8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-2237B	U0-03

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

NAD 83

-L- CURVE LR5	
PI	= 80+35.74
Δ	= 6°14' 57.7" (RT)
Dc	= 3° 00' 00.0"
es	= 2° 51' 00.0"
Ls	= 190.00'
Ts	= 199.29'
Lc	= 18.31'
Rc	= 1,909.86'
LT	= 126.68'
ST	= 63.35'
e	= 0.05
DS	= 50 mph

-L- CURVE LR6	
PI	= 87+86.86
Δ	= 18° 54' 31.0" (LT)
Dc	= 2° 00' 00.0"
es	= 1° 30' 00.0"
Ls	= 150.00'
Ts	= 552.11'
Lc	= 795.43'
Rc	= 2,864.79'
LT	= 100.00'
ST	= 50.00'
e	= 0.04
DS	= 50 mph

776.13' N05°29'31"E

E.M. 92' N83°21'50"W

BAL 50' N86°28'29"W

+00.00 322.00 ft.

+25.00 295.00 ft.

PROPOSED SLOPE LIMIT

21 HOPE M.& HAROLD D.PATRICK DB 1291 PG 1079

-L- SRS Sta. 82+34.75

+25.00 100.00 ft.

-L- SC Sta. 83+84.75

PROP. O/H POWER LINES

PROP. O/H TEL. LINES

PROP. O/H POWER & TEL. LINES

BEGIN EXPWY. GUTTER +50

PROPOSED EXP. GUTTER

PROPOSED RETAINING WALL

END EXPWY. GUTTER +00 +22.TYPE

CL. 'I' RIP-RAP EST. 3 TONS EST. 7 SYFF

CL. 'I' RIP-RAP EST. 2 TONS EST. 8 S.Y.F.F.

CL. 1' RIP-RAP EST. 57 TONS EST. 104 SYFF

CL. 1' RIP-RAP EST. 57 TONS EST. 104 SYFF

MATCHLINE -L- STA. 79+00.00 SEE SHEET UO-2

MATCHLINE -L- STA. 92+00.00 SEE SHEET UO-4

80+00

85+00

90+00

N 7° 29' 33.2" W

N 22° 07' 00.1" W -BL-

US 321/BST

EXISTING R/W

PROPOSED GUARDRAIL

REMOVE

REMOVE EXIST. GUARDRAIL

FILL W/ FLOWABLE MATERIAL

+50.00 87.00 ft. TOE PROTECTION SEE DETAIL EST. 9 TONS EST. 13 SYFF

-L- CS Sta. 80+44.75

-L- SC Sta. 80+26.44

PROPOSED SLOPE LIMIT

+50.00 78.00 ft.

FSR SEE DETAIL

R2237B-4 PINC 82+57.32

SPECIAL CUT DITCH SEE DETAIL

+90.00 56.00 ft.

+63.36 56.00 ft.

+50.00 56.00 ft.

2 FUEL- 6047 GAL 1FUEL- 400 GAL

UMTL CANOPY

3 GAS PUMPS

ISBLK BUS

+85.00 182.00 ft.

+00.00 95.00 ft.

+50.00 75.00 ft.

+50.00 80.00 ft.

+20.00 120.00 ft.

+50.00 105.00 ft.

+100.00 108.00 ft.

+50.00 130.00 ft

+25.00 94.00 ft.

-L- CS Sta. 91+80.18

NOTE: NO RIP RAP TO BE PLACED IN STREAM BED

199.37' N04°09'52"E

170.89' S17°50'41"W

125.29' S86°11'35"E

60" BLK WALL

1½SFD

36" STONE WALL

6"CONC

ISFD

JB W/ SLAB LID

72" RCP

15" RCP

18" RCP

2GI

4' CONC WW

5' CONC WW

6' CONC

4' RETAIN CONC

PROPOSED SLOPE LIMIT

SPRING TO HOUSE

TOE PROTECTION SEE DETAIL EST. 5 TONS EST. 9 SYFF

TOE PROTECTION SEE DETAIL EST. 9 TONS EST. 13 SYFF

18 JOHNNY J.& LILLIAN S.BISHOP DB 0725 PG 0604

20 WAYNE W.& DIANNA R.PRICE DB 0714 PG 0616

22 JAMES S.STORY & ROBERT MONEY DB 1030 PG 0436

23 AUDREY LENTZ BENTLEY DB 0376 PG 0276

24 DONALD WADE BENTLEY DB 0530 PG 0133

1½SBKD

36"CONC

S68°52'58"W 272.48'

260.00' S00°52'58"W

317.84' N17°48'58"E

147.87' S82°50'04"W

130.50' S36°23'52"W

174.43' S85°33'40"W

110.50' S68°38'32"W

DETAIL SPECIAL CUT DITCH (Not to Scale)

Natural Ground, 4:1, D, 4:1 or Flatter, Front Ditch Slope, PGL, Min. D = 1.0 Ft.

-L- 83+50 TO 84+50 (RT.)

DETAIL FSR FALSE SUMP (Not to Scale)

Outside Ditch Traffic Flow, 10ft, 20ft, 2.0 Ft, 0.5 Ft MIN., 1.0 Ft MAX., S=Ditch Slope, Proposed Ditch, 4TO1

-L- 83+50 (RT.)

DETAIL TOE PROTECTION (Not to Scale)

Natural Ground, Fill Slope, Filter Fabric, Type of Liner = CL. 'I', d= 1.0 Ft

-L- 79+25 TO 79+50 (RT.)
-L- 89+35 TO 89+50 (RT.)
-L- 91+75 TO 92+00 (RT.)

NOTES:

1. DRIVEWAY RETURN RADII ARE 10' UNLESS OTHERWISE SHOWN
2. ALL CSP WILL BE ROD LUG AND GASKET CONNECTOR

REFERNCES:

FOR -L- PROFILE SEE SHEET 38

01-SEP-2004 15:41
E:\Utilities\PSH_Utility_Proj\R-2237b_ut_UO_03psh_10.dgn
Projection: NC83SPCF

DS214771 Wednesday September 01 2004 R-2237b_ut_UO_03psh_10.m