PROJECT REFERENCE NO.	SHEET NO.
R-513 BB	4
R /W SHEET NO.	

METRIC

5 0 10

CONST.REV.

R /W REV.

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SKILLINGLAW — 6-14-04

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 16600 ENGINEER RANDALL G. KENEGAR — 8-18-04

SEE SHEET 33 FOR -L- PROFILE
SEE SHEET 53 FOR -SR5- PROFILE
SEE SHEET 2-C FOR SR5 TIE CONST. DIMENSIONS

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "WYE 1977"
WITH NAD 83 STATE PLANE GRID COORDINATES OF
NORTHING: 1039117.867(m) EASTING: 585865.569(m)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99992600
THE N.C. LAMBERT GRID BEARING
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"WYE 1977" TO -L- STATION 153+90.000 IS
S 27° 47' 54.7" E 8118.814m
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29

DORA LOWRY, WIDOW
DB 917 PG 247

JEFFERY DEAN JONES
DB 1077 PG 469
DB 695 PG 453

JEFFERY DEAN JONES
DB ~~714~~ PG ~~604~~

GALA L. DEESE
DB 1057 PG 633

-SR5- +00.000
EX.R/W & 20.000m
(65.62 ft)

-SR5- +00.000
EX.R/W & 16.000m
(52.49 ft)

-SR5- +39.999
16.000m
(52.49 ft)

-BY3-POTSta. 5+00.000

POTSta.10+00.000
S 44° 05' 39.1" W

S 38° 48' 45.3" W

SR5 10+14.098
BEG.CONST.

PCSta.10+39.999

-SR5- +12.500
20.000m & 32.000m
(65.62 ft & 104.99 ft)

-SR5- +27.500
20.000m & 32.000m
(65.62 ft & 104.99 ft)

-SR5- +30.000
20.000m
(65.62 ft)

-SR5- +90.000
20.000m
(65.62 ft)

-SR5-
PI Sta 10+63.729
Δ= 76° 41' 18.5" (LT)
L = 40.154
T = 23.730
R = 30.000
SE = 0.030
RUNOFF = 15m

SPECIAL CUT BASE DITCH (SEE DETAIL "T")

SPECIAL CUT DITCH (SEE DETAIL "N")

SPECIAL LATERAL "V" DITCH (SEE DETAIL "N1")

14.6 MTNS CL. 'B' RIP RAP W/35.2 SM FILTER FABRIC

1.8 MTNS CL. 'B' RIP RAP W/5.9 SM FILTER FABRIC

2 @ 750 mm RCP

PTSta.10+80.153

-SR5- +00.000
14.000m
(45.93 ft)

ENDWALL
-L- +01.766
36.312m

BEG.C/A & WW FENCE MONUMENT TO BE PLACED ON R-513BA
-L- EX.R/W
31.000m (101.71 ft)

BEG.C/A & WW FENCE MONUMENT TO BE PLACED ON R-513BA
-L- EX.R/W
35.000m (114.83 ft)

-L- +96.029
37.410m

-L- +82.296
52.394m
(171.897 ft)

-L- +86.967
83.831m
(275.04 ft)

-L- +98.793
52.703m

-L- +92.284
50.757m
(166.53 ft)

-L- +96.878
82.582m
(270.94 ft)

S 37° 52' 33.3" E

S 37° 52' 33.4" E

-L-

-BL-B- POTSta. 161+36.830 =
-BY3- POTSta. 5+92.320
-L- POTSta. 153+82.822
OFFSET 22.077m (LT)

END CONSTR. R-513 BA
-L- Sta.153+80.000 LB =
-L- Sta.153+80.000 LA
BEG. CONSTR. R-513 BB

BEG CABLE GUIDERAIL
DOUBLE FACED
-L- 153+80.000

END PROJECT R-513 BA
-L- Sta.153+90.000 LB =
-L- Sta.153+90.000 LA
BEG. PROJECT R-513 BB

-BL-B-POTSta. 162+73.804
-L-POTSta. 155+17.835
OFFSET 1.019m (RT)

MATCHLINE -L- STA 155+60.000

152+00 153+00 154+00 155+00 11+00 12+00

14-JUN-2004 07:57
R_L3Pro1 R_L3Pro1 AT RD20B044