PROJECT REFERENCE NO.	SHEET NO.
R-513C	119

METRIC

5 0 10

CONST.REV.

R /W REV.

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 12300 ENGINEER CHARLES LEE FLOYD

7/16/04

HYDRAULICS ENGINEER

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

7/16/04

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

BM #114 STD.NCGS CONC.MONUMENT,
STAMPED ANDY,1977
6.296 RT OF -Y3- STA.17+101.835 EL= 46.101

STA 10+20.000 -Y5-
BEGIN GR EL = 41.86

PROP.GRADE

EXIST.PROFILE

(+) 0.57.37%

(+) 0.57.37%

-Y5-

SEE SHEET NO.37 FOR -Y5- PLAN

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

50 48 46 44 42 40 38

BM #114 STD.NCGS CONC.MONUMENT,
STAMPED ANDY,1977
6.296 RT OF -Y3- STA.17+101.835 EL= 46.101

PROP.GRADE

EXIST.PROFILE

(+) 0.57.37%

(+) 0.57.37%

PI =14+90.000
El = 144.500

L = 100.000
K = 114

(-) 0.3000%

(-) 0.3000%

(-) 0.3000%

(-) 0.5385%

17+15+/- BEGIN LAT DITCH-RT
GR EL 41.75

-Y5-

DESIGN DATA
FOR DRAINAGE STRUCTURE AT
STA17+04
FOR DESIGN DATA SEE
STRUCTURE @ STA.5+87 RP B
SEE SHEET NO.79

SEE SHEETS NO.37 & NO.10
FOR -Y5- PLAN

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

50 48 46 44 42 40 38

$$$$SYSTIME$$$$