8/17/99

REVISIONS

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 5

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Liscense No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
BR-0014	EC-05/CONST.05
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATCHLINE SHEET 5 -LREV- STA. 27+00.00

NC GRID NAD 83 NA 2011

NC GRID NAD 83 NA 2011

-LREV- POT Sta. 35+28.38

-LREV- PT Sta. 31+55.65

END NCDOT
PROJECT BR-0014
-LREV- PCC Sta. 28+82.15

SEE SHEETS S-1 THRU S-? FOR STRUCTURE PLANS

AREA = 2.4 AC

AREA = 0.8 AC

SPECIAL LATERAL 'V' DITCH SEE DETAIL A

55.15' 27' TYP.

EXISTING R/W

NC HWY. 210

NC HWY. 242 (BROADWATER BRIDGE RD.)

SR 2036

STAR TELEPHONE MEMBERSHIP CORPORATION

SOUTH RIVER EMC

COPPER AND OR FIBER

HTR

WOODS

FALLOW

EIP

2' PS.

28' SGM

24' RCP

105.87

105.6

105.0

PI = 27+50.00
EL = 89.67'
VC = 180'
K = 214
DS = 60 MPH
(+)4.2355%

END GRADE
STA. 28+82.15
EL. 91.30'

20FT@2%

(-)1.8333%

EXIST. GRADE
+1.5562%

BEGIN DITCH -LREV- STA. 27+20(RT)
ELEV. 85.55'

END DITCH -LREV- STA. 27+85(LT)
ELEV. 88.00'

END DITCH -LREV- STA. 28+82(RT)
ELEV. 88.52'

100 90 80 70 60 50 40 30

27 28 29 30 31 32 33 34 35