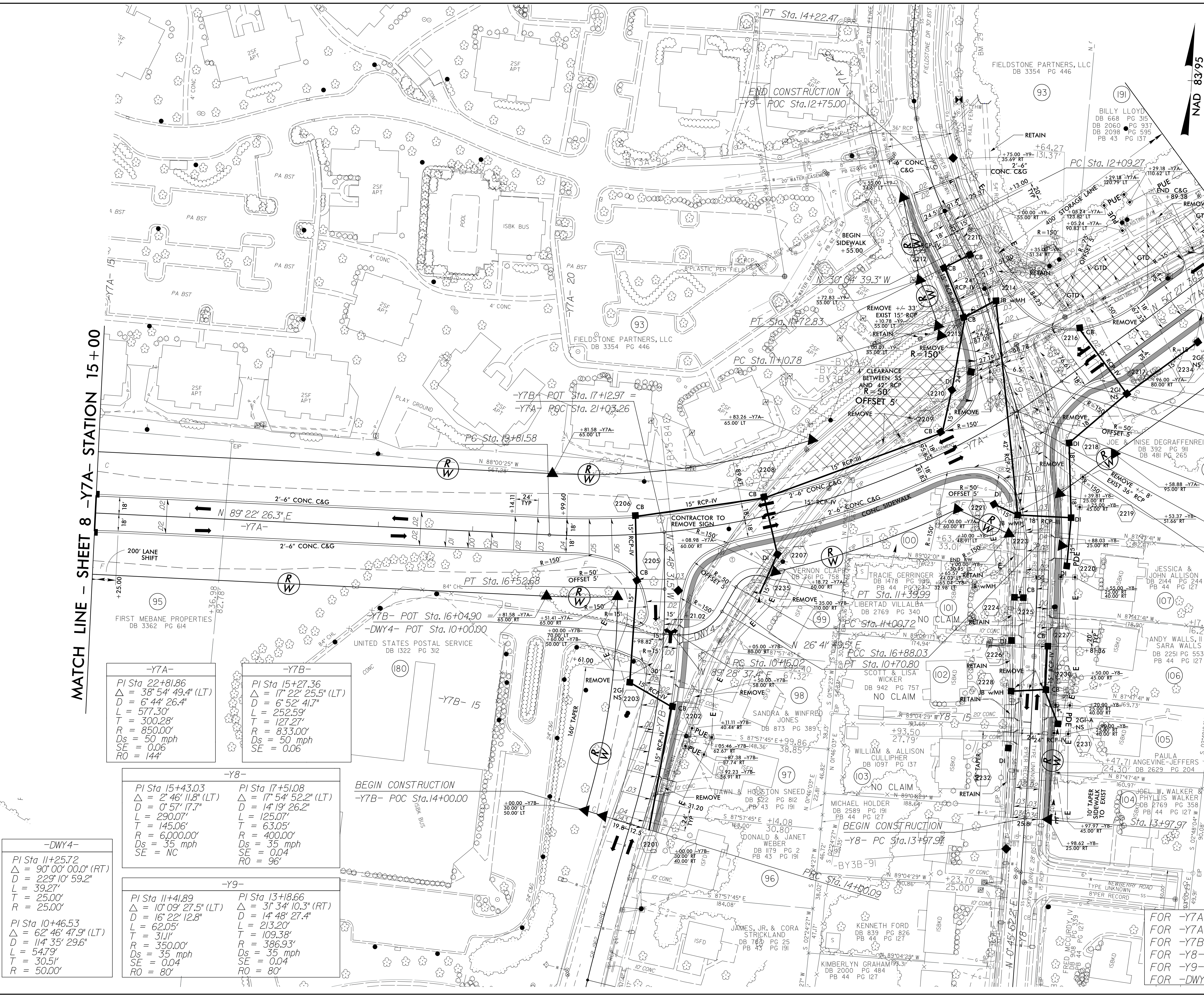
BEGIN CONSTRUCTION
-Y7B- POC Sta. 14+00.00

PT Sta. 10+16.02
PT Sta. 10+70.80
PCC Sta. 16+88.03
PT Sta. 11+39.99
PC Sta. 11+00.72

PT Sta. 18+13.10
PT Sta. 25+58.88
PT Sta. 18+13.10

PT Sta. 10+00.00 =
-Y8- POT Sta. 18+32.11
-Y7A- POC Sta. 25+02.47

PT Sta. 13+97.97
PT Sta. 14+50.09



MATCH LINE - SHEET 8 -Y7A- STATION 15+00

-Y7A-	-Y7B-
PI Sta 22+81.86 Δ = 38° 54' 49.4" (LT) D = 6' 44" 26.4" L = 577.30' T = 300.28' R = 850.00' Ds = 50 mph SE = 0.06 RO = 144'	PI Sta 15+27.36 Δ = 17° 22' 25.5" (LT) D = 6' 52' 41.7" L = 252.59' T = 127.27' R = 833.00' Ds = 50 mph SE = 0.06

-Y8-	-Y9-
PI Sta 15+43.03 Δ = 2° 46' 11.8" (LT) D = 0' 57" 17.7" L = 290.07' T = 145.06' R = 6,000.00' Ds = 35 mph SE = NC	PI Sta 17+51.08 Δ = 17° 54' 52.2" (LT) D = 14' 19" 26.2" L = 125.07' T = 63.05' R = 400.00' Ds = 35 mph SE = 0.04 RO = 96'

-DWY4-
PI Sta 11+25.72 Δ = 90° 00' 00.0" (RT) D = 229' 10" 59.2" L = 39.27' T = 25.00' R = 25.00'
PI Sta 10+46.53 Δ = 62° 46' 47.9" (LT) D = 114' 35" 29.6" L = 54.79' T = 30.51' R = 50.00'

-Y7B-	-Y8-
PI Sta 11+41.89 Δ = 10° 09' 27.5" (LT) D = 16' 22" 12.8" L = 62.05' T = 31.11' R = 350.00' Ds = 35 mph SE = 0.04 RO = 80'	PI Sta 13+8.66 Δ = 31° 34' 10.3" (RT) D = 14' 48" 27.4" L = 213.20' T = 109.38' R = 396.93' Ds = 35 mph SE = 0.04 RO = 80'

FOR -Y7A- DETOUR SEE SHEET 2B-2
FOR -Y7A- PROFILE SEE SHEET 47
FOR -Y7B- PROFILE SEE SHEET 48
FOR -Y8- PROFILE SEE SHEET 48
FOR -Y9- PROFILE SEE SHEET 48
FOR -DWY4- PROFILE SEE SHEET 45

REVISIONS

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