

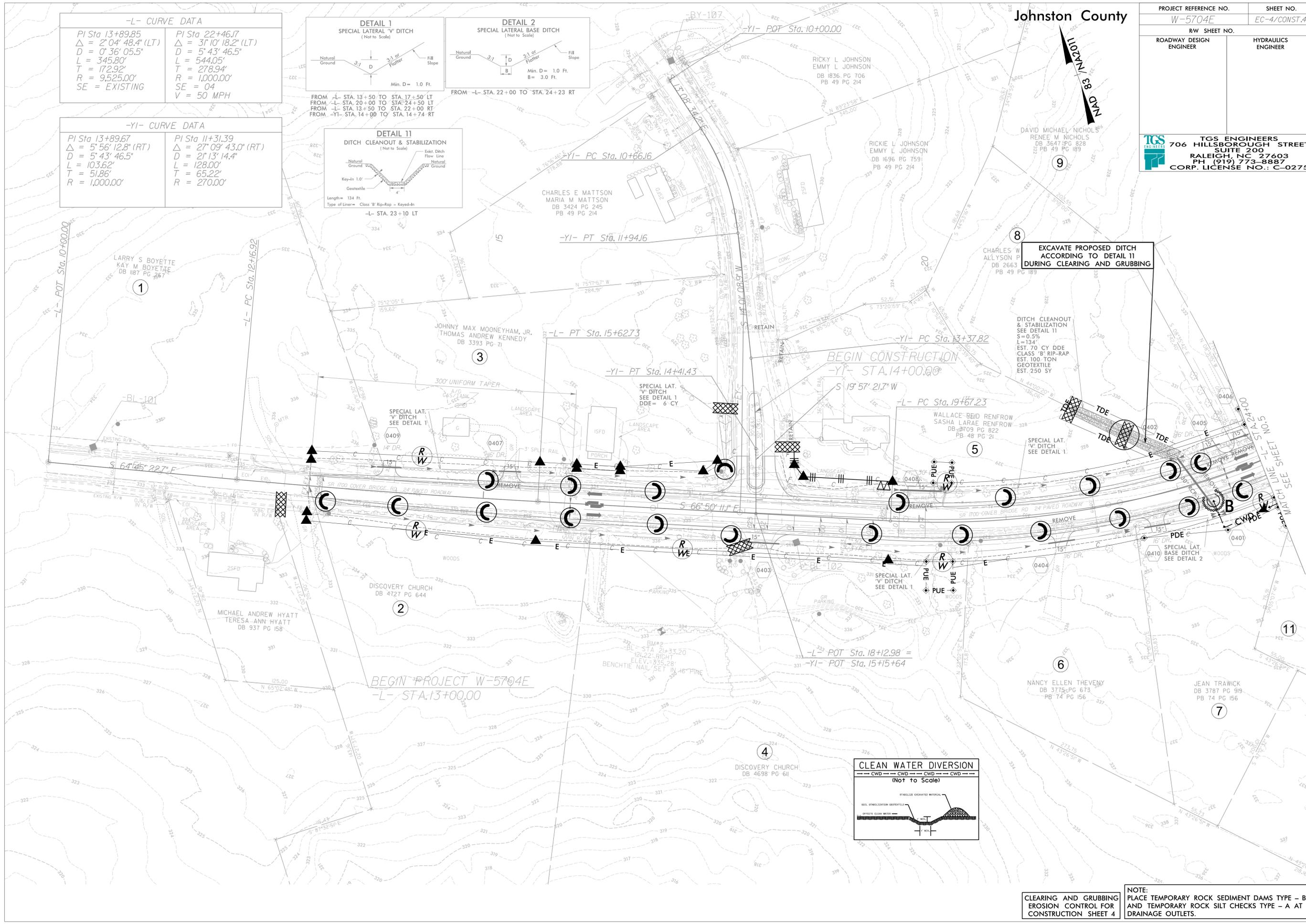
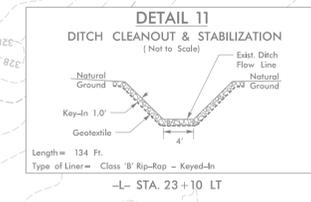
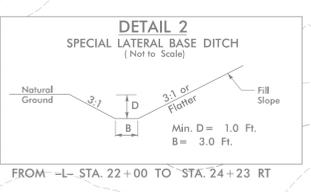
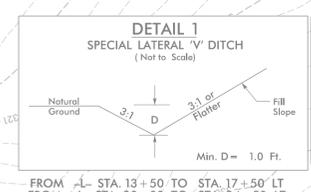
PROJECT REFERENCE NO. W-5704E	SHEET NO. EC-4/CONST.4
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 TGS ENGINEERS 706 HILLSBOROUGH STREET SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275	

-L- CURVE DATA

PI Sta 13+89.85 Δ = 2° 04' 48.4" (LT) D = 5' 36" 05.5" L = 345.80' T = 172.92' R = 9,525.00' SE = EXISTING	PI Sta 22+46.17 Δ = 3° 10' 18.2" (LT) D = 5' 43' 46.5" L = 544.05' T = 278.94' R = 1,000.00' V = 50 MPH
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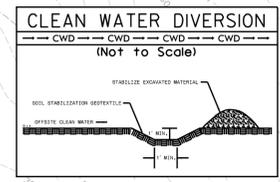
-YI- CURVE DATA

PI Sta 13+89.67 Δ = 5° 56' 12.8" (RT) D = 5' 43' 46.5" L = 103.62' T = 51.86' R = 1,000.00'	PI Sta 11+31.39 Δ = 2° 09' 43.0" (RT) D = 2' 13' 14.4" L = 128.00' T = 65.22' R = 270.00'
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EXCAVATE PROPOSED DITCH ACCORDING TO DETAIL 11 DURING CLEARING AND GRUBBING

DITCH CLEANOUT & STABILIZATION SEE DETAIL 11
S = 0.5%
L = 134'
EST. 70 CY DDE
CLASS 'B' RIP-RAP
EST. 100 TON
GEOTEXTILE
EST. 250 SY



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