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.

Fill sand or fill grout for the abandoned storm sewer shall be considered SUBSIDIARY to the bid item "Pipe Abandoned in Place"

For Line E1, E2, & F1 profiles, See Sheet 32

Kansas Department of Transportation
3200 East 45th Street
Wichita, KS 67220

227 Sta. 500+00.00, Line E1-D5 = @ Sta. 127+91.00, 42.00' Lt.
Const. Inlet (Type IA), E1
(L=10.0')(W=3.0')
Install 18" x 77.0' Storm Sewer (RCP)(E)
See Sheets 24-32

228 Sta. 500+77.00, Line E1-D5 = @ Sta. 127+91.00, 32.00' Rt.
Const. Inlet (Type IA), E2
(L=10.0')(W=3.0')
Install 18" x 91.0' Storm Sewer (RCP)(SE)
See Sheets 24-32

†CAUTION!! Due to the close proximity of the Proposed Traffic Signal Pole the Contractor shall assure the proper compaction is met upon the installation or removal of the storm sewer.

230 Sta. 600+00.00, Line F1-D5 = @ Sta. 227+37.17, 115.65' Lt.
Const. Inlet (Type IA), F1
(L=10.0')(W=3.0')
Install 18" x 81.6' Storm Sewer (RCP)(SW)
See Sheets 24-32

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

Kansas Department of Transportation
3200 East 45th Street
Wichita, KS 67220

HILLSIDE AVENUE

Line E1
Line E2
Line F1
Line D4
Line D5
Line D6
Line D3

†CAUTION!! Proposed Traffic Signal Pole

225 Sta. 405+99.50, Line D1-Dout = @ Sta. 224+78.00, 34.00' Lt.
Const. Inlet (Type IA), D6
(L=10.0')(W=4.0')
Install 24" x 224.4' Storm Sewer (RCP)(W)
See Sheets 24-32

†CAUTION!! Proposed Traffic Signal Pole

Sta. 226+86.53, 52.42' Lt.
Remove End Section
Remove 24" x 89.7 L.F.
Storm Sewer (SE)

Sta. 227+77.72, 44.60' Lt.
Remove Exist. Inlet
Remove 24" x 83.2 L.F.
Storm Sewer (SE)

231 Sta. 402+45.20, Line D1-Dout = @ Sta. 228+30.00, 40.00' Lt.
Const. Inlet (Type IA), D4
(L=10.0')(W=3.0')
Install 24" x 155.9' Storm Sewer (RCP)(W)
See Sheets 24-32

MATCHLINE STA. 223+25.00

MATCHLINE STA. 229+25.00

45TH STREET

N 89°04'40" E 225

℄ Proposed Improvements = ℄

Sta. 226+22.60 45th Street
Sta. 126+48.00 Hillside Avenue

90°07'48" 90°21'07" 90°26'49" 87°33'11" 90°29'22" 89°30'38" 78°54'44" 91°36'21"

229 Sta. 404+01.10, Line D1-Dout =
Sta. 501+68.00, Line E1-D5 =
Sta. 600+81.60, Line F1-D5 =
@ Sta. 127+00.22, 50.36' Rt.
Const. Inlet (Type IA), D5
(L=10.0')(W=5.0')
Install 24" x 198.4' Storm Sewer (RCP)(W)
See Sheets 24-32

S 88°

N 89°33'35" E

Sta. 228+62.19, 38.81' Lt.
Remove Exist. Inlet
Remove 24" x 78.7 L.F.
Storm Sewer (SE)

APPROXIMATE LOCATION OF ABANDONED 8" C.I.P. CITY OF BEL AIRE WATER LINE

℄ Proposed Improvements

Inlet CI

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.

Structure Number: D6
10'x4' (Type 1A Inlet) Curb Inlet
Sta. 405+99.50, Line D1-Dout =
@ Sta. 224+78.00, 34.00' Lt.
Top Elevation = 1363.28

Structure Number: D5
10'x5' (Type 1A Inlet) Curb Inlet
Sta. 404+01.10, Line D1-Dout =
Sta. 501+68.00, Line E1-D5 =
Sta. 600+81.60, Line F1-D5 =
@ Sta. 127+00.22, 50.36' Rt.
Top Elevation = 1364.72

Structure Number: D4
10'x3' (Type 1A Inlet) Curb Inlet
Sta. 402+45.20, Line D1-Dout =
@ Sta. 228+30.00, 40.00' Lt.
Top Elevation = 1366.80

1375 1370 1365 1360 1355 1350

Link D6
224.4 L.F.
24" Storm Sewer
@1.78%

℄ Out=1354.50
℄ In=1355.35
℄ In=1355.60

Exist. 12" Water Line (Bel Aire)

Link D5
198.4 L.F.
24" Storm Sewer
@1.33%

Exist. Zayo Line
Exist. 14" Water Line (Wichita)
Exist. Verizon Wireless Line

℄ Out=1357.90
E1 ℄ In=1358.85
℄ In=1358.60
F1 ℄ In=1358.60

Exist. 8" Water Line (Wichita)

Link D4
155.9 L.F.
24" Storm Sewer
@1.50%

℄ Out=1360.80
℄ In=1361.30

Link D3
156.5 L.F.
24" Storm Sewer
@1.60%

TranSystems
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, E, F

SHEET NO.
30
SHEET 30 OF 166

taummel
10/9/2017 - 12:55:59 PM c:\transystems\ow_local\transyscorp-pw1\taummel\d0258264\C-SDR-M02-102.DGN

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