PROJECT REFERENCE NO.	SHEET NO.
U-2579B	20
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOSER
DocuSigned by: Anthony Hoser 8/11/2014
NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS, JR.
DocuSigned by: W. Henry Wells Jr. 8/12/2014

-DRI-
PI Sta 10+14.44
Δ = 10° 59' 53.6" (LT)
D = 38° 11' 49.9"
L = 28.79'
T = 14.44'
R = 150.00'

-Y1-
PI Sta 16+19.17
Δ = 3° 08' 19.0" (RT)
D = 0° 42' 58.3"
L = 438.23'
T = 219.17'
R = 8,000.00'
SE = NC
RO = 0

PI Sta 20+57.40
Δ = 3° 08' 19.0" (LT)
D = 0° 42' 58.3"
L = 438.23'
T = 219.17'
R = 8,000.00'
SE = NC
RO = 0

-YIDET-
PI Sta 12+30.02
Δ = 25° 54' 27.3" (LT)
D = 5° 43' 46.5"
L = 452.17'
T = 230.02'
R = 1,000.00'

PI Sta 16+82.19
Δ = 25° 54' 27.3" (RT)
D = 5° 43' 46.5"
L = 452.17'
T = 230.02'
R = 1,000.00'

BEGIN CONSTRUCTION
-Y1-POTSta. 10+00.00

-YIDET- PC Sta. 10+00.00
-Y1- POT Sta.11+88.83

-Y1-PCSta. 14+00.00

-YIDET- PRC Sta. 14+52.17

-Y1- PRC
Sta. 18+38.23

-Y1- POC Sta. 18+88.07
-DR2- POT Sta. 11+90.74

-YIDET- PT Sta. 19+04.35

-Y1- POC Sta.22+31.99
-Y7- POT Sta.13+93.72
END CONSTRUCTION

-Y1-PT
Sta. 22+76.47
S 39° 49' 20.3" W

-Y1- POC Sta. 17+44.58
-DR3- POT Sta. 11+72.16

-DR3- POT Sta. 10+00.00

-DR2- POT Sta. 10+00.00

-DRI- POT Sta. 11+02.70
-Y7- POT Sta. 12+30.57
N 49° 22' 56.9" E

-Y7- POT Sta. 10+00.00
BEGIN CONSTRUCTION

S 39° 49' 20.3" W

S 79° 36' 04.1" E

S 69° 30' 22.1" E

S 49° 58' 57.1" E

550' TRANSITION LT OUTSIDE LANE

400' TRANSITION RT OUTSIDE LANE

675' MEDIAN TRANSITION LT.SIDE

675' MEDIAN TRANSITION RT.SIDE

550' LEFT TURN FULL LANE

100' TAPER

END PAVEMENT MARKINGS
BEGIN RAISED GRASS MEDIAN
-Y1- STA.21+71.59

BEGIN MEDIAN PAVEMENT MARKINGS
-Y1- STA.14+32.71

MATCHLINE -Y1- STA. 23+65 SHEET 5

PAVED SHOULDER

NOTE:
FOR -Y1- PROFILE,SEE SHEET 43
FOR -Y7- PROFILE,SEE SHEET 89
FOR -DRI- PROFILE,SEE SHEET 90
FOR -DR2- PROFILE,SEE SHEET 90
FOR -DR3- PROFILE,SEE SHEET 90
FOR -YIDET-,SEE SHEETS 2B-5,2B-6

DETAIL #18
STANDARD BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, Natural Ground, B
Min. D= 2 Ft.
B= 2 Ft.
FROM STA. 11+31 TO 11+51 -Y1- RT

DETAIL #19
SPECIAL CUT BASE DITCH
(Not to Scale)
Natural Ground, 2:1, D, 4:1 or Flatter, Front Ditch Slope, B
Min. D= 2 Ft.
B= 2 Ft.
FROM STA 17+00 TO 19+00 -Y1- RT

DETAIL #6
TOE PROTECTION
(Not to Scale)
Natural Ground, d, 2:1 OR FLATTER, Fill Slope, Geotextile
d= 2 Ft.
Type of Liner= Class 'B' Rip-Rap
FROM STA 23+00 TO 26+00 -Y1- LT

DETAIL #12
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 2:1, d, D, 2:1, B, Geotextile, b, 1'/Ft., Fill Slope
Min. D= 2 Ft.
Max. d= 2 Ft.
B= 2 Ft.
b= 5 Ft.
*When B Is < 6.0'
Type of Liner= Class 'B' Rip-Rap
FROM STA 19+35 TO 21+80 -Y1- RT
FROM STA 22+90 TO 24+60 -Y1- RT

DETAIL #3
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 2:1, D, 2:1, B, b, 1'/Ft., Fill Slope
Min. D= 2 Ft.
B= 2 Ft.
b= 5 Ft.
FROM STA 10+65 TO 12+90 -Y7- LT

REVISIONS
8/17/99

7/16/2014
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