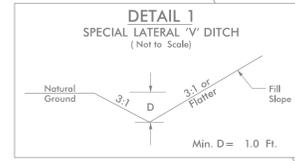


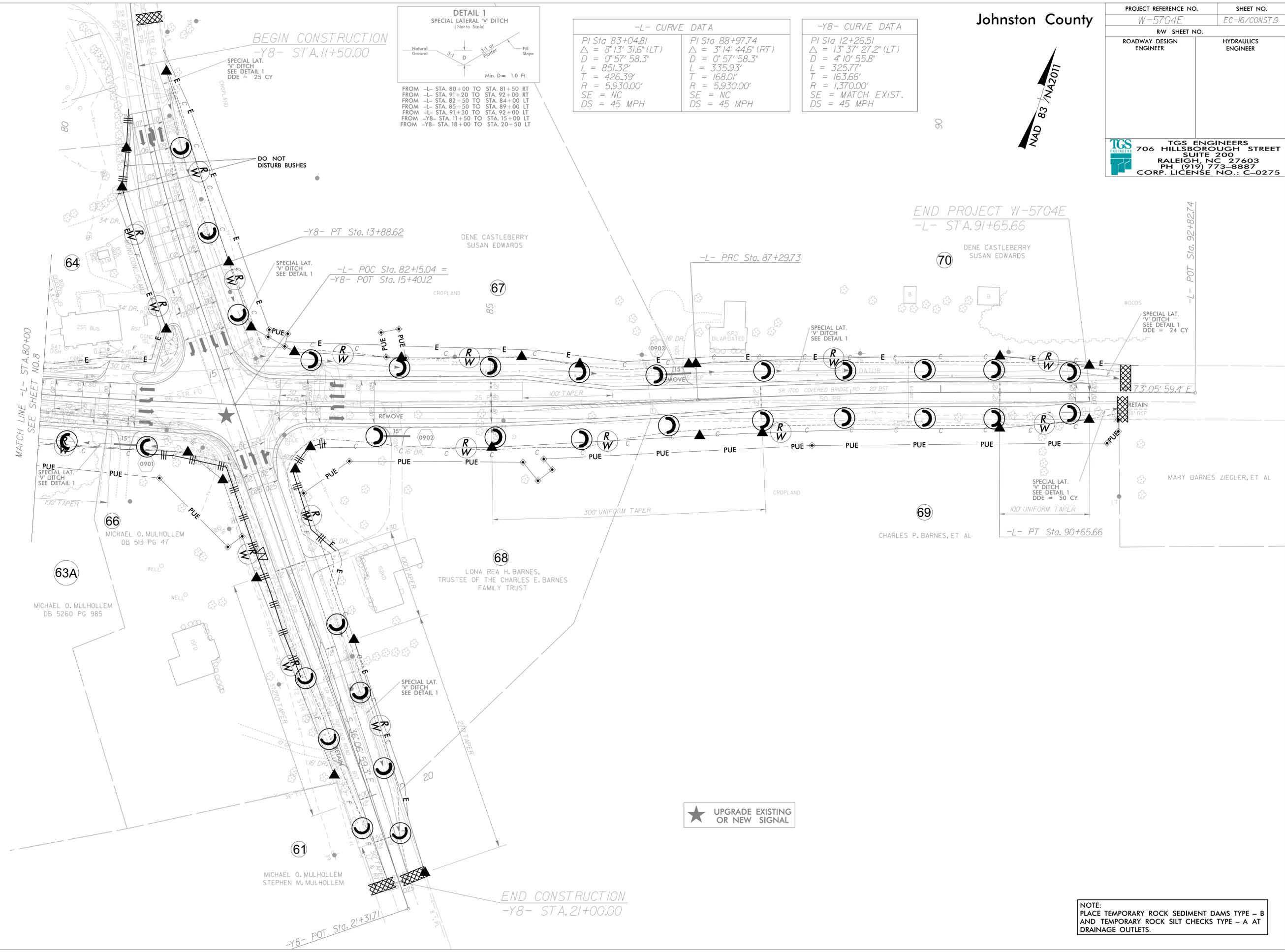
PROJECT REFERENCE NO. W-5704E	SHEET NO. EC-16/CONST.9
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TGS ENGINEERS
 706 HILLSBOROUGH STREET
 SUITE 200
 RALEIGH, NC 27603
 PH (919) 773-8887
 CORP. LICENSE NO.: C-0275



FROM -L- STA. 80+00 TO STA. 81+50 RT	FROM -L- STA. 81+20 TO STA. 82+00 RT	FROM -L- STA. 82+50 TO STA. 84+00 LT	FROM -L- STA. 85+50 TO STA. 89+00 LT	FROM -L- STA. 91+30 TO STA. 92+00 LT	FROM -Y8- STA. 11+50 TO STA. 15+00 LT	FROM -Y8- STA. 18+00 TO STA. 20+50 LT
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-L- CURVE DATA		-Y8- CURVE DATA	
PI Sta 83+04.81	PI Sta 88+97.74	PI Sta 12+26.51	PI Sta 12+26.51
$\Delta = 8^{\circ} 13' 31.6"$ (LT)	$\Delta = 3^{\circ} 14' 44.6"$ (RT)	$\Delta = 13^{\circ} 37' 27.2"$ (LT)	$\Delta = 13^{\circ} 37' 27.2"$ (LT)
$D = 0^{\circ} 57' 58.3"$	$D = 0^{\circ} 57' 58.3"$	$D = 4^{\circ} 10' 55.8"$	$D = 4^{\circ} 10' 55.8"$
$L = 851.32'$	$L = 335.93'$	$L = 325.77'$	$L = 325.77'$
$T = 426.39'$	$T = 168.01'$	$T = 163.66'$	$T = 163.66'$
$R = 5,930.00'$	$R = 5,930.00'$	$R = 1,370.00'$	$R = 1,370.00'$
SE = NC	SE = NC	SE = MATCH EXIST.	SE = MATCH EXIST.
DS = 45 MPH	DS = 45 MPH	DS = 45 MPH	DS = 45 MPH



★ UPGRADE EXISTING OR NEW SIGNAL

NOTE:
 PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
 AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
 DRAINAGE OUTLETS.