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8/17/99

REVISIONS

MACON COUNTY
BRIDGE #550180

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.208	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 035147 ENGINEERING JIMMY L. TERRY 10/20/2021

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 038697 ENGINEERING DAVID B. PETTY 10/20/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

BRIDGE/ROADWAY RELATIONSHIP SKETCH

FOR STRUCTURE PLANS, SEE SHEET S-1 THRU S-32

-L- CURVE DATA

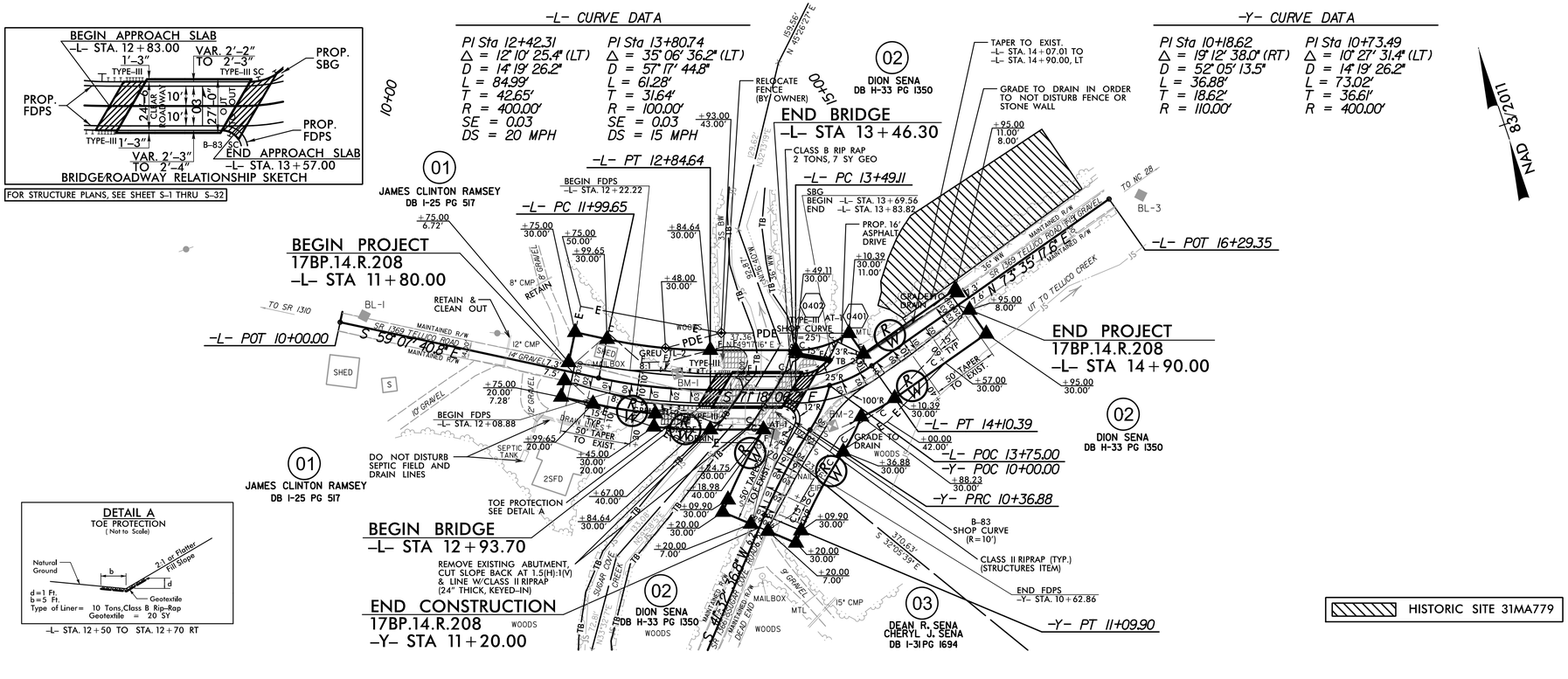
PI Sta 12+42.31
△ = 12° 10' 25.4" (LT)
D = 14° 19' 26.2"
L = 84.99'
T = 42.65'
R = 400.00'
SE = 0.03
DS = 20 MPH

PI Sta 13+80.74
△ = 35° 06' 36.2" (LT)
D = 57° 17' 44.8"
L = 61.28'
T = 31.64'
R = 100.00'
SE = 0.03
DS = 15 MPH

-Y- CURVE DATA

PI Sta 10+18.62
△ = 19° 12' 38.0" (RT)
D = 52° 05' 13.5"
L = 36.88'
T = 18.62'
R = 110.00'

PI Sta 10+73.49
△ = 10° 27' 31.4" (LT)
D = 14° 19' 26.2"
L = 73.02'
T = 36.61'
R = 400.00'


NAD 83/2011
10+00
15+00
01
JAMES CLINTON RAMSEY
DB I-25 PG 517
02
DION SENA
DB H-33 PG 1350
03
DEAN R. SENA
CHERYL J. SENA
DB I-31 PG 1694
BEGIN PROJECT
17BP.14.R.208
-L- STA 11+80.00
-L- POT 10+00.00
-L- PC 11+99.65
-L- PT 12+84.64
BEGIN FDPS
-L- STA. 12+22.22
BEGIN FDPS
-L- STA. 12+08.88
RETAIN & CLEAN OUT
DO NOT DISTURB SEPTIC FIELD AND DRAIN LINES
TOE PROTECTION SEE DETAIL A
BEGIN BRIDGE
-L- STA 12+93.70
REMOVE EXISTING ABUTMENT, CUT SLOPE BACK AT 1.5(H):1(V) & LINE W/CLASS II RIPRAP (24" THICK, KEYED-IN)
END CONSTRUCTION
17BP.14.R.208
-Y- STA 11+20.00
RELOCATE FENCE (BY OWNER)
END BRIDGE
-L- STA 13+46.30
CLASS B RIP RAP 2 TONS, 7 SY GEO
-L- PC 13+49.11
BEGIN -L- STA. 13+69.56
END -L- STA. 13+83.82
PROP. 16' ASPHALT DRIVE
TAPER TO EXIST. -L- STA. 14+07.01 TO -L- STA. 14+90.00, LT
GRADE TO DRAIN IN ORDER TO NOT DISTURB FENCE OR STONE WALL
END PROJECT
17BP.14.R.208
-L- STA 14+90.00
-L- PT 14+10.39
-L- POC 13+75.00
-Y- POC 10+00.00
-Y- PRC 10+36.88
B-83 SHOP CURVE (R=10')
CLASS II RIPRAP (TYP.) (STRUCTURES ITEM)
END FDPS
-Y- STA. 10+62.86
-Y- PT 11+09.90
-L- POT 16+29.35
TO SR 1310
TO NC 22
BL-1
BL-3
SR 1369 TELLICO ROAD
UT TO TELLICO CREEK
SHED
SEPTIC TANK
2SFD
MAILBOX
WOODS
GRAVEL
12" CMP
15" CMP
8" CMP
S 59°07'40" E
S 43°37'10" E
N 73°35'17" E
S 32°05'39" E
N 45°26'27" E
N 33°12'51" E
N 26°49'09" E
N 26°49'09" E
N 26°49'09