8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-2237B	UO-13

UTILITIES BY OTHERS

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

1	6/17/03	CHANGED PROPERTY OWNER, PARCEL 59
1	6/17/03	ADDED PROPERTY LINE AND REASSIGNED PARCEL 66
1	6/17/03	ADDED PROPERTY LINE FOR PARCELS 71 AND 72
1	6/17/03	CHANGED PROP. R/W FOR PARCEL 64
1	6/17/03	COMBINED PARCEL 65 AND 66
2	7/22/03	ADJUSTED R/W, PARCEL 61, 63, 67
2	7/22/03	ADDED DRIVEWAY, PARCEL 62
3	8/15/03	ADDED BREMCO POWER EASEMENT

MATCHLINE -L- STA. 211+00.00 SEE SHEET UO-12

MATCHLINE -L- STA. 223+00.00 SEE SHEET UO-14

NAD 83

-L- SRS Sta. 211+01.49

-L- SC Sta. 213+46.49

-L- CS Sta. 217+01.03

-L- SRS Sta. 219+46.03

-L- SC Sta. 222+26.03

-L- CS Sta. 222+76.73

PROP. O/H POWER & TEL. LINES

REMOVE

-L-	
CURVE	LR16
PI	= 215+60.00
Δ	= 62° 27' 26.2" (LT)
Dc	= 10° 25' 02.7"
θs	= 12° 45' 40.8"
Ls	= 245.00'
Ts	= 458.52'
Lc	= 354.55'
Rc	= 550.00'
LT	= 163.76'
ST	= 82.05'
e	= 0.08
DS	= 45 mph

-L-	
CURVE	LR17
PI	= 222+54.79
Δ	= 24° 48' 07.0" (RT)
Dc	= 7° 30' 00.0"
θs	= 10° 30' 00.0"
Ls	= 280.00'
Ts	= 308.76'
Lc	= 50.69'
Rc	= 763.94'
LT	= 187.00'
ST	= 93.63'
e	= 0.08
DS	= 50 mph

MARGO W. CARTER DB 1274 PG 916

MARK T. & MIRIAM C. FULLAM DB 1282 PG 1504

MAVIS B. ROBBINS DB 0559 PG 0355

SUE KNIGHT WILLIAMS DB 0743 PG 0949

HAZEL TURNER DB 0593 PG 0484

CARL & JUDY M.BOCCHICCHIO DB 0922 PG 0499

MICHAEL & DIANE WALSH DB 1129 PG 0093

JOHN R.& MADELEINE WRIGHT DB 1093 PG 1033

NATHAN HUFFSTETLER,HEIRS DB 0622 PG 0123

MARGARET S.RUSSELL DB 0598 PG 0127

PERCY H.& HAZEL G.LEE DB 0670 PG 0106

CARL & JUDY M.BOCCHICHIO DB 0922 PG 0499

MICHAEL & DIANE WALSH DB 1129 PG 0093

BL-27 PINC 222+22.73 N 45° 48' 12.9" W

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

CL. 'I' RIP-RAP EST. 3 TONS EST. 9 SYFF

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

SPECIAL CUT DITCH SEE DETAIL

SPECIAL LATERAL 'V' DITCH SEE DETAIL

FILL WITH FLOWABLE MATERIAL

FSR SEE DETAIL

FSL SEE DETAIL

15" CSP W/ 2 ELBOWS APPROX. LOCATION END NOT FOUND

15" CSP W/ ELBOWS

BEGIN EXPWY. GUTTER +50 PINC 215+46.23 BL-26

END EXPWY. GUTTER TYPE

REVISED LINE-TIED EIP

24" VERTICAL CMP IND COVER

ENSTONE N/W

BREMCO POWER EASEMENT

ISFD

ISBKD

CONC

SOIL

EUZABETH C.FREE DB 1265 PG 0875

JOHNSON T.& LOIS G.SHOUN DB 1053 PG 1370

THERESA SHERMAN,et al DB 0148 PG 0485

W.C.PALMER & CHARLES G.COFFEY DB 0548 PG 0303

& UNKNOWN PROPERTY OWNER

STEWART SHOEMAKER DB 0982 PG 0515

LEWIS E.& SHIRLEY HOLLARS DB 0662 PG 1761

DETAIL
SPECIAL CUT DITCH
(Not to Scale)

Natural Ground, 2:1 D, 4:1 or Flatter, Front Ditch Slope, PGL, Min. D = 1.0 Ft.

-L- 211+00 TO 211+50 (RT.)
-L- 212+00 TO 213+50 (LT.)

DETAIL FSR
FALSE SUMP
(Not to Scale)

Outside Ditch Traffic Flow, 0.5 Ft MIN., 1.0 Ft MAX., 10:1, 20:1, 2.0 Ft, GI etc., S=Ditch Slope, ℄ Proposed Ditch

-L- 214+50 (RT.)

DETAIL FSL
FALSE SUMP
(Not to Scale)

Outside Ditch Traffic Flow, 0.5 Ft MIN., 1.0 Ft MAX., 10:1, 20:1, 2.0 Ft, GI etc., S=Ditch Slope, ℄ Proposed Ditch

-L- 211+75 (LT.)
-L- 222+50 (LT.)

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

Natural Ground, 2:1 D, 4:1 or Flatter, Fill Slope, Min. D = 1.0 Ft.

-L- 214+50 TO 217+50 (RT.)

NOTES:

1. DRIVEWAY RETURN RADII ARE 10' UNLESS OTHERWISE SHOWN
2. ALL CSP WILL BE ROD LUG AND GASKET CONNECTOR
3. DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED DUE TO HORIZONTAL RADIUS AT STA. -L- 215+60

REFERNCES:
FOR -L- PROFILE SEE SHEET 48

01-SEP-2004 16:31
E:\Utilities\R-2237b_ut_UO_13psh_20.dgn

DS214771 Wednesday September 01 2004 R-2237b_ut_UO_13psh_20.m