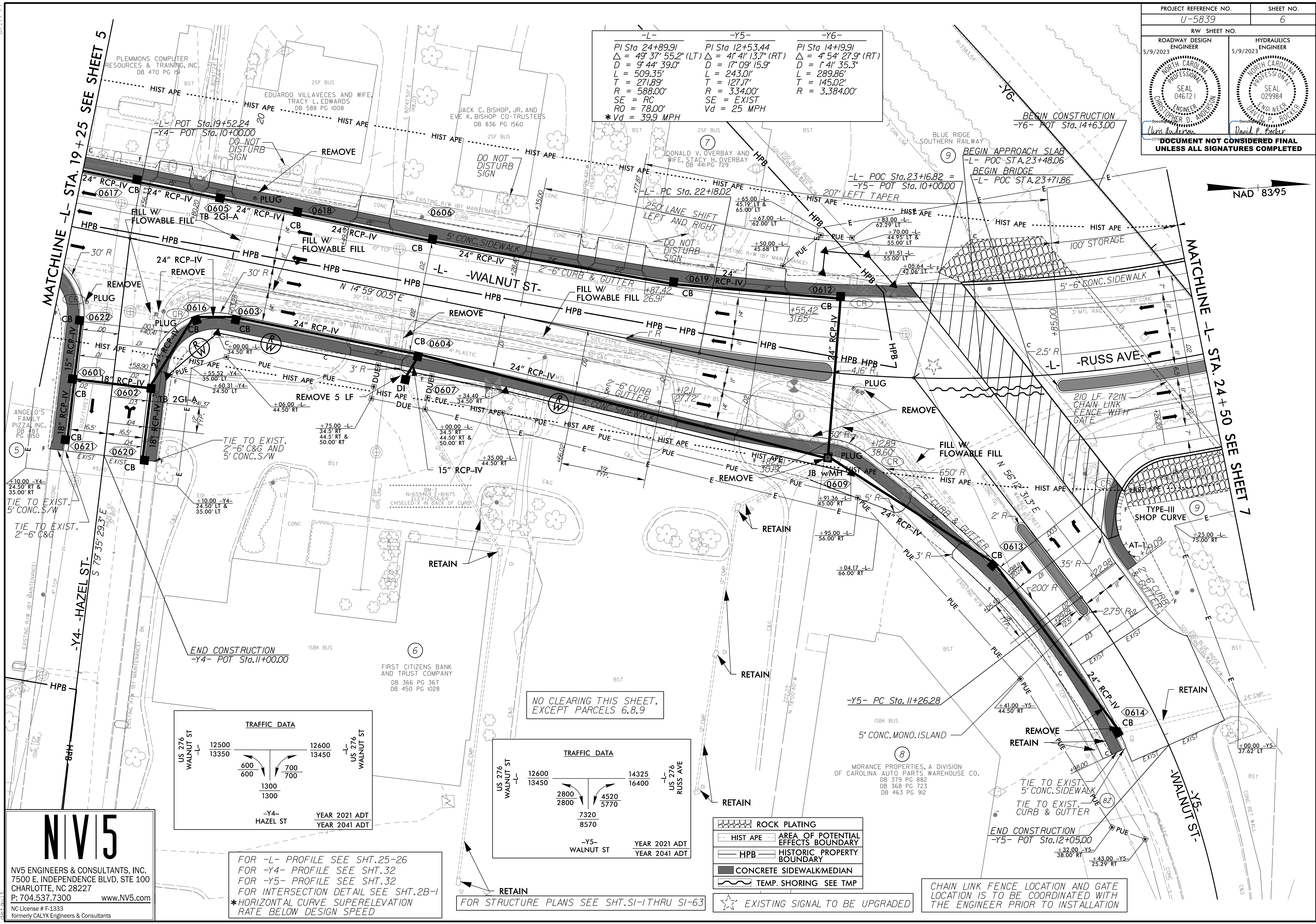


PROJECT REFERENCE NO. U-5839	SHEET NO. 6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 5/9/2023	HYDRAULICS ENGINEER 5/9/2023
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NAD 83/95

-L-	-Y5-	-Y6-
PI Sta 24+89.91	PI Sta 12+53.44	PI Sta 14+19.91
$\Delta = 49^\circ 37' 55.2''$ (LT)	$\Delta = 41^\circ 41' 13.7''$ (RT)	$\Delta = 4^\circ 54' 27.9''$ (RT)
D = 9' 44' 39.0"	D = 17' 09' 15.9"	D = 1' 41' 35.3"
L = 509.35'	L = 243.01'	L = 289.86'
T = 271.89'	T = 127.17'	T = 145.02'
R = 588.00'	R = 334.00'	R = 3,384.00'
SE = RC	SE = EXIST	
RO = 78.00'	Vd = 25 MPH	
*Vd = 39.9 MPH		



NV5
 NV5 ENGINEERS & CONSULTANTS, INC.
 7500 E. INDEPENDENCE BLVD, STE 100
 CHARLOTTE, NC 28227
 P: 704.537.7300 www.NV5.com
 NC License # F-1333
 formerly CALYX Engineers & Consultants

TRAFFIC DATA

US 276 WALNUT ST	12500 13350	12600 13450	US 276 WALNUT ST
	600 600	700 700	
	1300 1300		
	-Y4- HAZEL ST		
	YEAR 2021 ADT YEAR 2041 ADT		

TRAFFIC DATA

US 276 WALNUT ST	12600 13450	14325 16400	US 276 RUSS AVE
	2800 2800	4520 5770	
	7320 8570		
	-Y5- WALNUT ST		
	YEAR 2021 ADT YEAR 2041 ADT		

FOR -L- PROFILE SEE SHT.25-26
 FOR -Y4- PROFILE SEE SHT.32
 FOR -Y5- PROFILE SEE SHT.32
 FOR INTERSECTION DETAIL SEE SHT.2B-1
 *HORIZONTAL CURVE SUPERELEVATION
 RATE BELOW DESIGN SPEED

FOR STRUCTURE PLANS SEE SHT.SI-1 THRU SI-63

- ROCK PLATING
- HIST APE
- HISTORIC PROPERTY BOUNDARY
- CONCRETE SIDEWALK/MEDIAN
- TEMP. SHORING SEE TMP
- EXISTING SIGNAL TO BE UPGRADED

CHAIN LINK FENCE LOCATION AND GATE LOCATION IS TO BE COORDINATED WITH THE ENGINEER PRIOR TO INSTALLATION

NO CLEARING THIS SHEET, EXCEPT PARCELS 6,8,9

8.17.7.99
 4/10/2023
 R:\Roadway\Proj\U5839_RDY_PSH_06.dgn