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PROJECT REFERENCE NO.	SHEET NO.
U-3615B	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER GREG S. PURVIS

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 012575 ENGINEER Paul F. Fisher

WETHERILL ENGINEERING
559 Jones Franklin Rd. Suite 164
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

-L-
PIs Sta 158+44.07
Θs = 0° 22' 00.1"
Ls = 96.00'
LT = 64.00'
ST = 32.00'

-L-
PIs Sta 163+70.31
Θs = 0° 33' 00.1"
Ls = 96.00'
LT = 64.00'
ST = 32.00'

-L-
PI Sta 167+89.17
Δ = 8° 50' 54.9" (LT)
D = 1° 08' 45.3"
L = 772.19
T = 386.86'
R = 5,000.00'
DS = 50 MPH
SE = 0.02
RO = SEE PLANS

-L- TEMP
PI Sta 171+59.42
Δ = 6° 27' 19.5" (LT)
D = 1° 31' 04.1"
L = 425.31'
T = 212.89'
R = 3,775.00'
DS = 50 MPH
SE = 0.02
RO = SEE PLANS

FLOOD PLAIN BENCH DETAIL "AC"

BANK STABILIZATION CLASS "B" RIPRAP; GEOTEXTILE FAB.; N.G.; 2' min. (TYP.); 2:1; 0.5'; 1.5'; N.G. OR S BERM; b=5 FT.; GEOTEXTILE FAB. NATIVE MATERIAL INV. BURIED 1'

-L- STA. 171+18
(DDE 75 CY, EST. QTY. 9 TONS RIPRAP, 22 SY GEOTEXTILE)

-L- STA. 169 + 46.53 POC
END TIP PROJECT U-3615A
BEGIN TIP PROJECT U-3615B

-L- SCSta. 164+02.31

-L- TSSta. 163+06.31

-L- STSta. 159+08.07

-L- CSSta. 158+12.07

N 67°36'24.5" E

NAD 83/95

MATCHLINE STA.171+00.00 SHEET 5

SEE SHEET 18 FOR -L- PROFILE

REVISIONS

5/14/99