MATCHLINE STA: 1077+50

MATCHLINE STA: 1085+00

R/W

R/W

R/W

TO GUNTERSVILLE

TO HUNTSVILLE

SPEED LIMIT 55

U.S. HIGHWAY 431 / SR-1

(206' RIGHT-OF-WAY)

42" RCP
TF = 583.09'

24" RCP
TF = 583.49'

24" RCP
TF = 583.49'

24" RCP
TF = 583.49'

24" RCP

INVERT IN = 576.03

SABLE DRIVE

WATER DRIVE

EOP

EOP

12.6'

22.7'

65.8'

26.4'

10'

6'

16.6'

1078+00

1079+00

1080+00

1081+00

1082+00

1083+00

1084+00

1085

PROPOSED 48" DIP WM (200 LF RJ)

PROPOSED 48" 22.5° BEND (RJ)
STA=1080+87.65, 48.86'R

PROPOSED 48" 22.5° BEND (RJ)
STA=1081+00.72, 48.74'R

FUTURE 48" FW

REMOVE AND REPLACE EXISTING HEADWALL

PROPOSED 48" 22.5° BEND (RJ)
STA=1083+43.65, 49.08'R

PROPOSED 48" 22.5° BEND (RJ)
STA=1083+63.25, 48.59'R

PROPOSED 48" DIP WM (200 LF RJ)

EXISTING 6" GAS MAIN

PROPOSED 48" DIP WM

2" WELDED STEEL
HORIZONTAL LOCATION MARKED ONLY

8" SEWER PIPE / 8S DENOTES 8" SEWER
FOR NEW HOPE UTILITIES
"sewer diameter shown based on sewer layout map from original sewer construction. Size has not been field verified."

1
C-9501

CREEK CROSSING
(APPROX. 70 LF)

WETLAND BOUNDARY

POLYWRAP PIPE
PARALLEL TO
GAS MAIN

PROPOSED 48" DIP WM (RJ)

INV. OUT = 576.03

INV. IN = 576.34'

MANHOLE # 14
RIM ELEV. = 584.92'

INV. IN = 572.54'

INV. OUT = 571.44'

5.5'

NOTES:

1. ALL DISTURBED AREAS SHALL BE RESODDED OR SEEDED IN ACCORDANCE WITH THE LATEST ALDOT SPECIFICATIONS FOR GRASSING OR AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION'S DISTRICT MANAGER.
2. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. THE UTILITY AGREES TO ABIDE BY AND FOLLOW THE GUIDELINES SET FORTH IN THE ALABAMA HANDBOOK FOR EROSION CONTROL AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS.
4. ALL MANHOLES, VALVE BOXES, AND HANDHOLES SHOULD BE MOUNTED FLUSH WITH EXISTING GROUND.

0 15' 30' 60'

SCALE: 1" = 30'

SCALE
HORIZ. 1" = 30'
VERT. 1" = 3'

EXISTING GRADE AT
CENTERLINE OF ROAD

6'H x 42'W BOX CULVERT

EXISTING GRADE
OVER PROPOSED PIPE

36" MIN.

36" MIN.

PROPOSED
48" DIP WM

48" 22.5° BEND

48" 22.5° BEND

EX GRAVITY SS

18" MIN.

48" 22.5° BEND

48" 22.5° BEND

594 592 590 588 586 584 582 580 578 576 574 572 570 568 566

1077+50 1078+00 1078+50 1079+00 1079+50 1080+00 1080+50 1081+00 1081+50 1082+00 1082+50 1083+00 1083+50 1084+00 1084+50 1085+00

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BID SET

ALABAMA
LICENSED
PROFESSIONAL
ENGINEER
CHRISTIAN R. DAVALOS
10126
10/9/14

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES

SOUTHEAST WATER TREATMENT PLANT

FINISHED WATER MAIN PLAN AND PROFILE STA 1077+50 TO 1085+00

Project No.:	200-11740-10003
Designed By:	DNL
Drawn By:	WDV
Checked By:	JPT

C-2050

Copyright: Tetra Tech

Bar Measures 1 inch

10/9/2014 6:07:00 PM P:\JER\11740\200-11740-10003\CAD\SHEETFILES\TREATMENT PLANT\FW C-2049 TO C-2052.DWG DAVALOS, PAULA