FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0303-01	2003	36	143

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

Sta. 28+96.48, Line 1
B.L. Sta. 69+00, 32.50' Lt.
Match Point

CAUTION! Existing SWB x2 Parallels Over

Sta 30+45.78 LINE 1
= BLSta 76+49.54
Encase 12.0 LF Exstg 8" SS
Field Verify Depth and Location of Existing Sanitary Sewer.

CAUTION! Existing Gas S/L Crosses

=STA 26.11 LINE 1L
= BL STA 76+75, 60.0' LT
CONSTRUCT DROP INLET (DOUBLE) PER DETAIL
ELEV= 77.50 TOP
END LINE 1L
SEE SWS 14

LINE 1L
15" RCP

20'x 15' DRAINAGE ESMT

STA 30+71.45 LINE 1
= BL STA 76+75, 32.5' LT
= STA 0+00 LINE 1L
CONSTRUCT MANHOLE STACK OVER 7'x 5' RCBC PER DETAIL
ELEV= 77.25 RIM
SEE SWS 14
LINE 1L PROFILE

CAUTION! Existing Wtr S/L Crosses

Sta 32+95.50 LINE 1
= BLSta 79+00
Encase 12.0 LF Exstg 8" SS

CAUTION! Existing SWB x2 Parallels

STA 32+79.63 LINE 1
BL STA 78+83.15
Abandon Ex. Sanitary Sewer

CAUTION! Existing Wtr S/L Gas S/L SWB Crosses

LINE 1
7' x 5' RCBC

STA 33+05.20 LINE 1
= BL STA 79+08.75, 32.5' LT
= STA 0+00 LINE 1M
CONSTRUCT MANHOLE STACK OVER 7'x 5' RCBC PER DETAIL
ELEV= 77.25 RIM
SEE SWS 14
LINE 1M PROFILE

CONTRACTOR SHALL ADJUST AND CONNECT EX. 30"x19" HECMP SWS TO RCB AS NECESSARY. COST OF CONNECTION TO BE INCIDENTAL TO PROJECT.

CAUTION! 10" SS & 8" Water Crosses

STA 34+09.92 LINE 1
= BL STA 80+07.03, 22.5' LT
END 7'x5' RCBC
BEGIN 6'x4' RCBC

STA 0+11.91 LINE 1EE
= BL STA 80+28.50, 31.5' LT
CONSTRUCT TYPE 1 INLET
11'4"x4'4" PER DETAIL
ELEV = 76.73 TOP
END LINE 1O
SEE SWS 14

STA 34+23.59 LINE 1
= BL STA 80+20.70, 22.5' LT
= STA 0+00 LINE 1N
= STA 0+00 LINE 1O
CONSTRUCT MANHOLE STACK OVER 6'X4' RCBC PER DETAIL
ELEV= 76.53 RIM
SEE SWS 14
LINE 1N PROFILE

CAUTION! Existing 4" Gas Parallels Over

LINE 1
6' x 4' RCBC

CAUTION! Existing SWB 4" Gas Crosses

CAUTION! Existing 16" Water Crosses

CAUTION! Existing Gas S/L Crosses

STA 33+83.45 LINE 1
= BL STA 79+92.5, 32.5' LT
P.I. 45° BEND

STA 34+05.39 LINE 1
= BL STA 80+02.5, 22.5' LT
P.I. 45° BEND

LINE 1M
15" RCP

LINE 1N
15" RCP

LINE 1O
15" RCP

Sta. 35+02.89, Line 1
B.L. Sta. 81+00, 22.50' Lt.
Match Point

STA 0+66.55 LINE 1M
= BL STA 79+27, 31.5' RT
CONSTRUCT TYPE 1 INLET
11'4"x4'4" PER DETAIL
ELEV = 76.78 TOP
END LINE 1M
SEE SWS 14

STA 0+54.00 LINE 1N
= BL STA 80+20.7, 31.5' RT
CONSTRUCT TYPE 1 INLET
11'4"x4'4" PER DETAIL
ELEV = 76.73 TOP
END LINE 1N
SEE SWS 14

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.

53RD ST SO

PROP. 8" WTR RELOCATION

MONA LANE

PROP. 6" WTR RELOCATION

Wtr Probe 71.48 T.P.

Wtr Probe 71.70 T.P.

Wtr Probe 71.85 T.P.

SSMH 5641-005

SSMH 5641-006

Existing 8" SAN SEWER

Existing 10" SAN SEWER

97.72 Back
97.72 Ahead

Rock Drive

BL = SECTION LINE

Ex. 4" Gas (BS)

Ex. 18" Wtr (A.C.)

Ex. 4" Wtr (Cast Iron)

30" SAN SEWER (RCP)

OHE, OHSWB, OHCaTV

KG & E EASEMENT

Existing Ground over SWS

Finished Grade over CL SWS

SWB x2 Parallels Over

575.0LF 7'x5' RCBC @ +0.10%

233.79 LF 7'x5' RCBC @ +0.10%

78.25 LF 7'x5' RCBC @ +0.10%

14.16LF +0.14%

18.2LF +0.10%

230.3LF 6'x4' RCBC @ +0.10%

Prop 10" SS By Others

8" San Swr W To Be Abond

Prop 10" SS FL=63.30 Verify

Prop 8" WL Verify Depth

4" GAS Parallels Over

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-83902	SWS06	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
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET 36 OF 143