DocuSign Envelope ID: 1F20A70B-F53E-4DE0-8562-9B488537EA32

5/28/99

BM #15 ELEVATION = 858.80'
N = 869765 E = 1749815
-L- STATION 452+71.535' RIGHT
R/R SPIKE SET IN 30" OAK

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PLANS PREPARED BY :
PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

PROJECT REFERENCE NO.	SHEET NO.
U-2524D	21

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 37874 ENGINEER TIMOTHY D. COLLINS

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 15764 ENGINEER MICHAEL T. LADD

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-Y6-

BEGIN GRADE
STA. 17+00.00 -Y6-
EL = 850.69

℄ -Y6A-

BEGIN BRIDGE
STA. 24+10.12 -Y6-

℄ -L-

EXISTING GROUND

+1.5800%

+2.0286%

-0.8644%

PROPOSED GRADE

PROPOSED BRIDGE

PI = 19+00.00
EL = 853.85'
VC = 110'
K = 245
DS = 80 MPH

PI = 22+00.00
EL = 859.94'
VC = 250'
K = 86
DS = 50 MPH

POS STA. 447+12.23 -L- =
POT STA. 25+18.62 -Y6-

890 880 870 860 850 840 830 820 810

12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

BM #14 ELEVATION = 838.41'
N = 871003 E=1749032
-Y5- STATION 10+00
N 29° 20' 41.8" W DIST 89.26'
R/R SPIKE SET IN 10" POPLAR

-Y6-

℄ -Y5-

END BRIDGE
STA. 26+29.62 -Y6-

END GRADE
STA. 32+16.04 -Y6-
EL = 855.32

EXISTING GROUND

-0.8644%

+0.7943%

PROPOSED GRADE

PROPOSED BRIDGE

PVI = 29+65.00
El. = 853.32
250' V.C.
K = 150
DS = 60 MPH

NOTE:
SEE SHEETS 6.11.& 12 FOR -Y6- PLAN

900 890 880 870 860 850 840 830 820 810

26 27 28 29 30 31 32 33 34 35 36 37 38

24_MAY_2016_23:53
21_U2524D_ROY_PSH_21.dgn
c:\$$$\USERNAME\$$$