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Cherokee County Bridge #190182

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.205	EC-6/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

NAD 83/2011

For Slopes Excavated Greater Than 10 feet Install Matting for Erosion Control on Entire Slope as Work Allows.

INSTALL MATTING IN THE PROPOSED DITCH LINE
-L- STA 15+83 TO 16+34 LT
EST. 30 SY

-L- CURVE DATA

PI Sta 13+59.30	PI Sta 15+75.14	PI Sta 17+98.03
Δ = 2° 03' 46.2" (RT)	Δ = 79° 00' 27.6" (RT)	Δ = 33° 55' 01.8" (LT)
D = 28° 38' 52.4"	D = 35° 48' 35.5"	D = 13° 01' 18.4"
L = 7.20'	L = 220.63'	L = 260.47'
T = 3.60'	T = 131.91'	T = 134.17'
R = 200.00'	R = 160.00'	R = 440.00'
	SE = 0.04	SE = NC
	DS = 25 MPH	DS = 30 MPH

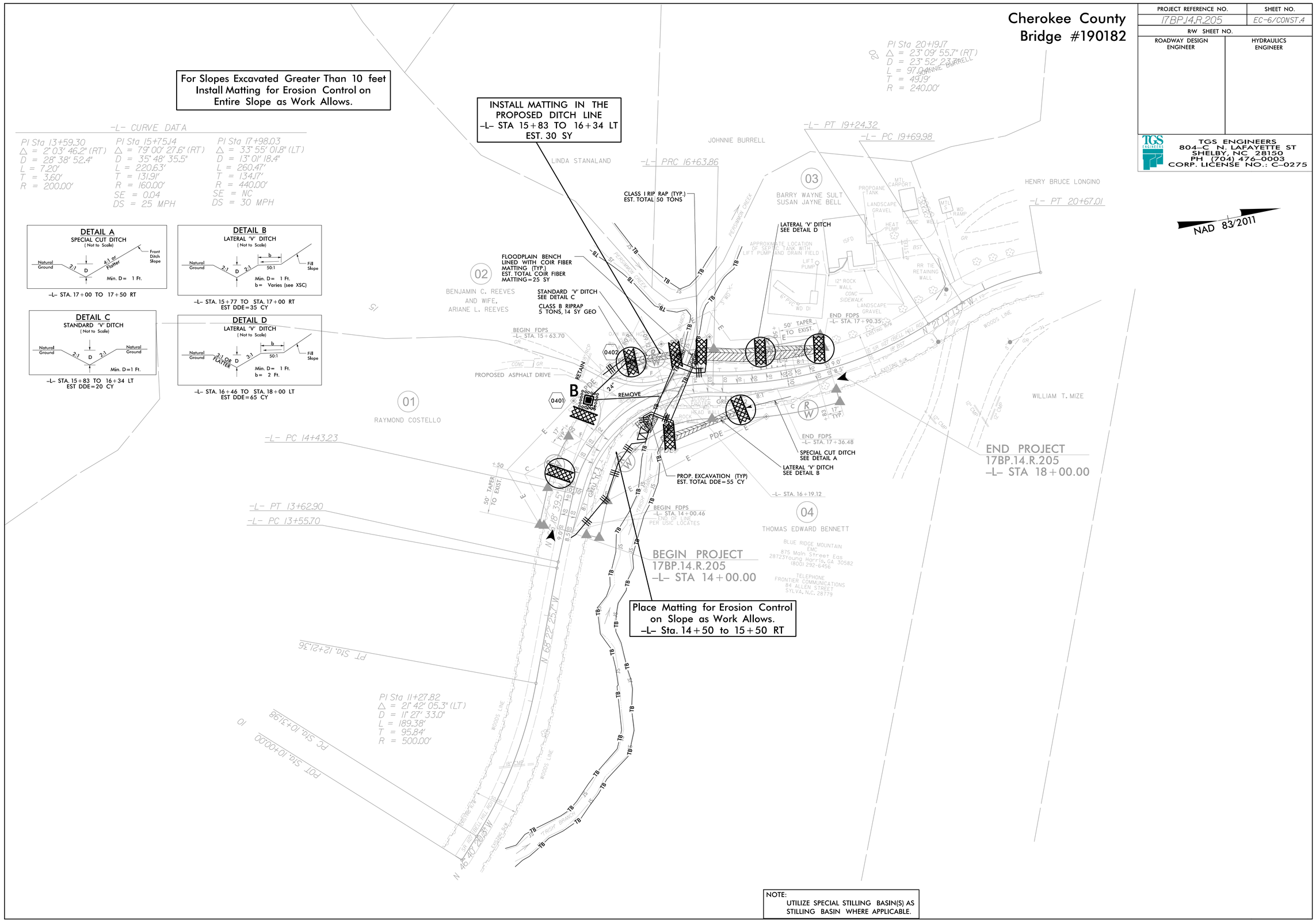
PI Sta 20+19.17
Δ = 23° 09' 55.7" (RT)
D = 23° 52' 23.2"
L = 97.04'
T = 49.19'
R = 240.00'

-L- STA. 17+00 TO 17+50 RT

-L- STA. 15+77 TO STA. 17+00 RT
EST DDE=35 CY

-L- STA. 15+83 TO 16+34 LT
EST DDE=20 CY

-L- STA. 16+46 TO STA. 18+00 LT
EST DDE=65 CY



NOTE:
UTILIZE SPECIAL STILLING BASIN(S) AS STILLING BASIN WHERE APPLICABLE.