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8/17/99

PROJECT REFERENCE NO.	SHEET NO.
U-5839	15
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
5/9/2023
NORTH CAROLINA PROFESSIONAL SEAL 046721 ENGINEER CHRISTOPHER D. ANDERSON
DocuSigned by: Chris Anderson 2319

HYDRAULICS ENGINEER
5/9/2023
NORTH CAROLINA PROFESSIONAL SEAL 029984 ENGINEER DAVID P. BOCKER
DocuSigned by: David P. Bocker

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-	-Y21LPD-	-Y21RPD-
PI Sta 65+53.32	PI Sta 18+21.24	PI Sta 16+08.41
Δ = 33° 06' 29.0" (RT)	Δ = 49° 40' 20.7" (RT)	Δ = 38° 00' 01.7" (RT)
D = 4° 01' 04.6"	D = 12° 08' 20.2"	D = 20° 02' 00.6"
L = 824.01'	L = 409.20'	L = 189.68'
T = 423.86'	T = 218.46'	T = 98.48'
R = 1,426.00'	R = 472.00'	R = 286.00'
SE = 05	SE = 06	SE = 05
RO = 78.00'	Vd = 30 MPH	Vd = 35 MPH
Vd = 40 MPH		

DETAIL 15-A
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground, 3:1, D, 6:1 or Flatter, Front Ditch Slope
Min. D=1 Ft.

-Y21LPD- STA. 17+50.00 TO STA. 19+00.00 RT

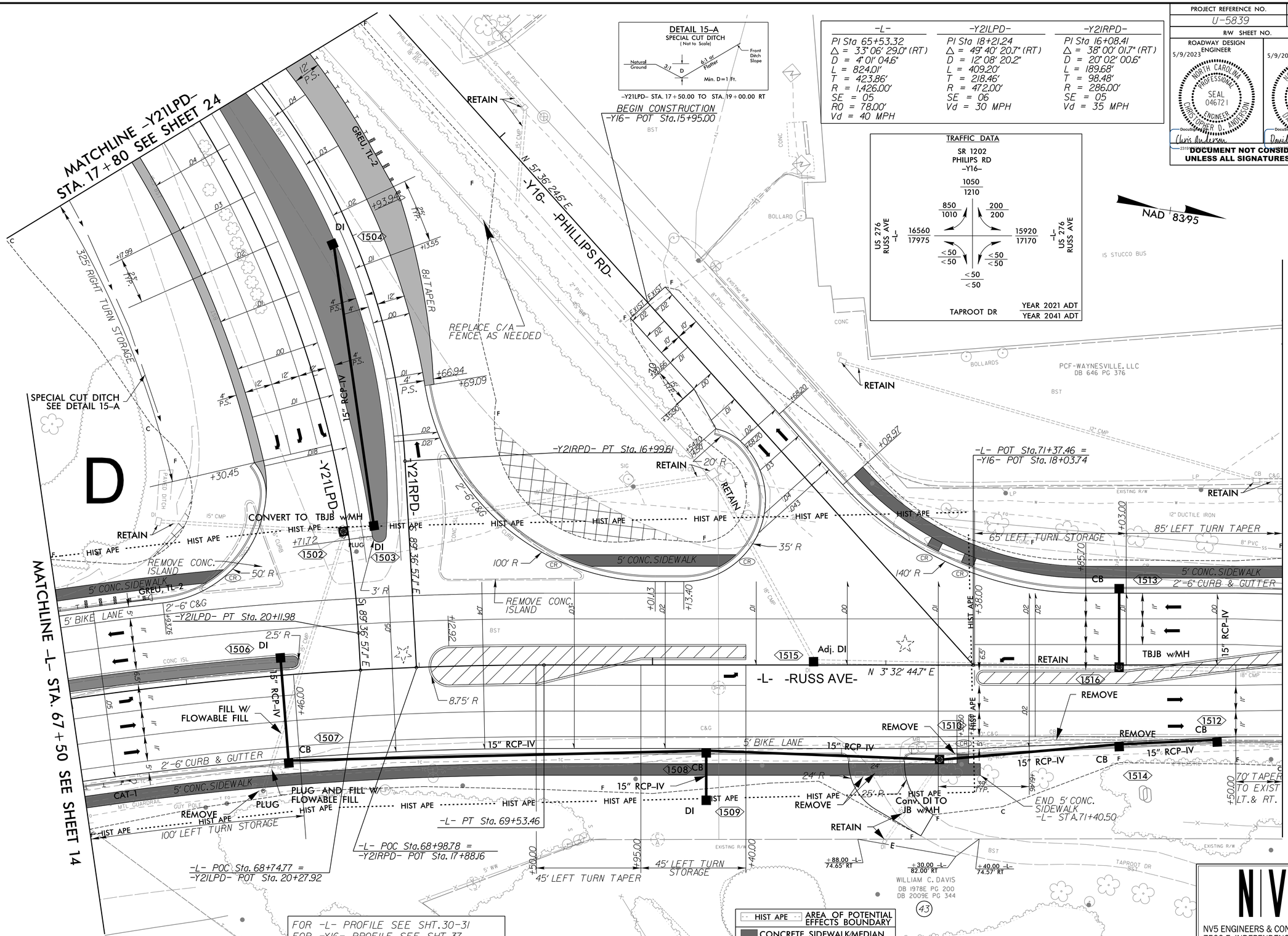
TRAFFIC DATA

SR 1202
PHILIPS RD
-Y16-

	1050 / 1210		
	850 / 1010	200 / 200	
US 276 RUSS AVE -L-	16560 / 17975	15920 / 17170	US 276 RUSS AVE -L-
	<50 / <50	<50 / <50	
	<50 / <50		

TAPROOT DR — YEAR 2021 ADT / YEAR 2041 ADT

NAD 83/95



FOR -L- PROFILE SEE SHT.30-31
FOR -Y16- PROFILE SEE SHT.37
FOR -Y21RPD- PROFILE SEE SHT.39-40
FOR -Y21LPD- PROFILE SEE SHT.40

EXISTING SIGNAL TO BE UPGRADED

HIST APE	AREA OF POTENTIAL EFFECTS BOUNDARY
	CONCRETE SIDEWALK/MEDIAN
	PAVEMENT REMOVAL
	PAVED SHOULDER

2/23/2023
R:\Projects\Proj\U5839_RDY_PSH_15.dgn
Reagan Leathers

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