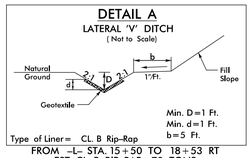
Surry County Bridge #850129

PROJECT REFERENCE NO.	SHEET NO.
17BP.11.R.151	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

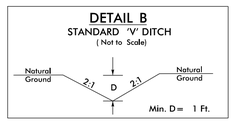
NAD 83/2011

DETAIL A
LATERAL 'V' DITCH
(Not to Scale)



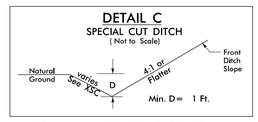
FROM -L- STA. 15+50 TO 18+53 RT
EST. CL. B RIP RAP=70 TONS
EST. GEOTEXTILE=160 SY
DDE = EST. 310 CY

DETAIL B
STANDARD 'V' DITCH
(Not to Scale)



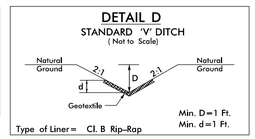
FROM -L- STA. 19+52 TO 20+00 LT
DDE = EST. 100 CY

DETAIL C
SPECIAL CUT DITCH
(Not to Scale)



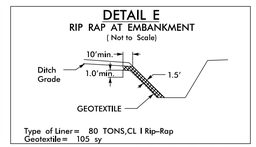
FROM -L- STA. 20+00 TO 21+50 LT
FROM -L- STA. 23+50 TO 24+60 LT,
FROM -L- STA. 20+00 TO 21+50 RT

DETAIL D
STANDARD 'V' DITCH
(Not to Scale)



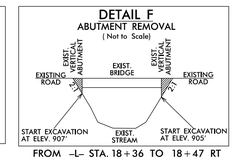
FROM -L- STA. 19+42 TO 20+00 RT
EST. CL. B RIP RAP = 16 TONS
EST. GEOTEXTILE = 36 SY
DDE= EST. 40 CY

DETAIL E
RIP RAP AT EMBANKMENT
(Not to Scale)

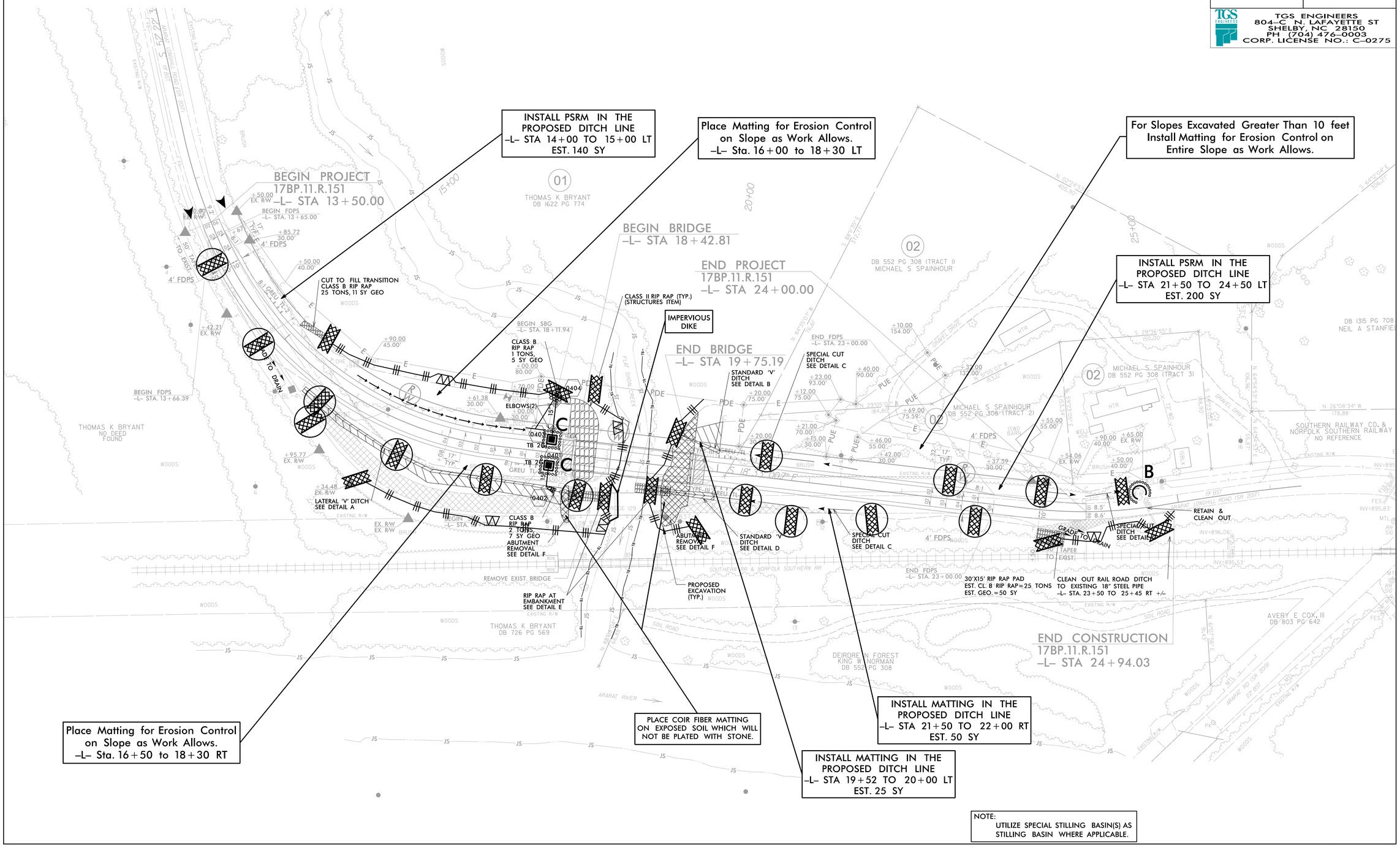


FROM -L- STA 18+43 TO 18+83 RT
FROM -L- STA 19+14 TO 19+52 RT

DETAIL F
ABUTMENT REMOVAL
(Not to Scale)



FROM -L- STA. 18+36 TO 18+47 RT
AND -L- STA. 19+42 TO 19+72



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