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WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
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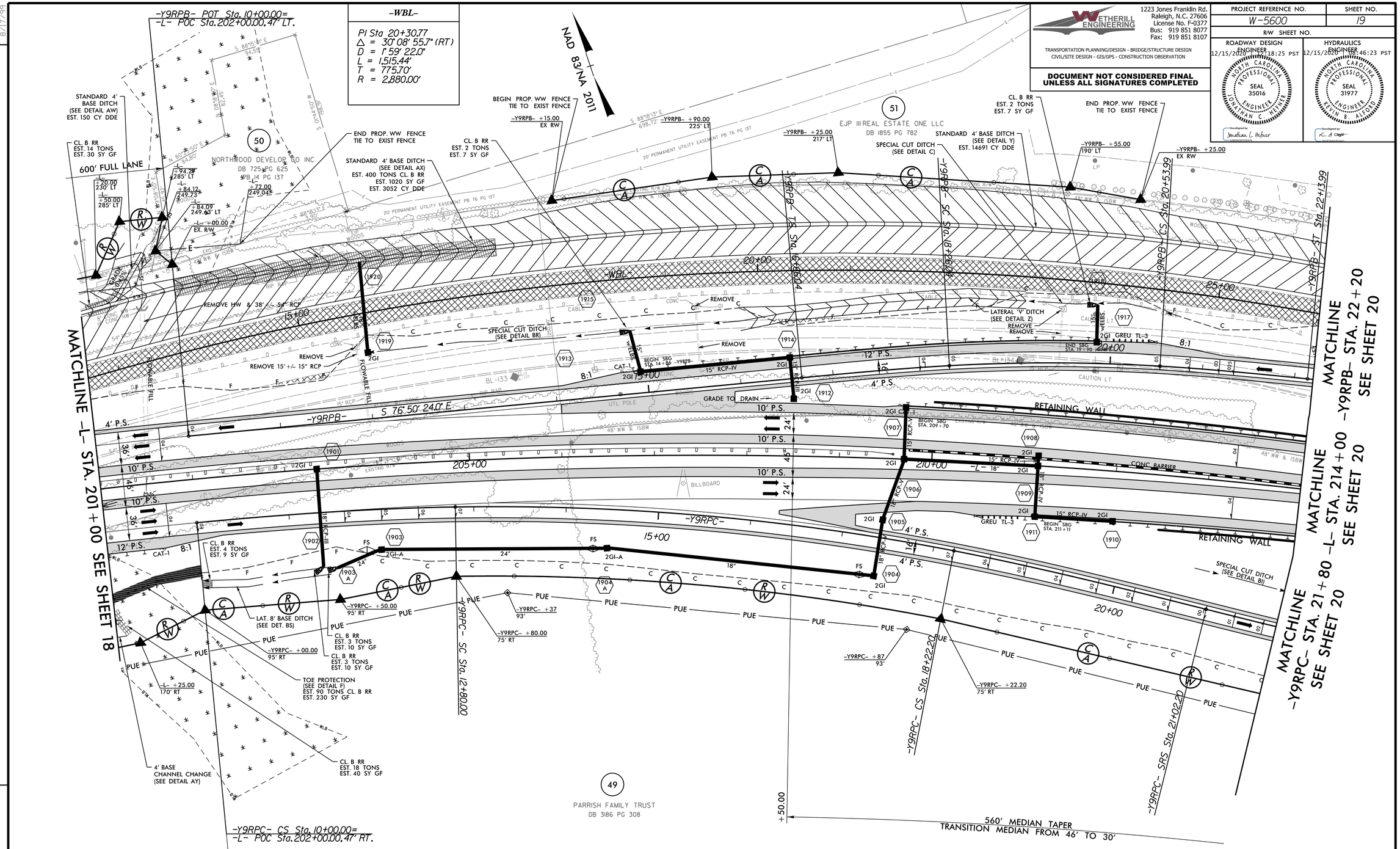
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO.	SHEET NO.
W-5600	19
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
12/15/2020 10:18:25 PST
NORTH CAROLINA PROFESSIONAL SEAL 35016 ENGINEER JONATHAN C. PETRUZ
DocuSigned by: Jonathan C. Petruz

HYDRAULICS ENGINEER
12/15/2020 10:46:23 PST
NORTH CAROLINA PROFESSIONAL SEAL 31977 ENGINEER KEVIN B. ALFORD
DocuSigned by: Kevin B. Alford



-L-	-Y9RPB-			-Y9RPC-			
PI Sta 213+20.68 Δ = 32° 01' 53.3" (RT) D = 0° 59' 16.3" L = 3,242.52' T = 1,664.85' R = 5,800.00' SE = 0.040 FT/FT	PIs Sta 17+72.71 Θs = 2° 17' 30.6" Ls = 160.00' LT = 106.68' ST = 53.34'	PI Sta 19+40.14 Δ = 6° 31' 49.8" (RT) D = 2° 51' 53.2" L = 227.96' T = 114.10' R = 2,000.00' SE = 0.050 FT/FT	PIs Sta 21+07.34 Θs = 2° 17' 30.6" Ls = 160.00' LT = 106.68' ST = 53.34'	PIs Sta 11+57.69 Θs = 1° 23' 38.2" Θs = 3° 05' 07.9" Ls = 280.00' LT = 157.69' ST = 122.45'	PI Sta 15+52.09 Δ = 11° 56' 54.3" (RT) D = 2° 12' 13.3" L = 542.20' T = 272.09' R = 2,600.00' SE = 0.070 FT/FT	PIs Sta 19+15.56 Θs = 3° 05' 06.6" Ls = 280.00' LT = 186.70' ST = 93.36'	PIs Sta 22+08.88 Θs = 2° 17' 30.6" Ls = 160.00' LT = 106.68' ST = 53.34'

FOR -L- PROFILE, SEE SHEET: 34
FOR -Y9RPB- PROFILE, SEE SHEET: 44 & 45
FOR -Y9RPC- PROFILE, SEE SHEET: 45
FOR DRAINAGE DETAILS, SEE SHEETS: 2D-1 THRU 2D-3
FOR PARALLEL ENDWALLS, SEE SHEET: 2C-8 THRU 2C-11

REVISIONS

8/17/99

12/14/2020
W-5600_r-dy_psh_19.dgn
USER: Petruz