Sta. 420+00.00, Line DII-D3 = @ Sta. 229+43.62, 96.55' Lt.
Const. Drop Inlet (Double), DII
(L=4.0')(W=2.0')
Install 15" x 36.9' Storm Sewer (RCP)(SE)
See Sheets 24-32
252

Sta. 229+40.53, 31.85' Lt.
Remove Exist. Inlet
Remove 24" x 49.0 L.F. Storm Sewer (E) with End Section
232

Sta. 420+36.90, Line DII-D3 = @ Sta. 229+74.03, 75.88' Lt.
Const. Inlet (Type IA), D8
(L=10.0')(W=3.0')
Install 18" x 26.4' Storm Sewer (RCP)(SE)
See Sheets 24-32

Sta. 420+63.30, Line DII-D3 = @ Sta. 229+83.14, 50.18' Lt.
Const. Area Inlet (Back Yard Inlet), D9
Install 23"x14" x 26.1' Storm Sewer (HERCP)(SE)
See Sheets 24-32
233

Sta. 400+00.00, Line DI-Dout = @ Sta. 230+64.65, 43.55' Lt.
Const. Area Inlet (Back Yard Inlet), DI
Install 24" x 20.6' Storm Sewer (RCP)(SW)
See Sheets 24-32
236

Sta. 400+20.60, Line DI-Dout = @ Sta. 230+54.15, 25.77' Lt.
Const. 4.0' Dia. Manhole, D2
Install 24" x 68.1' Storm Sewer (RCP)(W)
See Sheets 24-32
235

Sta. 231+24.56,
Remove 24" x 55.3' Storm Sewer (RCP)

Sta. 400+88.70, Line DI-Dout = Sta. 420+89.40, Line DII-D3 = @ Sta. 229+86.95, 22.90' Lt.
Const. Inlet (Type IA), D3
(L=10.0')(W=3.0')
Install 24" x 156.5' Storm Sewer (RCP)(W)
See Sheets 24-32
234

Sta. 230+91.28, 53.23' Rt.
Install 6'x3' Precast End Section
Install 32.1 S.Y. Slope Protection (Rip-Rap, Light Stone)(T=1.5')
℄ = 1365.93
See Sheets 24-32
237

Sta. 900+72.60, Line II-Tout = @ Sta. 231+09.40, 24.50' Rt.
Connect to Proposed RCB
See Sheets 24-32
240

Sta. 231+20.44,
Install 6.0'x3.0' x 133.1' (RCB)(Precast)
78.4' Lt., 54.7' Rt. with Precast End Sections
Rotate 28.9° Rt.
See Sheets 24-32

Sta. 231+29.72,
Remove 36" x 54.9' Storm Sewer (RCP)

Sta. 900+00.00, Line II-Tout
@ Sta. 231+82.00, 22.00' Rt.
Const. Inlet (Type IA), II
(L=5.0')(W=5.0')
Install 38"x24" x 72.6' Storm Sewer (HERCP)(W)
See Sheets 24-32
242

Sta. 231+60.97, 73.99' Lt.
Install 6'x3' Precast End Section
Install 46.7 S.Y. Slope Protection (Rip-Rap, Light Stone)(T=1.5')
℄ = 1368.00
See Sheets 24-32
238

Sta. 801+36.00, HI-Hout = @ Sta. 231+37.01, 24.00' Lt.
Connect to Proposed RCB
See Sheets 24-32
239

Richard H. & Nancy J. Mueller
3330 E. 45th St. N.
Wichita, KS 67220

Sta. 800+90.10, Line HI-Hout = @ Sta. 231+82.00, 22.00' Lt.
Const. Inlet (Type IA), H2
(L=5.0')(W=4.0')
Install 34"x22" x 45.9' Storm Sewer (HERCP)(E)
See Sheets 24-32
241

Sta. 800+00.00, Line HI-Hout = @ Sta. 232+75.18, 42.59' Lt.
Install 34"x22" End Section, HI
Install 34"x22" x 90.1' Storm Sewer (HERCP)(NE)
See Sheet 24-32
243

Sta. 233+86.35, 32.52' Lt.
Install 34"x22" End Section
Install 15.1 S.Y. Slope Protection (Rip-Rap, Light Stone)(T=1.5')
℄Out = 1371.61
See Sheets 24-32
244

Sta. 234+11.53, 26.92' Lt.
Remove 42"x27" x 37.0 L.F. Storm Sewer (CMP)
Remove Exist. Stone Headwalls on both Ends of Exist. Pipe

Sta. 234+12.44, 30.78' Lt.
Install 34"x22" x 42.4' Storm Sewer (HERCP)
See Sheets 24-32

Sta. 234+38.53, 29.05' Lt.
Install 34"x22" End Section
Install 15.1 S.Y. Slope Protection (Rip-Rap, Light Stone)(T=1.5')
℄In = 1371.88
See Sheets 24-32
245

SCALE
20' 0 20' 40'
1"=20'

MATCHLINE STA. 229+25.00

Line D8
Line D9
Line D3
Line D2
Line DI
Line HI
Line H2
Line II
Exist. R/R R/W
Perm. Drain. Esmt.
Perm. Esmt. for R/R
U.P.R.R.
℄ of Railroad Tracks
45TH STREET
℄ Proposed Improvements = ℄
50.0' ℄ to R/W
Temp. Esmt.
Exist. R/W
Exist. 2" Gas Line (Southern Star)
Exist. 12" PE KANSAS GAS SERVICE GAS LINE
Exist. 12" C.I.P. CITY OF BEL AIRE WATER LINE
Exist. 16" CITY OF WICHITA WATER LINE
Exist. 16" SOUTHERN STAR HIGH PRESSURE GAS LINE
Exist. 8" STND PIPE
Exist. 6" OPTIC
Exist. 12" OHE

Koch Real Estate Holdings, Inc.
4260 N. Hillside Avenue
Wichita, KS 67219

Note:
The Contractor shall coordinate with the utility companies prior to construction in the area to locate any existing utilities not shown on the plans, or utilities that have been relocated due to the construction project.

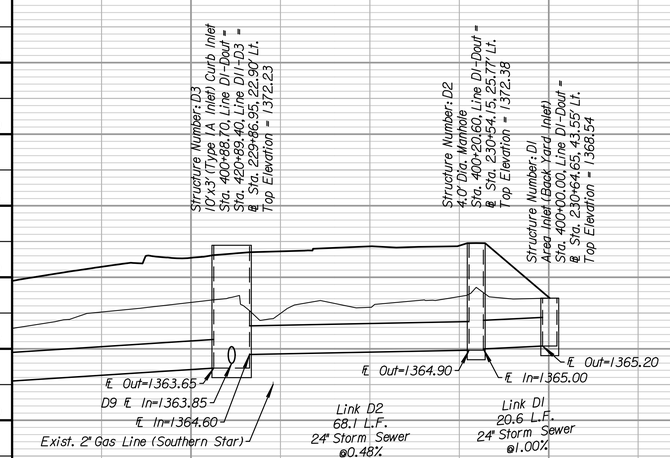
Any storm sewer adjacent to the curb & gutter or under any proposed pavement on mainline, sideroads or entrances shall be backfilled in accordance with the City of Wichita Specifications unless otherwise noted on the plans or by the Engineer.

The Contractor shall coordinate with the U.P.R.R. prior to installing storm sewer and Rip-Rap Stone around the railroad tracks, in case the U.P.R.R. shall want an individual present upon the excavation for the storm sewer.

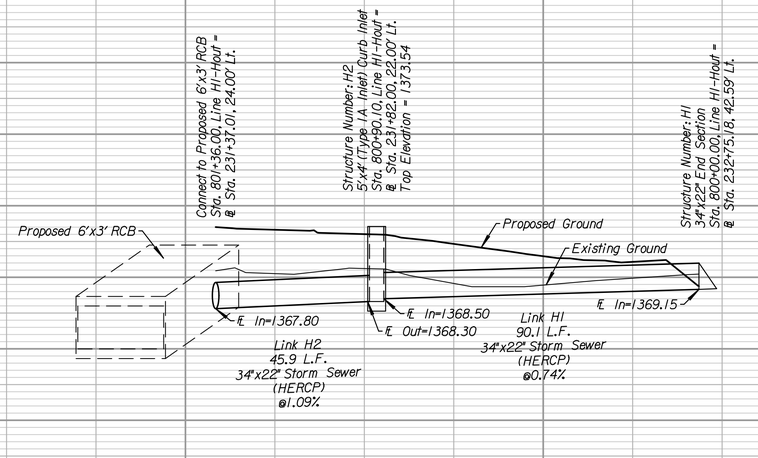
For Line H5, D8, & D9 profiles, See Sheet 32

The DOT number for the 45th Street railroad crossing is 595024G

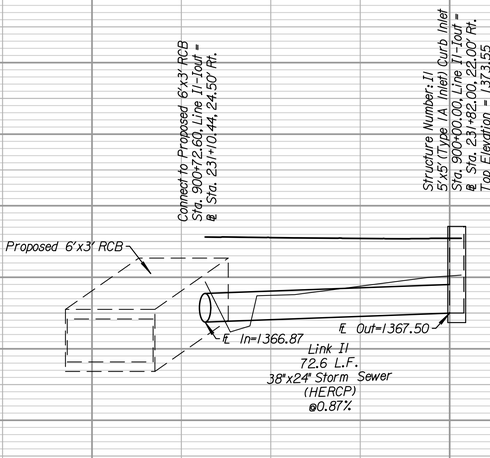
All utilities shown in the profile are shown at approximate depths and drawn in with the best information supplied by the utility companies. The Contractor is responsible for field verifying the locations and depths of utilities prior to construction in that area.



LINE D



LINE H



LINE I

Trans Systems
245 NORTH WACO
SUITE 222
WICHITA, KANSAS 67202
PHONE: 316-303-3000
FAX: 316-303-0156

CONSULTANTS:

45TH & HILLSIDE
INTERSECTION IMPROVEMENT
WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 87 N-0616-01
SCALE: 1"=20'
DATE: 10/9/2017
DESIGNED BY: TAU
DRAWN BY: TAU
CHECKED BY: MDB

SHEET TITLE:
45TH STREET
STORM SEWER:
LINE D, H

SHEET NO.
31
SHEET 31 OF 166

tsummel
10/9/2017 - 1:09:04 PM - c:\transystems\ow_local\transyscorp-pw1\tsummel\d02582654\C-SDR-M02-103.DGN

IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING