PROJECT REFERENCE NO.	SHEET NO.
W-5316	4

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER

DocuSigned by: Anthony Houser 5/12/2015

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 025325 ENGINEER MATTHEW S. LAUFER

DocuSigned by: Matthew S. Laufer 5/12/2015

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REVISIONS

5/14/99

2010 ADT
2035 ADT

CRESCENT RD. 2000/3200 900/1500
US 52 11200/15300 11400/15700
ANTHONY RD. 400/700 600/800
GOLD KNOB RD. 300/400 400/700
1400/2200

-Y1-
PI Sta 11+16.02
Δ = 18° 12' 14.1" (RT)
D = 15° 26' 37.0"
L = 117.87'
T = 59.44'
R = 371.00'
SE = .04
Ro = 77'

-Y2-
PI Sta 13+68.14
Δ = 24° 37' 19.5" (RT)
D = 15° 26' 37.0"
L = 159.43'
T = 80.97'
R = 371.00'
SE = .04
Ro = 77'

NAD 83/NSRS 2007

BEGIN CONSTRUCTION
-Y2- POT Sta. 10+00.00

BEGIN PAVEMENT
-Y2- POT Sta. 11+63.00

BEGIN TIP PROJECT W-5316
-L- POT STA.10+10.00

-Y2- PC Sta. 12+87.17

-Y2- PT Sta. 14+46.61

-Y2- POT Sta.14+63.89
-Y1- POT Sta.10+00.00
-L- POT Sta.17+00.00

-Y3- POT Sta.10+00.00
-L- POT Sta.17+54.42

END TIP PROJECT W-5316
-L- POT STA.23+90.00

POT Sta. 24+00.00

-Y1- PC Sta. 10+56.58

-Y1- PT Sta. 11+74.46

-Y3- POT Sta. 13+30.89

END CONSTRUCTION
-Y1- POT STA.13+15.00

-Y1- POT Sta. 14+13.96

GRADE TO DRAIN
-L- STA. 10+10 TO 11+25 LT.
SEE CROSS SECTIONS

GRADE TO DRAIN
-L- STA. 10+10 TO 11+25 RT.
SEE CROSS SECTIONS

GRADE TO DRAIN
-L- STA. 12+75 TO 16+25 RT
SEE CROSS SECTIONS

GRADE TO DRAIN

GRADE TO DRAIN

GRADE TO DRAIN

GRADE TO DRAIN

GRADE TO DRAIN

SEE DETAIL A

SEE DETAIL B

SEE DETAIL C

SEE DETAIL D

SEE DETAIL E

CL B RIP RAP EST. 2 TONS GEOTEXTILE EST. 5 SY.'S

CL B RIP RAP EST. 3 TONS GEOTEXTILE EST. 11 SY.'S

CL B RIP RAP EST. 3 TONS GEOTEXTILE EST. 10 SY.'S

360' TAPER RT. & LT.

200' TAPER LT. TURN

150.3' FULL LT. TURN LANE

150.8' FULL LT. TURN LANE

REMOVE EXIST. PIPE SYSTEM

RETAIN/ CLEAN OUT

GPS W5316-1

1 MARUCA G & RONALD D SCRUGGS
2 MARUCA G & RONALD D SCRUGGS
3 HAROLD WAYNE RINEHARDT
4 DEREK WAYNE SIFFORD
5 WILLIE LOUIS TAYLOR
6 JOYCE E & HAROLD R STIREWALT
7 JERRY DALE MORGAN
8 CYNTHIA M MILLER
9 CARMELLA J & DAVID M MORRIS
10 BRENDA H & CARROLL G COOKE
11 AMY O'NEAL HOYT & FORREST EPHRAIM HOYT
12 MICHELLE B & DUSTIN J HUGHES
13 CAROL S & WILLIAM DEAN HOUPE
14 BECKY LYERLY WESTBERG
15 BECKY LYERLY WESTBERG
16 MURLE B. BEAVER, WIDOW
18 ROBERT L. BARTLETT & PAM BARTLETT
19 JERRY C DAVIS
20 CURTIS R LEACH, JR.
21 ONESTA L BRUCE
22 LEWIS & LEWIS BUILDERS, INC
23 KAREN S & DOUGLAS E LYERLY
24 GLENDA S & ALLEN D LINKER
25 DORIS G. PETHEL, WIDOW, ET. AL
26 GLENDA L & STEVE J BALL
27 LINDA T & JOHNNY K HESS
28 JIMMY N LEFLER
29 MARY H & BENJAMIN H DUNAWAY

LAWERENCE H STEPHENS, JR

PATRICIA F & BOBBY L WATSON

LORAINE W DRYE & RHONDA D MENSTER

JESSICA A & JOSEPH C NEAL, JR

JOAN T RUSHER & MELVIN K MORGAN

KRISTI & CHRISTOPHER SAMPLES

DETAIL A
CUT DITCH
(Not to Scale)

Natural Ground — 4:1 — D — 5:1 or Flatter — Front Ditch Slope

Min. D=1.0 Ft.

FROM STA.10+75 TO STA.11+50-Y2-RT.

DETAIL B
CUT DITCH
(Not to Scale)

Natural Ground — 2:1 — D — 4:1 or Flatter — Front Ditch Slope

Min. D=1.0 Ft.

FROM STA.11+50 TO STA.12+50-Y2-RT.

DETAIL C
CUT DITCH
(Not to Scale)

Natural Ground — 2:1 — D — 4:1 or Flatter — Front Ditch Slope

Min. D=0.5 Ft.

FROM STA.11+11 TO STA.14+00-Y2-LT.

DETAIL D
CUT DITCH
(Not to Scale)

Natural Ground — 10:1 — D — 10:1 — Front Ditch Slope

Min. D=0.3 Ft.

FROM STA.10+39 TO STA.11+25-Y1-LT.

DETAIL E
CUT DITCH
(Not to Scale)

Natural Ground — 2:1 or Flatter — D — 4:1 or Flatter — Front Ditch Slope

Min. D=2.0 Ft.

FROM STA.10+50 TO STA.11+50-Y1-RT.

PAVEMENT REMOVAL

PAVED SHOULDER

NOTE: SEE SHEET 5 FOR -L- PROFILE
SEE SHEET 5 FOR -Y1- PROFILE
SEE SHEET 5 FOR -Y2- PROFILE

ALL DRIVEWAYS SHOULD USE 10' RADII AND TIE TO THE EXISTING DRIVEWAY WIDTH UNLESS OTHERWISE NOTED ON PLANS

23-DEC-2014 09:06
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