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

Sta. 16+50.00
Match Point

Sta. 18+06.49 Waterline 1=
B.L. 1 Sta. 46+71.58, 15.19 Lt.
N. 12345.68 E. 10032.57
Install 1-12" 45° C.I.M.J. Bend Lt.

DANGER !
Existing
12" KGS
Crossing

Sta. 18+15.10 Waterline 1=
B.L. 1 Sta. 46+77.67, 21.28 Lt.
N. 12351.67 E. 10026.39
Install 1-12" 45° C.I.M.J. Bend Rt.

Sta. 19+50.00 Waterline 1=
B.L. 1 Sta. 48+12.57, 21.28 Lt.
N. 12486.55 E. 10024.18
Begin Trenchless Installation

BM #2
N 12673.59 E 9958.64
SW. Cor., NW. 1/4,
Sec. 28, Twp. 26S, R 1E

Sta. 22+00.00
Match Point

35+00 36+00 37+00 38+00 39+00 B.L. 2 = SECTION LINE 40+00 41+00

Railroad Tracks
BNSF RR

Ex. 100' AT&SF RR R/W

Install 156.49 L.F. 12" Pipe

Sta. 17+50.00 Waterline 1=
B.L. Sta. 46+15.09, 15.19 Lt.
N. 12289.20 E. 10033.50
Deflect Pipe 1°57'06" (Down)

LINE 1

Install 384.90 L.F. 12" Pipe

PI 19+00

Ex. 16" Products Line (Conoco Phillips)

PI 21+00

Ex. 12" Propane (Conoco Phillips)

Ex. 8" HP NG Pipeline (Quest)

PI: 40+00.00

17+00 18+00 19+00 20+00 21+00 22+00

Existing 12" RPSC KGS Gas

FH

EOA

45+00 46+00 47+00 48+00 49+00 B.L. 1 = CENTERLINE 50+00 51+00

Ex. Ashphalt Pavement

N. OLD LAWRENCE RD.

Bridge

Ex. 50' R/W

ATT MH

Install 8.61 L.F. 12" D.I.C.L. Pipe

NOTE:
Contractor shall be Required to Fully expose (Saddle Trench) the Quest Pipeline for a Minimum Depth of two (2) feet below the Bottom of the Pipe Prior to Crossing by Directional Drilling for Verification by Quest Pipeline Representatives. Hand Digging Operations will be Required to Expose the Quest pipeline. Quest Pipeline Representatives shall be Notified and Present during Trenching and Crossing operations.

Contractor shall be Required to Participate in a Safety Meeting with Quest Pipeline Representatives prior to any Pipeline Crossing Operations.

DANGER !
Ex. 16" Products Pipeline (Conoco Phillips) Crossing

DANGER !
Ex. 12" Propane (Phillips)
Ex. 8" HP Natural Gas (Quest) Crossing

Adolph E. & Rogene L. Moeckl
4118 N. Old Lawrence

Robert D. & Sherry R. Etal Hirschler
4124 N. Old Lawrence

Complete Landscaping Systems Inc.

BLA,

1/4 SECTION LINE

30'X30' PIPELINE EASEMENT (FILM 1823, PG 1314)

30' 30' 30'

Sta. 16+50.00 Match Point
Sta. 17+50.00 Waterline 1= B.L. Sta. 46+15.09, 15.19 Lt. N. 12289.20 E. 10033.50 Deflect Pipe 1°57'06" (Down)
Sta. 18+06.49 Waterline 1= B.L. 1 Sta. 46+71.58, 15.19 Lt. N. 12345.68 E. 10032.57 Install 1-12" 45° C.I.M.J. Bend Lt.
Deflect Pipe 1°57'06" (Up)
Existing 12" KGS Gas
Sta. 18+15.10 Waterline 1= B.L. 1 Sta. 46+77.67, 21.28 Lt. N. 12351.67 E. 10026.39 Install 1-12" 45° C.I.M.J. Bend Rt.
Sta. 19+50.00 Waterline 1= B.L. 1 Sta. 48+12.57, 21.28 Lt. N. 12486.55 E. 10024.18 Begin Trenchless Installation
Ex. 16" Conoco Phillips Pipeline (Depth per Pipeline Operator Record)
Ex. 12" Conoco Phillips Pipeline (Verify)
Ex. 8" Quest Pipeline (Verify)
Sta. 22+00.00 Match Point

1325 1320 1315 1310 1305 1300

Ex. Ground @ ℄ of Pipe

P.V.I. P.V.I. P.V.I.

CAUTION ! Existing 12" KGS Gas Parallel

250.00 L.F. 12" Pipe by Trenchless Installation

T.P. = 1318.58 1318.58 1318.58 1316.87 1316.66 1316.66 1316.66 1316.66 1316.66 1313.16 1310.82 1311.63 1312.55 1316.56

16+50.00 17+00.00 17+50.00 18+00.00 18+06.49 18+15.10 19+00.00 19+00.00 19+50.00 20+00.00 20+50.00 21+00.00 21+50.00 22+00.00

LINE 1

Drawing File: E:\Projects\I235 & Broadway Waterline\Civil 3d\Base

Design:	JFB
Drawn:	JDM
Approved:	JFB
Scale:	NOTED

Project No. 09-09-E380

I-235 & BROADWAY Distibution System
Line 1, Sta. 16+50 to Sta 22+00

Baughman Company , P.A.
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

January 2010

SHEET 7 OF 14