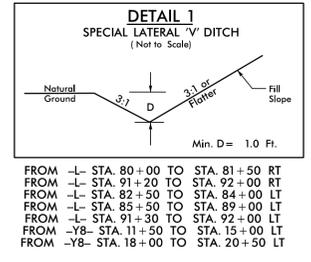


8.17.19

PROJECT REFERENCE NO. W-5704E		SHEET NO. 9	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
3/16/2026		3/16/2026	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
		TGS ENGINEERS 706 HILLSBOROUGH ST., SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275	

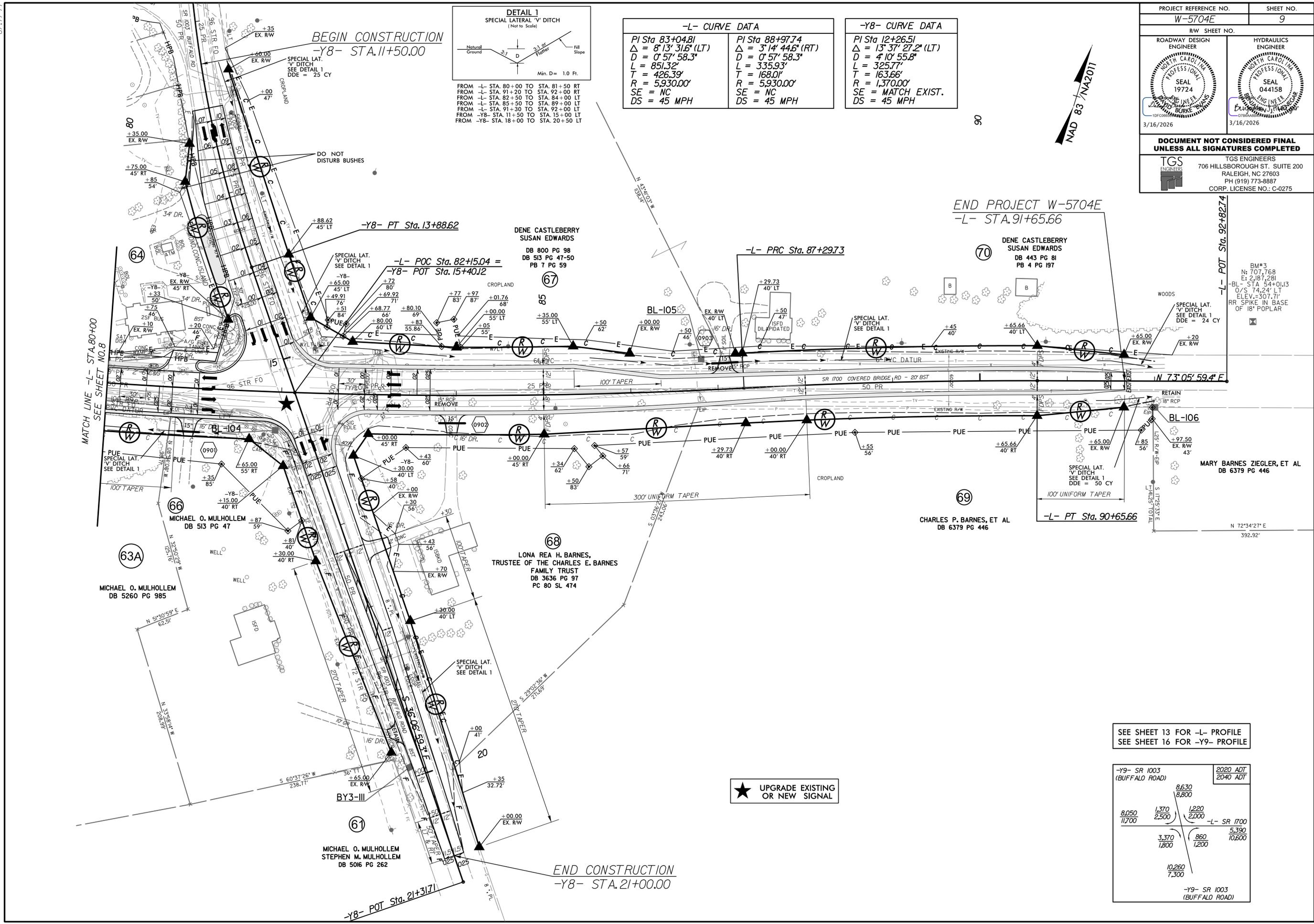


-L- CURVE DATA

PI Sta 83+04.81	PI Sta 88+97.74
$\Delta = 8^{\circ}13'31.6''$ (LT)	$\Delta = 3^{\circ}14'44.6''$ (RT)
$D = 0^{\circ}57'58.3''$	$D = 0^{\circ}57'58.3''$
$L = 851.32'$	$L = 335.93'$
$T = 426.39'$	$T = 168.01'$
$R = 5,930.00'$	$R = 5,930.00'$
SE = NC	SE = NC
DS = 45 MPH	DS = 45 MPH

-Y8- CURVE DATA

PI Sta 12+26.51
$\Delta = 13^{\circ}37'27.2''$ (LT)
$D = 4^{\circ}10'55.8''$
$L = 325.77'$
$T = 163.66'$
$R = 1,370.00'$
SE = MATCH EXIST.
DS = 45 MPH



MATCH LINE -L- STA. 80+00
SEE SHEET NO. 8

-L- POT Sta. 92+182.74

SEE SHEET 13 FOR -L- PROFILE
SEE SHEET 16 FOR -Y9- PROFILE

-Y9- SR 1003 (BUFFALO ROAD)		2020 ADT		2040 ADT	
8,050	1,370	8,630	1,220	8,800	2,500
11,700	2,500	10,260	2,000	10,800	2,500
		-L- SR 1700			
3,370	860	5,390	1,200	10,600	1,800
		-Y9- SR 1003 (BUFFALO ROAD)			
10,260	7,300				

★ UPGRADE EXISTING OR NEW SIGNAL

3/16/2026
 Z:\Projects\W-5704E\roadway\proj\W-5704E_RDY_PSH09.dgn
 User:bevans