PROJECT REFERENCE NO.	SHEET NO.
R-5130	23
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST. REV. _____

R/W REV. _____

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

TGS ENGINEERS

ADAPTED FROM:
TGS ENGINEERS
SUITE 141
975 WALNUT STREET
CARY, NC 27511

PREPARED BY:

CATLIN
ENGINEERS and SCIENTISTS
WILMINGTON, NORTH CAROLINA

-L-
PI Sta 326+78.592
Δ = 4°23'49.6" (RT)
L = 536.058
T = 268.160
R = 6,985.000
SE = N.C.

N.C.G. 83

MATCHLINE STA. 323+00.000 MATCH TO SHT. NO. 22

MATCHLINE STA. 326+60.000 MATCH TO SHT. NO. 24

K. M. BIGGS, INC.
DB 644 PG 162
DB 644 PG 160
DB 17H PG 013

EXISTING R/W

9.144 (30')

375 mm CONC

RIP RAP

RIP RAP

1800 mm CONC

SR 2316 SANCHEZ RD 7.2 BST

RIP RAP

RIP RAP

300 PVC

450 mm CONC.

FES

750 mm CONC

12 BST

US HWY 74-W 7.2 BST

12 BST

3.0 P.S.

7.2+/-

1.2 P.S.

10.5+/-

REMOVE & OBLITERATE

S 61°04'31.1" E

324+00

-L-

325+00

1800 mm CONC

326+00

12 BST

US HWY 74-E 7.2 BST

12 BST

1.2 P.S.

10.4+/-

7.2+/-

3.0 P.S.

750 mm CONC

FES

2000 mm CONC

2000 mm CONC

-L- PC 324+10.432

57+00

56+00

-Y8-

58+00

59+00

7.2

B-63

59.741 (196')

EXISTING R/W

-Y8- SC 56+37.474

K. M. BIGGS, INC.
DB 644 PG 162
DB 644 PG 160
DB 17H PG 013

DENOTES REMOVAL & OBLITERATION OF EXIST. PAVEMENT

-Y8-

PIs Sta 53+40.471
θs = 3°26'15.9"
Ls = 60.000
LT = 40.008
ST = 20.007

PI Sta 54+70.705
Δ = 24°52'03.3" (RT)
L = 217.011
T = 110.241
R = 500.000
SE = 6%

PIs Sta 55+98.826
θs = 3°41'01.5"
Ls = 60.000
RI = 6940.000
R2 = 500.000
LT = 38.665
ST = 21.352

-Y8-

PI Sta 59+30.577
Δ = 4°50'12.4" (RT)
L = 585.859
T = 293.103
R = 6,940.000
SE = N.C.