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8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-3100A	6

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 21102 ENGINEER JAMES TIMOTHY JOHNSON
Docusigned by: James Timothy Johnson
3/15/2018

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 025503 ENGINEER RICHARD NEIL MOORE
Docusigned by: Richard Neil Moore
3/15/2018

MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

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McKIM & CREED
NC LICENSE #1132
243 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA 28401
TEL. (910) 343-1568 FAX. (910) 790-8202

SEE SHEET 2B-5 FOR ISLAND DETAIL
SEE SHEET C-1 TO C-26 FOR CULVERT PLANS
SEE PROFILE SHEET 25

MATCHLINE -L- STA 38+00.00 SEE SHEET NO. 5

MATCHLINE -L- STA 52+00.00 SEE SHEET NO. 7

NAD 83/NSRS 2007

-L-
PIs Sta 52+08.00
Θs = 0° 36' 24.6"
Ls = 120.00'
LT = 80.00'
ST = 40.00'

PI Sta 64+61.32
Δ = 24° 10' 39.5" (RT)
D = 1° 00' 41.0"
L = 2,390.51'
T = 1,213.31'
R = 5,665.00'
SE = 03
RO = 120'

-L- TS Sta. 51+28.00

BM#11 -BL-
STA 245+71.164'LT
ELEV.= 968.11'

13 ERIC C & ANNETTE H LEE DB 2054 PG 774

17 RICKY M & KATHY C GOODSON DB 2407 PG 1189

18 ALBERT S & WANDA G JARRETT DB 1278 PG 888 DB 2124 PG 1837 PB 18 PG 86

18A ALBERT S & WANDA G JARRETT DB 1278 PG 888

20 MARK B & MITZIY STORY DB 1338 PG 157 DB 2580 PG 1600 DB 2580 PG 1603 DB 2663 PG 1177

15 BRIAN N POOLE & TONY MARVIN POOLE DB 2695 PG 482

16 PHIL C & KAREN V RICE DB 2564 PG 1814

BRIAN N POOLE & WIFE, PAMELA POOLE DB 1671PG 346

19 MARK D & KELLY B SHUBERT DB 2002 PG 1654 PB 27 PG 191

21 JOHNNIE D & JEANETTE S SHUBERT DB 2002 PG 17 DB 2006 PG 697 PB 27 PG 190 PB 27 PG 191

DETAIL D
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground, 3:1 or Flatter, D, 4:1 or Flatter, Front Ditch Slope
Min. D=1.0 Ft.
FROM STA. 38+47 TO STA. 41+50 -L- RT
FROM STA. 50+14 TO STA. 51+68 -L- RT

DETAIL G
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground, 3:1, d, D, 4:1 or Flatter, Front Ditch Slope
Type of Liner= PSRM
Min. D=1.0 Ft.
Max d=1.0 Ft.
FROM STA. 41+00 TO STA. 42+26 -L- LT
FROM STA. 41+50 TO STA. 42+80 -L- RT

DETAIL K
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 2:1, D, 2:1, b, 1'Ft., B, Fill Slope
Min. D=1.0 Ft.
B=2.0 Ft.
b=5.0 Ft.
FROM STA. 46+80 TO STA. 49+50 -L- LT
FROM STA. 47+35 TO STA. 48+83 -L- RT

DETAIL V
PIPE OUTLET CHANNEL
(Not to Scale)
Natural Ground, min. 3 TO 1R EXISTING GROUND SURFACE, GT FABRIC, CHANNEL BANK, d, Natural Ground, CHANNEL BED (Variable)
Length= 8 Ft.
d= 1 Ft.
STA. 47+35 RT
STA. 47+70 LT
STA. 47+90 LT

DETAIL Z
FALSE SUMP
(Not to Scale)
0.5' Min. 1.0' Max
Outside Ditch Traffic Flow, 10:1, 20:1, 2.0', GI etc., S
S=Ditch Slope
℄ Proposed Ditch
STA 49+89 -L- LT

ALL DRIVEWAY RADII ARE 10' UNLESS OTHERWISE NOTED ON PLANS.

5:40:41 AM
R:\Roadway\Proj\R3100A_rdy_psh06.dgn
jrbates