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8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-5639	5
R/W SHEET NO.	

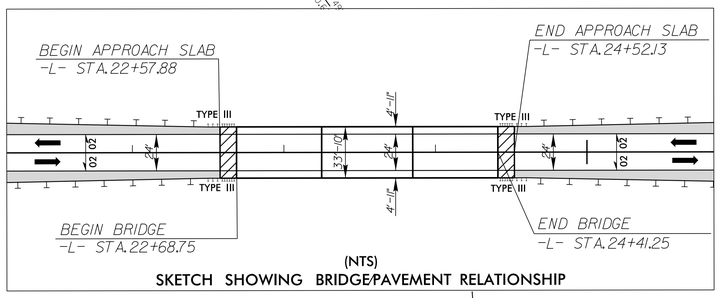
ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 27391 ENGINEER MICHAEL PEKAREK
Docusigned by: Michael Pekarek
3/25/2020
MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER JOSHUA G. DALTON
Docusigned by: Joshua G. Dalton
3/25/2020

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

SUNGATE DESIGN GROUP, P.A.
905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL (919) 859-0283
ENG FIRM LICENSE NO. C-890



(NTS)

SKETCH SHOWING BRIDGE/PAVEMENT RELATIONSHIP

NAD 83/2011

MATCHLINE -L- STA. 20+00.00 SEE SHEET 4

20 25 30

2
KILPATRICK FARMS, INC.
DB 1326 PG 257
MB 28 PG 185

3
R.J. & CARRIE ROBINSON, HEIRS
C/O NATHANEL BONEY
DB 428 PG 338
SHOWN PER DUPLIN CO GIS

CENTERLINE OF CREEK IS PROPERTY LINE

MAXWELL CREEK

N 23°55'08" E 2305.54'

CLASS II RIP RAP TO SHOULDER POINT STA. 19+75 TO BEGIN BRIDGE LT & RT (STRUCTURAL PAY ITEM)

ROCK PLATING=1,470 SY
FROM STA 19+75 TO 22+70 LT & RT
CARRY ROCK PLATING TO 2.5:1 (H:V) SLOPE
USE ROCK PLATING DETAIL NO. 1 OF
ROADWAY STANDARD DRAWING NO. 275.01

BEGIN BRIDGE
-L- STA. 22+68.75

END BRIDGE
-L- STA. 24+41.25

CLASS II RIP RAP TO SHOULDER POINT END BRIDGE TO STA. 25+00 LT END BRIDGE TO STA. 24+50 RT (STRUCTURAL PAY ITEM)

CL B RIPRAP EST 1 TON EST 5 SY GFD

15" WELBOWS

SHOULDER BERM GUTTER APPR. SLAB TO STA. 24+65.5

BEGIN OVERLAY
-L- POT 27+00.00

-L- POT Sta. 33+00.00

+00 60' LT
+55 30' LT
+50 30' RT
+00 60' RT 50' TAPER TO EXIST
+80 65' RT
+20 40' RT 30' RT

EXISTING R/W

GREU TL-3

8:1

WOODS

N 12°09'40" W

-L-

BRIDGE #36 (CONC)

TYPE III

TB 2GI <0503>
TB 2GI <0501>
<0502>
<0504>

BL-102

BL-103

N 12°09'40" W 548.46'

NC HWY 11 S 22' BST

PG SR 1312 (BLIND BRIDGE RD) - L -

6" UNK

WLB

F FO

N 0°21'29" W 445.65'

+75 85' RT
+75 100' RT
+80 100' RT
+85 85' RT

S 00°48'00" E 66.11'

EIP

N 70°57'46" E 81.27'

EXCAVATE TO APPROX. NG EL. AT CL=57.3'

ROCK PLATING=230 SY
FROM STA. 25+25 TO 26+25 RT
CARRY ROCK PLATING TO 2.5:1 (H:V) SLOPE
USE ROCK PLATING DETAIL NO. 1 OF
ROADWAY STANDARD DRAWING NO. 275.01

STA. 27+50.00 END CONSTRUCTION B-5639

END TIP PROJECT B-5639
END OVERLAY
-L- POT STA. 32+25.00

1
ANTHONY K. DEVANE
EVELYN J. DEVANE
DB 949 PG 157

CENTERLINE OF CREEK IS PROPERTY LINE

S 43°01'57" E 307.04'

BM2 ELEVATION = 59.55'
N 408406 E 2310027
BL STATION 25+57.00 77' RIGHT
NAIL SET IN 10" OAK TREE

N 82°02'38" E 203.39'

2
KILPATRICK FARMS, INC.
DB 1326 PG 257
MB 28 PG 185

4
GARNETT McCALOP & LOIS CHASTEN, HEIRS
DB 828 PG 778
SHOWN PER DUPLIN CO GIS

STRUCTURE EXCAVATION

APPROACH SLAB

FOR -L- PROFILE, SEE SHEET 6
FOR DETOUR DESIGN, SEE SHEETS 2B-1 & 2B-2

13.0634
R:\Roadway\Proj\B5639_rdy_psh5.dgn
RIEGER413