PROJECT REFERENCE NO.	SHEET NO.
R-5131C	118

METRIC

5 0 10

CONST.REV.

R/W REV.

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 12300 ENGINEER CHARLES LEE FLOYD

7/14/04

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 20754 ENGINEER T. STEPHENS, JR.

7/23/04

TGS ENGINEERS
975 WALNUT STREET, SUITE 141
CARY, NC 27511
PH (919) 319-8850

BM #108 STD.NCDOT GPS MONUMENT,
STAMPED R0513C-8, DATE 1/97
4.884 LT OF -Y4- STA.17+07.650 EL= 42.116

STA 10+55.000 -Y4-
BEGIN GR.EL= 41.895

(+) 0.2054%

L = 115.800
K = 30

(+) 3.9999%

PI=11+13.920
EL= 42.016

PROP.GRADE

EXIST.PROFILE

-Y4-

L = 354.000
K = 44

(+) 3.9999%

SEE SHEETS NO.23 & NO.50
FOR -Y4- PLAN

10+00 11+00 12+00 13+00 13+60

BM #108 STD.NCDOT GPS MONUMENT,
STAMPED R0513C-8, DATE 1/97
4.884 LT OF -Y4- STA.17+07.650 EL= 42.116

PI=13+99.751
BT= 13.349

(+) 3.9999%

(-) 4.0000%

13+66.85 BEG BRIDGE

14+32.51 END BRIDGE

L = 354.000
K = 44

PROP.GRADE

EXIST.PROFILE

-Y4-

STA 17+45.000 -Y4-
END GR.= 42.461

L = 130.000
K = 31

(+) 0.1981%

-Y4-

17+20 17+60

L = 130.000
K = 31

(-) 4.0000%

PI=16+77.650
EL= 42.333

SEE SHEETS NO.23 & NO.51
FOR -Y4- PLAN

13+60 14+00 15+00 16+00 17+00 17+20

$$$$SYSTIME$$$$DGN$$$$
$$$$USERNAME$$$$

\5131C\WORK\0513C-Y.PFL 07/14/04 08:56:52 AM