

# DETAIL OF -Y5DET- (N. CHURCH ST.)

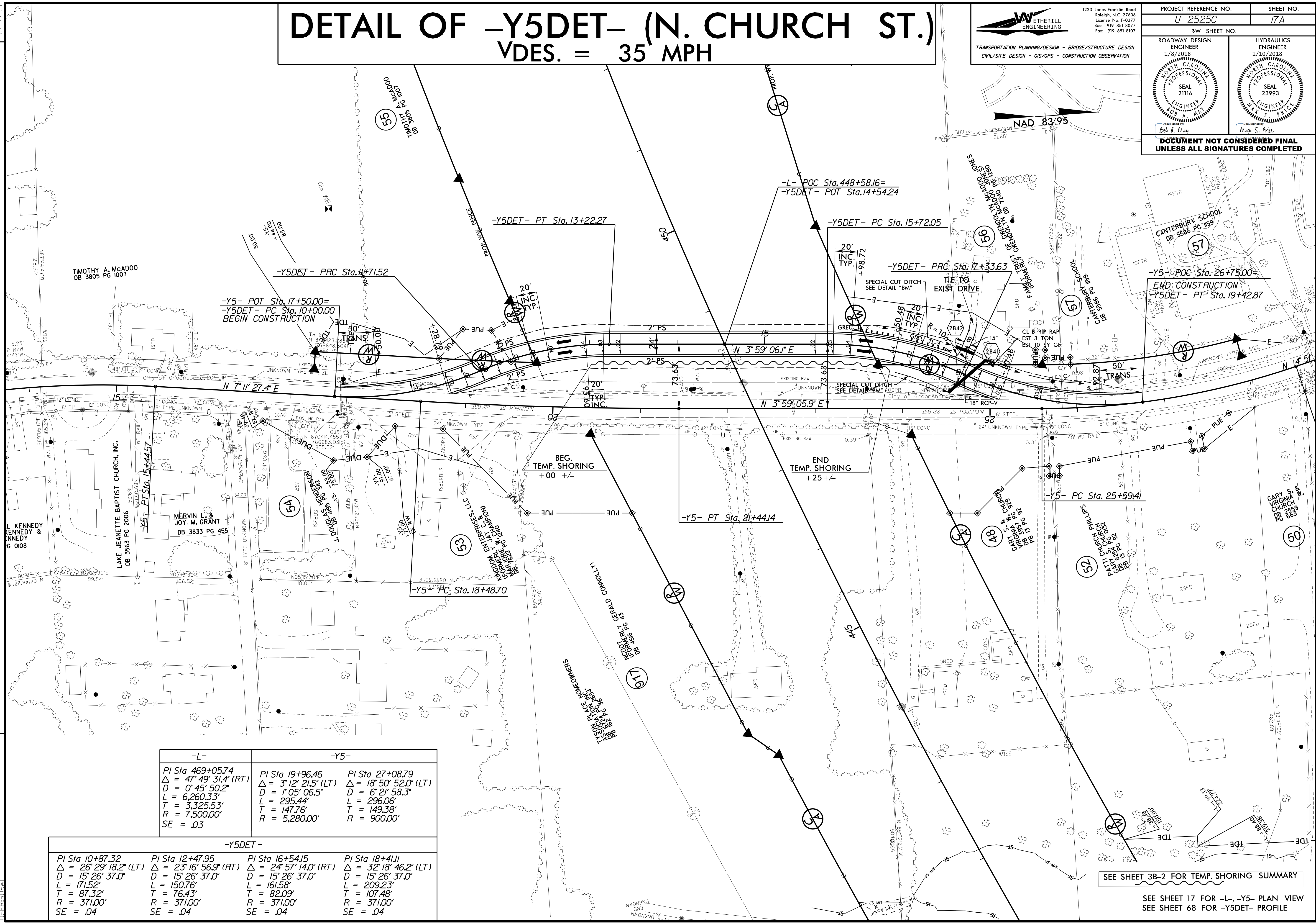
VDES. = 35 MPH

**WETHERILL ENGINEERING**  
 1223 Jones Franklin Road  
 Raleigh, N.C. 27606  
 License No. F-0377  
 Bus: 919 851 8077  
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO. <b>U-2525C</b>	SHEET NO. <b>17A</b>
RW SHEET NO.	HYDRAULICS ENGINEER 1/10/2018
ROADWAY DESIGN ENGINEER 1/8/2018	ENGINEER 1/10/2018
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

REVISIONS



-L-	-Y5-
PI Sta 469+05.74 Δ = 47° 49' 31.4" (RT) D = 0' 45' 50.2" L = 6,260.33' T = 3,325.53' R = 7,500.00' SE = .03	PI Sta 19+96.46 Δ = 3° 12' 21.5" (LT) D = 1' 05' 06.5" L = 295.44' T = 147.76' R = 5,280.00'
	PI Sta 27+08.79 Δ = 18° 50' 52.0" (LT) D = 6' 21' 58.3" L = 296.06' T = 149.38' R = 900.00'

-Y5DET-			
PI Sta 10+87.32 Δ = 26° 29' 18.2" (LT) D = 15' 26' 37.0" L = 171.52' T = 87.32' R = 371.00' SE = .04	PI Sta 12+47.95 Δ = 23° 16' 56.9" (RT) D = 15' 26' 37.0" L = 150.76' T = 76.43' R = 371.00' SE = .04	PI Sta 16+54.15 Δ = 24° 57' 14.0" (RT) D = 15' 26' 37.0" L = 161.58' T = 82.09' R = 371.00' SE = .04	PI Sta 18+41.11 Δ = 32° 18' 46.2" (LT) D = 15' 26' 37.0" L = 209.23' T = 107.48' R = 371.00' SE = .04

SEE SHEET 3B-2 FOR TEMP. SHORING SUMMARY

SEE SHEET 17 FOR -L-, -Y5- PLAN VIEW  
SEE SHEET 68 FOR -Y5DET- PROFILE

12/6/2017 12:52:56 rdy\_psh\_17A.dgn