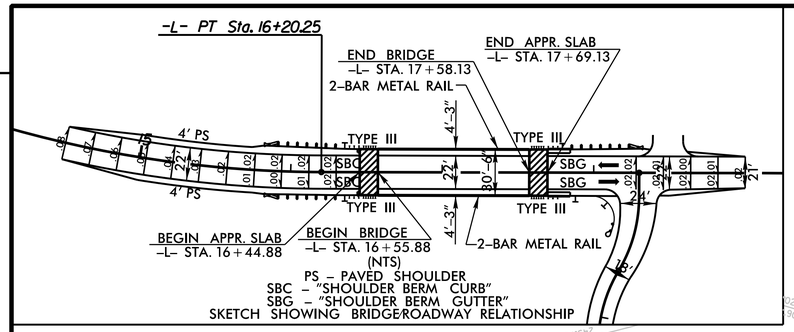
PROJECT REFERENCE NO.	SHEET NO.
B-4961	U0-02

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

REVISIONS



-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

-L- POT Sta. 10+00.00

-L- PC Sta. 11+32.97

STA -L- 14+50 TO 16+00 LT			
DA = 2.4 AC		i = 5.13 IN/HR	
C = 0.36		Q = 4 CFS	
b = 0.0 FT		d = 0.64 FT	
s = 3.6 %		V = 3.6 FPS	
FS 4:1 BS 2:1		T_d = 1.4 PSF	
GRASS		n = 0.035	

STA -L- 14+75 TO 15+75 RT			
DA = 0.5 AC		i = 5.13 IN/HR	
C = 0.36		Q = 1 CFS	
b = 0.0 FT		d = 0.33 FT	
s = 5.0 %		V = 2.7 FPS	
FS 4:1 BS 2:1		T_d = 1.0 PSF	
GRASS		n = 0.035	

N 43°39'04.5" E
1,000.00'

-L- PT Sta. 16+20.25

-Y- PT Sta. 11+53.83

-Y- PRC Sta. 10+66.96

-Y- PCC Sta. 10+16.00

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

-L- POT Sta. 23+00.00

N 7°06'18.4" E
20

S 82°53'41.6" E

N 75°26'53.1" E

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

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

2
LAND PORT INVESTMENTS,LLC
DB 6431 PG 2107

3
EDWARD W. & MARTHA G. ALLRED
DB 7229 PG 2124
PB 121 PG 66

4
AMANDA LEIGH VOSLOH
DB 7324 PG 2157

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

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

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

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

BMI
ELEV = 614.31
SEE SHEET 1C-1

BM2
ELEV = 644.82
SEE SHEET 1C-1

SPLICE UG SVC

AT&T BORE

ABANDON

PROP. HAND HOLE

DUKE / AT&T

REM

TIE TO EXISTING DITCH

CLASS II RIP RAP (TYP.) (STR. PAY ITEM)

SPECIAL CUT DITCH SEE DETAIL 1

CLASS B RIP RAP
EST 2 TONS
EST 7 SY GEOTEXTILE

OUTLET VELOCITY < 2 FPS THEREFORE NO TREATMENT REQUIRED

AREA UNDER CONSTRUCTION

SR 3051 (KNOX CHURCH RD.)

TO BURLINGTON RD. (HWY 70)

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: 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-? FOR STRUCTURE PLANS