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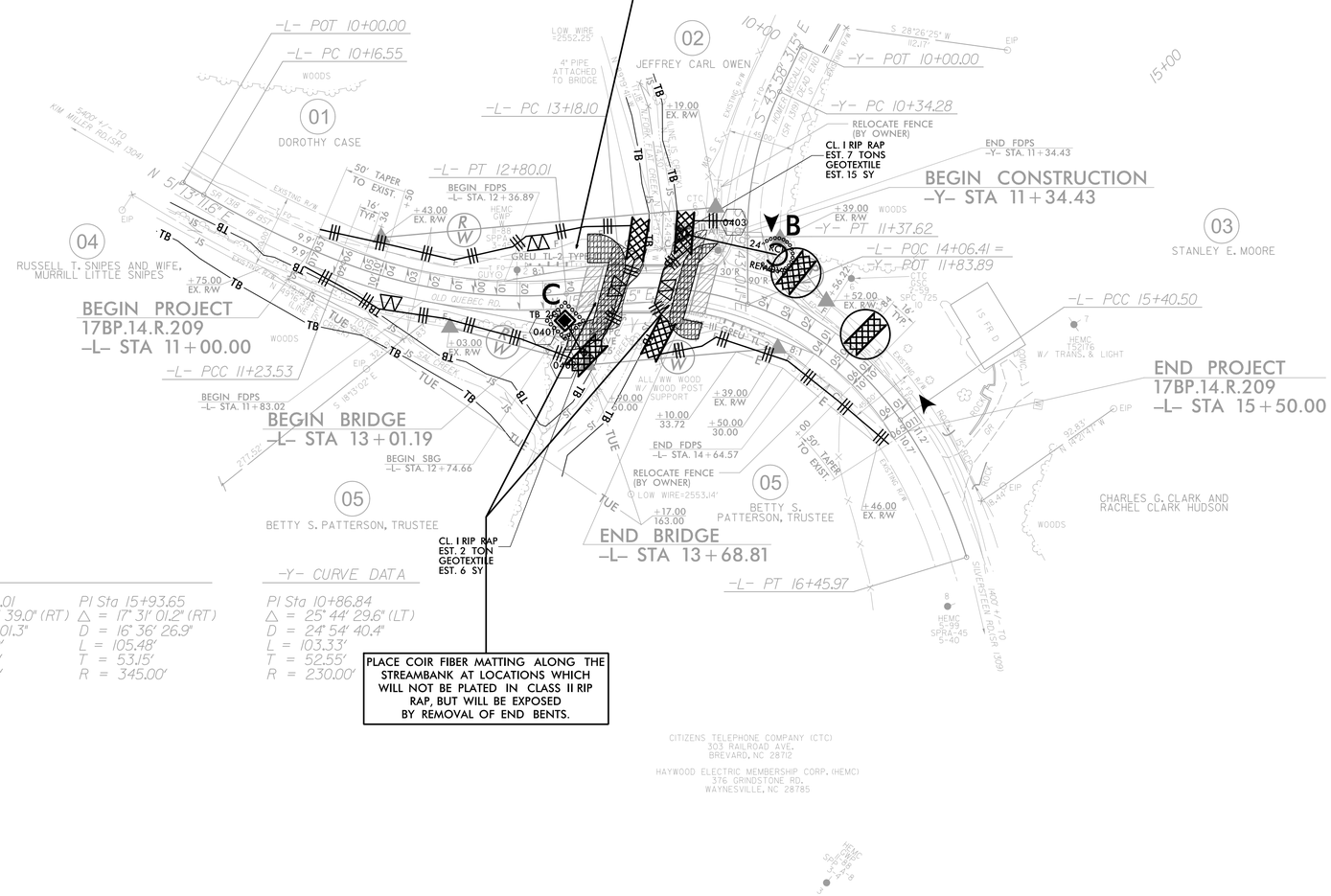
Transylvania County
Bridge #870029

NAD 83/2011

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.209	EC-5/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

Place Matting for Erosion Control on Slope as Work Allows.
-L- Sta. 12+50 to 13+01 LT



-L- CURVE DATA

PI Sta 10+70.16	PI Sta 12+03.18	PI Sta 14+41.01	PI Sta 15+93.65
Δ = 9° 25' 49.4" (LT)	Δ = 26° 22' 08.6" (LT)	Δ = 60° 40' 39.0" (RT)	Δ = 17° 31' 01.2" (RT)
D = 8° 48' 53.0"	D = 16° 51' 06.1"	D = 27° 17' 01.3"	D = 16° 36' 26.9"
L = 106.98'	L = 156.48'	L = 222.39'	L = 105.48'
T = 53.61'	T = 79.65'	T = 122.90'	T = 53.15'
R = 650.00'	R = 340.00'	R = 210.00'	R = 345.00'

-Y- CURVE DATA

PI Sta 10+86.84
Δ = 25° 44' 29.6" (LT)
D = 24° 54' 40.4"
L = 103.33'
T = 52.55'
R = 230.00'

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