| FHWA REGION NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 7 | KANSAS | 87 N-0303-01 | 2003 | 41 | 143 |

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL

STA 60+11.24 LINE 1
= BL STA 106+00,17.0' LT
CONSTRUCT REINF CONC MANHOLE
(5'-0" X 5'-0")
ELEV= 82.67 RIM

Sta. 59+11.23, Line 1
B.L. Sta. 105+00, 17.00' Lt.
Match Point

CAUTION! Existing Gas S/L Crosses

CAUTION! Existing 2" Gas Crosses

CAUTION! Existing 20" NatGas 2" Gas Crosses

CAUTION! Existing SWB Wtr S/L Crosses

STA 63+26.23 LINE 1
= BL STA 109+15, 17.0' LT
= STA 0+00 LINE 1BB & 1CC
CONSTRUCT REINF CONC MANHOLE
(5'-0" X 5'-0")
ELEV= 81.72 RIM
END 30" RCP LINE 1
BEGIN 24" RCP LINE 1
SEE SWS 15
LINE 1BB & 1CC PROFILE

STA 0+14.5 LINE 1BB
BL STA 109+15, 31.5' RT
CONSTRUCT TYPE 1 INLET
(11'4"x4'4") PER DETAIL
ELEV = 81.72 TOP
END LINE 1BB
SEE SWS 15

CAUTION! Existing Wtr S/L 6" Gas Crosses SWB Parallels

CAUTION! Existing Wtr S/L 2" Gas Crosses

Sta. 65+11.23, Line 1
B.L. Sta. 111+00, 17.00' Lt.
Match Point

LINE 1
30" RCP

LINE 1BB
15" RCP

LINE 1CC
15" RCP

STA 0+48.50 LINE 1CC
BL STA 109+15, 31.5' RT
CONSTRUCT TYPE 1 INLET
(11'4"x4'4") PER DTL SHT
ELEV = 81.72 TOP
END LINE 1CC
SEE SWS 15

CAUTION! Existing 16" Wtr Crosses

NOTE: Contractor to use caution during excavation on this Project. Multiple Underground Utilities parallel and cross New Construction. Underground Utilities are shown located according to the best information available at the time of drawing.
Contractor to FIELD VERIFY exact locations and depths PRIOR TO Construction on this Project.

FAIRHAVEN

48TH STREET SOUTH

66' Williams Pipeline Esmt

BL = SECTION LINE

30" SAN SEWER (RCP)

Ex 16" Wtr (Cast Iron)

Ex 6" Gas (CS)

PROP. 16" WTR RELOCATION

Wtr Probe 78.18 T.P.

SSMH 5641-015

SSMH 5641-016

Rock Drive

NOT FOUND SWS

Ex Asph

Concrete

Grass

59+00 59+50 60+00 60+50 61+00 61+50 62+00 62+50 63+00 63+50 64+00 64+50 65+00

106+00 107+00 108+00 109+00 110+00 111+00

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6" Wtr (Verify) Sta. 59+11.23 Line 1 B.L. Sta. 105+00, 17.00' Lt. Match Point

Gas S/L (Verify)

STA 60+11.24 LINE 1 = BL STA 106+00,12.0' LT

REINF CONC MANHOLE ELEV= 82.67 RIM

2" Gas (Verify)

20" Nat Gas - Williams CAUTION 24.85C.1.1 (Verify)

8" SS (Verify)

2" Gas (Verify)

SWS (Verify)

Wtr S/A (Verify)

STA 63+26.23 LINE 1 = BL STA 109+15, 17.0' LT

REINF CONC MANHOLE ELEV= 81.72 RIM
STA 0+00 LINE 1BB
= STA 0+00 LINE 1CC

Wtr S/A (Verify)

2" Gas (Verify)

Sta. 65+11.23 Line 1 B.L. Sta. 111+00, 17.00' Lt. Match Point

8" Wtr 77.20 T.P.

6" Wtr Relocated 73.50 T.P.

30" RCP ~ LINE 1

305.1LF 30" PIPE @ +0.21%

315.0LF 30" PIPE @ +0.21%

268.0LF 24" PIPE @ +0.21%

8" SS FL= 68.64±

LINE 1

80 70 60

R= 75.08 R= 75.18 R= 75.29 R= 75.31 R= 75.50 R= 75.60 R= 75.71 R= 75.81 R= 75.92 R= 75.97 OUT 30" S R= 76.47 IN 24" N R= 77.22 IN 15" E R= 77.22 IN 15" W R= 76.52 R= 76.62 R= 76.73 R= 76.83

59+00 60+11.24 61+00 62+00 63+00 +26.23 64+00 65+00

| PROJECT NUMBER | SHEET NAME | ENGINEERING DIRECTORY |
|---|---|---|
| 472-83902 | SWS11 | F:\ENG\HYD2\SWS |

| DESIGN | DRAWN | APPROVED | DATE | SCALE | BAUGHMAN NO |
|---|---|---|---|---|---|
| KK | STAFF | JFB | March 04 | 1:20, 1:5 | 99-09-E451 |

CAPITAL IMPROVEMENT PROJECT
HYDRAULIC PH2 STORM WATER SEWER
LINE 1

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
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