PROJECT REFERENCE NO.	SHEET NO.
U-3823-B	4
R/W SHEET NO.	10

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18537 ENGINEER JERRY D. PAGE
11/02/05

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 16600 ENGINEER RANDALL C. HEDGEPETH
11-16-05

8/17/99

REVISIONS

-L- POS 100+00.00
BEGIN PROJECT U-3823-B

-L- 97+50.00 80.00' LT
PDE
-L- 97+50.00 70.00' LT
-L- 97+50.00 49.70' LT
-L- 99+21.11 48.70' LT
-L- 100+13.40 65.00' LT
-L- 101+21.68 50.00' LT
-L- 102+34.00 70.00' LT
-L- 102+34.00 61.00' LT
-L- 102+34.00 50.00' LT
PDE
-L- 102+72.00 70.00' LT
-L- 102+72.00 60.00' LT
-L- 102+72.00 50.00' LT
-L- 104+21.68 60.00' LT
-L- TS 104+21.68
N 65° 26' 21.0" E
-L- 104+21.68 50.00' LT
-L- 106+21.68 57.00' LT
-L- SC 106+21.68
-L- 106+21.68 50.00' LT
-L- 108+50.00 55.00' LT
BEGIN 4' CONC ISLAND

-L- 97+38.35 50.00' RT
-L- CS 98+63.40
-L- 98+63.40 68.00' RT
-L- 99+22.26 51.30' RT
-BL-9 PINC 77+61.75
-L- POS 99+42.04
23.18' RT
-L- ST 100+13.40
-L- 100+13.40 60.00' RT
-L- 101+21.68 50.00' RT
-L- 103+50.00 60.00' RT
TAPER
-L- 104+25.00 65.00' RT
-L- 104+21.68 50.00' RT
-BL-10 PINC 83+42.74
-L- POS 105+22.70
41.16' RT
-L- 106+50.00 75.00' RT
300' TAPER
-L- 106+21.68 50.00' RT
-L- 108+50.00 75.00' RT
-L- 110+00.00 50.00' RT
-BL-11 PINC 88+77.00
-L- POC 110+51.71
44.44' RT

CONC ISLAND
C&G BY OTHERS
C&G BY OTHERS
C&G BY OTHERS
C&G BY OTHERS
NON-JURISDICTIONAL
REMOVE
30" CONC C&G
SR 1158 AIRPORT BLVD. 28' BST
MATCHLINE -L- 111+00.00 SEE SHEET 5

HERITAGE PLACE OF WILSON, LLC
DB 2080 PG 806
16
HERITAGE CROSSING, LLC
DB 2075 PG 330
17

NAD 83

Pls Sta 95+49.48
Θs = 2° 15' 00.0"
Ls = 150.00'
LT = 100.01'
ST = 50.01'

PI Sta 97+31.65
Δ = 7° 55' 04.0" (RT)
D = 3° 00' 00.0"
L = 263.93
T = 132.17'
R = 1,909.86'

Pls Sta 99+13.41
Θs = 2° 15' 00.0"
Ls = 150.00'
LT = 100.01'
ST = 50.01'

Pls Sta 105+55.02
Θs = 1° 30' 00.0"
Ls = 200.00'
LT = 133.34'
ST = 66.67'

PI Sta 111+07.89
Δ = 14° 30' 29.1" (LT)
D = 1° 30' 00.0"
L = 967.21
T = 486.20'
R = 3,819.72'
SE=0.03

DATUM DESCRIPTION
THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "JKA-23" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 721791.3025(ft) EASTING: 2291892.3290(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99990270
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "JKA-23" TO -L- STATION 100+00.00 IS
N 69° 55' 31.91" E 14,355.34
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29

BM #6
-L- 100+83 34' LT
-BL- 79+01 61' LT
ELEV. 134.29'

-L-
PI = 101+97.50
EL = 139.40'

-L- 100+00.00
EL = 131.10'
BEGIN GRADE

(+)4.2025%
(+)4.0000%
(+)4.0000%
(-)1.4218%

PI = 107+10.00
EL = 159.90'
VC = 1025.00'
K = 189

160 150 140 130 120 110 100
97 98 99 100 101 102 103 104 105 106 107 108 109 110 111

27-OCT-2005 13:38
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$$$$USERNAME$$$$