PROJECT REFERENCE NO.	SHEET NO.
B-4961	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER DANIEL W. GARDNER — 4/28/2016 — DocuSigned by: Daniel W. Gardner, Jr.

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 019775 ENGINEER RAY D. LOVINGGOOD — 4/28/2016 — DocuSigned by: Ray D. Lovinggood

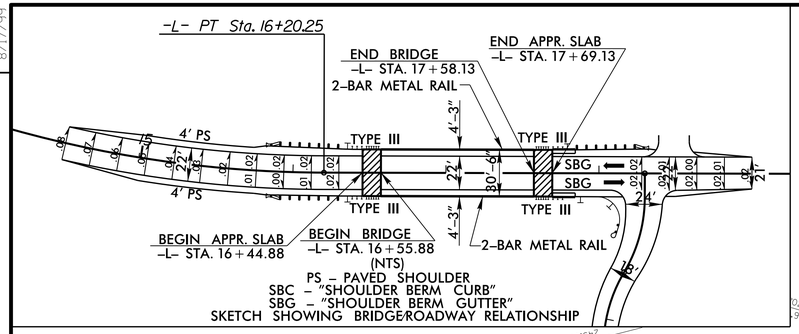
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-	-Y-	
PI Sta 13+85.22	PI Sta 10+42.11	PI Sta 11+13.70
Δ = 36° 32' 46.1" (LT)	Δ = 30° 44' 03.9" (RT)	Δ = 52° 23' 29.2" (LT)
D = 7° 30' 00.0"	D = 60° 18' 33.7"	D = 60° 18' 33.7"
L = 487.28'	L = 50.96'	L = 86.87'
T = 252.25'	T = 26.11'	T = 46.74'
R = 763.94'	R = 95.00'	R = 95.00'
SE = SEE PLANS	SE = SEE PLANS	SE = SEE PLANS

NAD 83/NSRS 2007

REVISIONS

8/17/99



-L- POT Sta. 10+00.00

BURCH CREEK FARM, LLC
DB 6338 PG 3061
PB 82 PG 55

-L- PC Sta. 11+32.97

1
WILLIAM A. & ELLEN M. HEFNER
DB 3765 PG 363
DB 4646 PG 545
PB 95 PG 142

BEGIN CONSTRUCTION
-L- STA. 13+90.00

-L- PT Sta. 16+20.25

EXISTING RIP RAP TO BE RETAINED
BMI
ELEV = 614.31
SEE SHEET 1C-1

TIE TO EXISTING DITCH
CLASS II RIP RAP (TYP.)
(STR. PAY ITEM)

DO NOT DISTURB ABOVE GROUND WATER LINE

END SBG
STA. 17+84 -L- EDWARD W. & MARTHA G. ALLRED
DB 7229 PG 2124
PB 121 PG 66

3

AREA UNDER CONSTRUCTION

5' PERMANENT FIBER OPTIC EASEMENT
35' PERMANENT SEWER EASEMENT
DB 7329 PG 238

RICHARD L. & RUBY S BOSLEY
DB 5124 PG 1268
PB 121 PG 66

END TIP PROJECT B-4961
-L- STA. 19+00.00

-L- Sta. 18+30.00=
-Y- Sta. 10+00.00
50' TAPER LT. & RT.

-L- POT Sta. 23+00.00

END CONSTRUCTION
-L- STA. 20+75.00

BEGIN TIP PROJECT B-4961
-L- STA. 14+50.00

TO MT. HOPE CHURCH RD.

TO BURLINGTON RD. (HWY 70)

SR 3051 (KNOX RD) 20' PAVED

N 7°06'18.4" E 20

S 82°53'41.6" E

-BL-3

-BL-4

-BL-5

THOMAS E. & VICKIE C. SMITH
DB 5694 PG 395

RETAIN & CLEAN OUT EX. 12" RCP

THOMAS E. & VICKIE C. SMITH
DB 4733 PG 1666
PB 79 PG 109

REMOVE EXISTING BRIDGE

2
LAND PORT INVESTMENTS,LLC
DB 6431 PG 2107

3'X3' CLASS B RIPRAP PAD
EST 1 TON
EST 3 SY GEOTEXTILE

CLASS B RIP RAP
EST 2 TONS
EST 7 SY GEOTEXTILE

-Y- PT Sta. 11+53.83

-Y- PRC Sta. 10+16.00

-Y- PRT Sta. 10+66.96

END CONSTRUCTION
-Y- STA. 11+66.46

SPECIAL CUT DITCH
SEE DETAIL 1

RETAIN EX. 48" CMP

SR 3052 (FORBES TATE RD.)

N 75°26'53.1" E

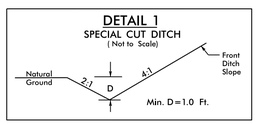
4
AMANDA LEIGH VOSLOH
DB 7324 PG 2157

4
AMANDA LEIGH VOSLOH
DB 7324 PG 2157

BM2
ELEV= 644.82
SEE SHEET 1C-1

5
STEVEN TROY SMITH
DB 7362 PG 1149
PB 121 PG 66

DETAIL 1
SPECIAL CUT DITCH
(Not to Scale)



-L- STA. 14+75 TO STA. 16+48 LT
-Y- STA. 11+25 TO STA. 11+66 LT

NOTE: ACCOMMODATIONS HAVE BEEN MADE FOR A FUTURE (UNPAVED 10'-12') GREENWAY UNDER THE NEW BRIDGE ON THE NORTH SIDE OF THE LITTLE ALAMANCE CREEK (TRIBUTARY 5).

NOTE: PAVED SHOULDER TRANSITION FROM -L- STA. 14+50.00 TO 15+00.00 AND -L- STA. 18+50.00 TO 19+00.00

SEE SHEET 5 FOR -L- AND -Y- PROFILE
SEE SHEETS S-1 THRU S-19 FOR STRUCTURE PLANS

28-APR-2016 07:29
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