8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-2237B	U0-22

UTILITIES BY OTHERS

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

NAD 83

-L-	
CURVE	LR25
PI	= 317+45.57
Δ	= 26° 04' 49.7" (RT)
Dc	= 2° 00' 00.0"
es	= 1° 30' 00.0"
Ls	= 150.00'
Ts	= 738.58'
Lc	= 1,154.02'
Rc	= 2,864.79'
LT	= 100.00'
ST	= 50.00'
e	= 0.04
DS	= 50 mph

-L-	
CURVE	LR26
PI	= 332+86.01
Δ	= 31° 03' 53.7" (LT)
Dc	= 7° 30' 00.0"
es	= 10° 30' 00.0"
Ls	= 280.00'
Ts	= 353.36'
Lc	= 134.20'
Rc	= 763.94'
LT	= 187.00'
ST	= 93.63'
e	= 0.08
DS	= 50 mph

NOTE: NO RIP RAP TO BE PLACED IN STREAM BED

+10.00 512.00 ft.

CL. 'I' RIP-RAP EST. 11 TONS EST. 22 SYFF

60" CSP, 8 Ga., 3x1 in., CORR.

60" CSP, 8 Ga., 3x1 in., CORR.

JB W/ SLAB LID

JB W/ SLAB LID

60" CSP, 8 Ga., 3x1 in. CORR. W/METHOD 'B' INSTALLATION.

JB W/ SLAB LID

113 J.EARL TINDEL DB 0699 PG 1015

PROP. O/H POWER LINES

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60" STRUCTURAL PLATE PIPE, 14ga. CORR. 6x2 in. CORR.

BEGIN EXPWY. GUTTER +00

-L- CS Sta. 323+11.01

TOE PROTECTION SEE DETAIL EST. 370 TONS EST. 522 SYFF

BREMCO POWER EASEMENT

BEGIN EXPWY. GUTTER +00

JB W/ SLAB LID

2GI

325+00

SPRING TO MOUSE

PERENNIAL EPHEMERAL

END EXPWY. GUTTER +50

15" RCP

15" RCP

15" RCP

JB W/ SLAB LID

37.5 TYP.

SPRING BOX

6" PVC

BREMCO POWER EASEMENT

+50, CAT -1

113 J.EARL TINDEL DB 0699 PG 1015

15" CSP W/ 2 ELBOWS

TOE PROTECTION SEE DETAIL EST. 212 TONS EST. 300 SYFF

-L- ST Sta. 324+61.01

HW

N 57° 01' 00.3" W

CL. 'I' RIP-RAP EST. 2 TONS EST. 6 SYFF

-BL-

24" CMP

RET. WALL

EXISTING R/W

MTL.

6" CURB

12"

+69.14 303.17 ft.

BL-40 PINC 329+33.40

+46.75

+35.11

CONC HW

ROCK

ROCK

+70.21

MATCHLINE -L- STA. 323+00.00

SEE SHEET UO-21

-L- TS Sta. 329+32.66

REMOVE

BL-42 PINC 338+29.80

+94.93 181.96 ft.

+50.02 199.66 ft.

+49.96 155.86 ft.

+13.00 EX.R/W

-BL-

24" CMP

RETAIN

-L- CS Sta. 333+46.85

+50.00 EX.R/W

+83.70 198.05 ft.

205.70 ft.

50L

EXISTING R/W

N 12° 42' 43.5" E

SPECIAL LAT. 'V' DITCH SEE DETAIL

S 63° 58' 17.7" W

+74.TIE TO EXISTING GUARDRAIL

EXIST.

4'

20GI

35 TYP.

ROCK

EXISTING R/W

10'

2GI

REMOVE

REMOVE

+20.TYPE 350

15" RCP

FSR SEE DETAIL

2GI

SPECIAL LAT. 'V' DITCH SEE DETAIL

-L- SC Sta. 332+12.66

PROPOSED DOUBLE-FACED BARRIER

BL-41 PINC 334+89.59

8" RCP

CL. 'I' RIP-RAP EST. 4 TONS EST. 10 SYFF

+07.00 EX.R/W

114 EVERETTE F. & CHERYL P.TUCKER,JR DB 0953 PG 0096 PB 11 PG 19

+76.08 207.68 ft.

+30.04 268.97 ft.

114 EVERETTE F. & CHERYL P.TUCKER,JR. DB 1171 PG 0857 DB 0953 PG 0094 PB 11 PG 19

+61.22 325.19 ft.

N 16° 39' 49" E 622.3'

DETAIL TOE PROTECTION (Not to Scale)

Natural Ground — Fill Slope — d — d= 1.0 Ft

Filter Fabric Type of Liner = CL. 'I'

-L- 323+00 TO 328+32 (RT.)
-L- 323+00 TO 328+75 (LT.)
-L- 333+60 TO 334+50 (LT.)

DETAIL SPECIAL LATERAL 'V' DITCH (Not to Scale)

Natural Ground — 1.5ft — D — 4:1 or Flatter — Fill Slope

Min. D = 1.0 Ft.

+50.00 275.00 ft.

+50.00 280.00 ft.

607.27' N75°58'29"E

+10.00 400.00 ft.

670.70' N02°01'07"E

+35.00 385.00 ft.

REMOVE

CL. 'I' RIP-RAP EST. 7 TONS EST. 15 SYFF

TOE PROTECTION SEE DETAIL EST. 113 TONS EST. 160 SYFF

113 J.EARL TINDEL DB 0699 PG 1015

24" CSP W/ 2 ELBOWS

-L- SRS Sta. 336+26.85

END EXPWY. GUTTER +00

BEGIN EXPWY. GUTTER +00

JB W/ SLAB LID

24" CSP

+74.TIE TO EXISTING GUARDRAIL

EXIST.

4'

2GI

2GI-A

FSR SEE DETAIL

BL-43 PINC 342+16.11

SPECIAL LAT. 'V' DITCH SEE DETAIL

ROCK

ROCK

+50.00 280.00 ft.

526.14' N02°46'01"E

+20.00 135.00 ft.

116 JAMES E.& MARY B.DAYE DB 0700 PG 1327

FILL WITH FLOWABLE MATERIAL

115 RUPERT T.& WILLA DEAN SIGMON DB 0773 PG 0030 PB 11 PG 19

DETAIL FSR FALSE SUMP

Outside Ditch Traffic Flow — 0.5 Ft MIN. 1.0 Ft MAX. — 2.0 Ft — 10ft — 20ft — 4% — 4% — (Not to Scale) — S=Ditch Slope — ℄ Proposed Ditch

-L- 329+50 (RT.)
-L- 334+00 (RT.)
-L- 329+77 (RT.)

MATCHLINE -L- STA. 337+00.00

SEE SHEET UO-23

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 57

01-SEP-2004 15:24
E:\Utilities\Proj\NR-2237b_ut_UO_22psh_29.dgn
$user$ $$DS214771

DS214771 Wednesday September 01 2004 R-2237b_ut_UO_22psh_29.m