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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
I-5987B	44
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

Docusigned by: SEAL 022668 — DAVID C. WALLER, ENGINEER
4/29/2022
MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

HYDRAULICS ENGINEER

Docusigned by: SEAL 31977 — KEVIN B. ALFRED, ENGINEER
4/29/2022
ETHERILL ENGINEERING, LLC.
LICENSE NO. F-0377

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:

MOTT MACDONALD — PO Box 700, Fuquay-Varina, NC 27526, www.mottmac.com/americas

ETHERILL ENGINEERING — 1223 Jones Franklin Rd., Raleigh, N.C. 27606, License No. F-0377, Bus: 919 851 8077, Fax: 919 851 8107

NAD 83/2011

256
FAYE E. MCRAINEY REAVES
DB 519 PG 355
PB 26 PG 23

15

20

25

-Y6- PC Sta. 15+43.60

-Y6-
S 36° 57' 12.6" E

SR 1126 W. MCRAINEY RD 21' BST

EXISTING R/W

25 PR

+50.00
45.00
30.00' (EX. R/W)

+45.00
45.00

SPECIAL LATERAL 'V' DITCH
SEE DETAIL G

+60.00
50.00
45.00

4401

REMOVE

PUE

22' DR
15"

EAST

+00.00
24'
10'
10'
24'

+50
30' (EX. R/W)

+00
35'

24'
TYP

50'

+00
35'

+50
31.92' (EX. R/W)

BY3I-344

16"
30' DR

4402

REMOVE

BEGIN CONSTRUCTION
-Y6- POT Sta. 14+50.00

WOODS

SWAMP

JS

UT TO LITTLE MARSH SWAMP

SEE DETAIL CSR 3-1 FOR OUTLET CHANNEL IMPROVEMENTS

CLASS I RIP RAP W/GEOTEXTILE (TYPICAL)

+15.00
80.00

+20.00
90.00

CL. B RIP RAP
EST. 2 TON
EST. 7 SY

+65.00
90.00

+70.00
110.00

-Y6- PRC Sta. 25+07.57

PUE

+00.00
80.00

CL. B RIP RAP
EST. 1 TON
EST. 5 SY GT

+07.57
80.00

4411

END SBG
+38.79

BEGIN SBG
+67.52

+50.00
45.00

4407

4408

GREU TL-3
8:1

1 @ 7'X7'
RCBC

15" ELBOWS

TB 2GI

4405 REMOVE

END SBG
+76.54

BEGIN SBG
+20.90

4410

6' PS

24'

AT-1

AT-1 24' DR

REMOVE
48" RCP

4403

+40
86.38' (EX. R/W)

CLASS I RIP RAP
W/GEOTEXTILE
(TYPICAL)
EST RR = 24 TON
EST FABRIC = 40 SY

GREU TL-3
8:1

BEGIN SBG
+06

TEMPORARY SHORING

CL. B RIP RAP
EST. 1 TON
EST. 5 SY GT

4406

1 @ 6' X 7' RCBC
W/BEVELED HEADWALL
BURIED ONE FOOT

+30
77.96' (EX. R/W)

BY3I-345

+45
85'

GRADE TO DRAIN
(SEE X-SECTIONS)

MTL

MATCHLINE -Y6- STA. 26+00.00 SEE SHEET NO. 25

252
FAYE E. MCRAINEY REAVES
DB 519 PG 355
PB 26 PG 23

UT TO LITTLE MARSH SWAMP

-Y6-

PI Sta 20+25.89	PI Sta 26+92.85
Δ = 4° 58' 32.9" (LT)	Δ = 1° 54' 45.5" (RT)
D = 0° 30' 58.2"	D = 0° 30' 58.2"
L = 963.97'	L = 370.54'
T = 482.29'	T = 185.29'
R = 11,100.00'	R = 11,100.00'
SE = NC	SE = NC

LEGEND

PROPOSED PAVEMENT REMOVAL

PROPOSED PAVED SHOULDER

FOR -Y6- PROFILE, SEE SHEET 95
FOR DITCH DETAILS, SEE SHEETS 2D-1 THRU 2D-3
FOR CULVERT PLANS, SEE SHEETS C17-1 THRU C17-5

4/29/2022
R:\Roadway\Projects\I5987b_rdy_psh_44.dgn
WALLER, DAVID