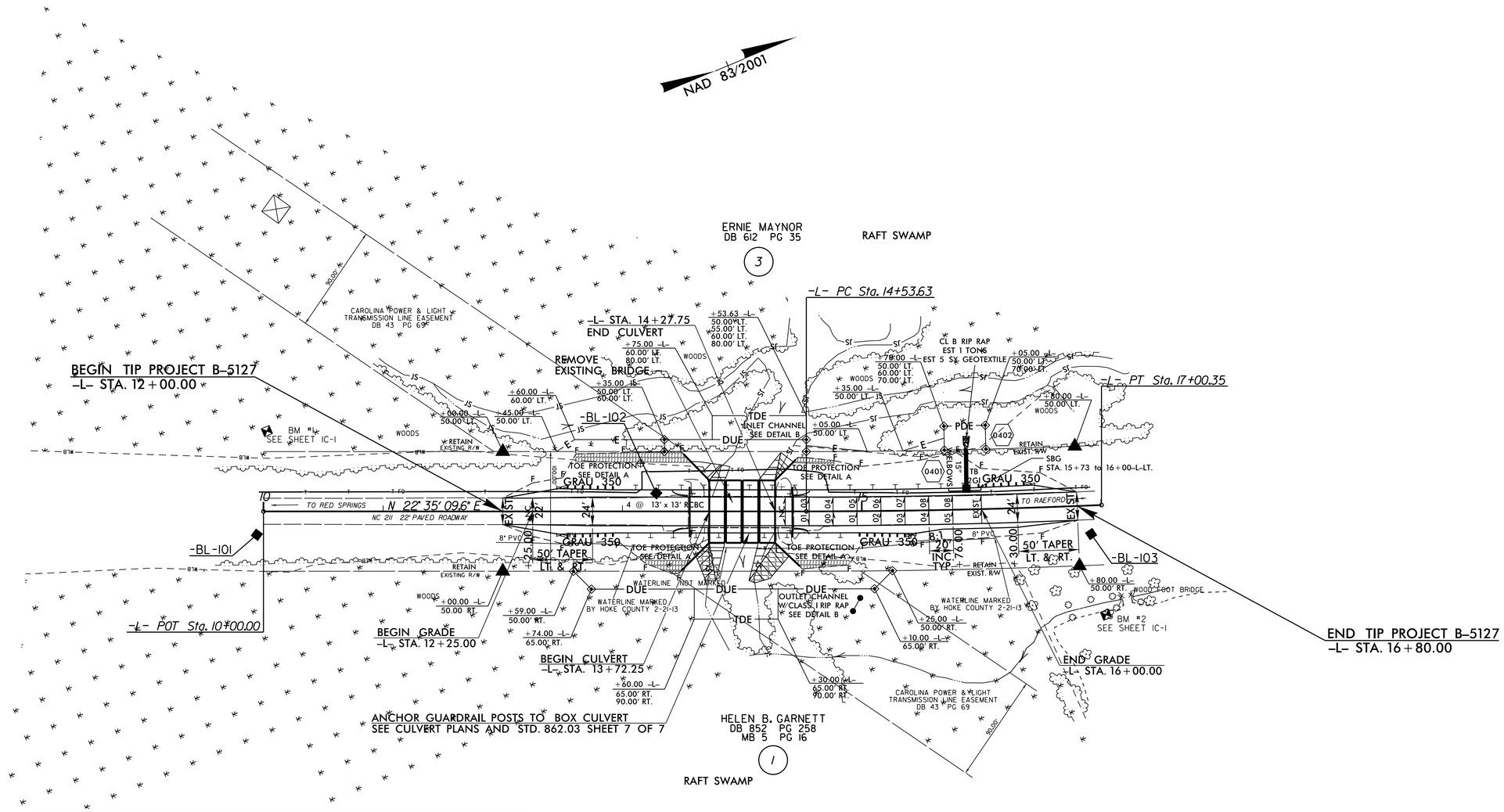
PROJECT REFERENCE NO.	SHEET NO.
B-5127	4
R/W SHEET NO.	

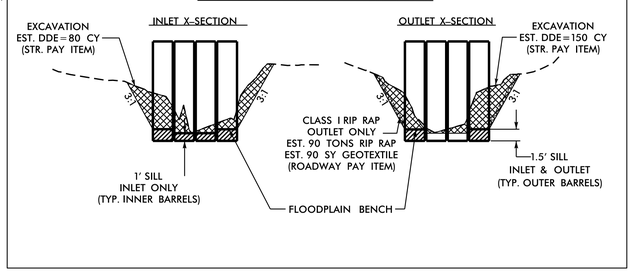
ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER DANIEL W. GARDNER JR.
12/17/2019
DocuSigned by: Daniel W. Gardner, Jr.

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 022000 ENGINEER GALEN CAIL
12/17/2019
DocuSigned by: Galen Cail

-L-
PI Sta 15+77.01
△ = 2° 28' 01.9" (LT)
D = 1° 00' 00.0"
L = 246.72'
T = 123.38'
R = 5,729.58'
SE = SEE PLANS

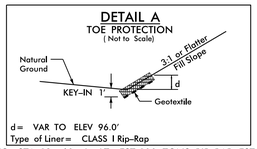


INLET/OUTLET CHANNEL DETAIL B



NOTE: PLACE PSRM ON SIDE SLOPES STA 13+50 TO 14+50 -L- LT & RT EST 300 SY

DETAIL A
TOE PROTECTION
(Not to Scale)



d = VAR TO ELEV 96.0'
Type of Liner = CLASS I Rip-Rap

FROM STA. 12+60 TO STA. 13+60 -L- LT EST 100 TONS RIP RAP; EST 100 SY GEOTEXTILE
FROM STA. 13+20 TO STA. 13+60 -L- RT; EST 30 TONS RIP RAP; EST 35 SY GEOTEXTILE
FROM STA. 14+40 TO STA. 14+75 -L- LT; EST 20 TONS RIP RAP; EST 20 SY GEOTEXTILE
FROM STA. 14+40 TO STA. 14+90 -L- RT; EST 30 TONS RIP RAP; EST 35 SY GEOTEXTILE

NOTE: SBG = SHOULDER BERM GUTTER
PSRM = PERMANENT SOIL REINFORCEMENT MAT

SEE SHEET 5 FOR -L- PROFILE
SEE SHEETS S-1 THRU S-4 FOR STRUCTURE PLANS
SEE SHEETS C-1 THRU C-8 FOR CULVERT PLANS

5/14/99

01-DEC-2014 08:56
H:\Roadway\Proj\b5127_rdy_psh.dgn
$$$$USERNAME$$$$