SSD = 416'
K = 50
160' V.C.
+3.41% ℄
+0.20% ℄
Sta. 225+15.00
P.V.I. Elev. = 1,364.78
+0.20% ℄
Sta. 225+95.00
P.V.T. Elev. = 1,364.94
-0.20% ℄
Sta. 226+23.25
P.V.I. Elev. = 1,365.00
K = 64
270' V.C.
Sta. 226+48.00
P.V.C. Elev. = 1,364.95
-0.20% ℄
Sta. 227+83.00
P.V.I. Elev. = 1,364.68
+4.00% ℄
+4.00% ℄
Sta. 229+18.00
P.V.T. Elev. = 1,370.08
Sta. 229+20.00
P.V.C. Elev. = 1,370.16
SSD = 397'
K = 45
150' V.C.
+4.00% ℄
Sta. 229+95.00
P.V.I. Elev. = 1,373.15
+0.65% ℄

Note:
For 45th Street & Hillside Avenue intersection geometric details, See Sheets 21 & 22

Contractor shall see storm sewer plan and profile sheets for all proposed storm sewer improvements, See Sheets 24-32

Contractor shall see pavement marking and signing sheets for all pavement marking and signing improvements, See Sheets 93-99

Any damage to the existing pavement, existing curb & gutter, or existing median called out to remain, shall be fixed by the Contractor at their own expense.

The Contractor shall field verify the top of the existing 8" water line prior to installing the fire hydrant. The fire hyrdant shall be installed in accordance with the City of Wichita Specifications unless otherwise noted or told by the Engineer.

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

Sta. 225.78.48, 101.49' Lt.
End 65.0' Radius (Back of Curb)
Top of Curb Elev. = 1363.44

Sta. 225+42.62, 60.88' Lt.
Ad Just Exist. Sanitary Manhole
Exist. Elevation = 1357.27
Prop. Elevation = 1360.04
Difference = ±2.77'
℄In = 1346.40 (NE)
℄Out = 1346.32 (W)

Sta. 225+57.67, 3.00' Lt.
End 10' Mountable Concrete Median Nose
See Sheet 60

Sta. 225+47.67, 3.00' Lt.
End Median with Type III Curb & Gutter
Begin 10' Mountable Concrete Median Nose
See Sheet 60

Sta. 225+24.23, 35.89' Lt.
End Taper Back of Curb
Begin 65.0' Radius (Back of Curb)
Top of Curb Elev. = 1364.45

Sta. 224+88.89, 32.50' Lt.
Begin Taper (Back of Curb)
Top of Curb Elev. = 1363.99

Sta. 226+49.46, 103.27' Lt.
Begin 65.0' Radius (Back of Curb)
Top of Curb Elev. = 1363.67

Sta. 227+32.78, 137.08' Lt.
Const. Type I Curb & Gutter
Match Existing
See Sheet 58

Sta. 227+32.80, 132.20' Lt.
Begin 25.0' Radius (Back of Curb)
Top of Curb Elev. = 1365.90

Exist. Curb & Gutter
(to Remain)

Exist. Pavement
(to Remain)

Sta. 227+57.87, 107.29' Lt.
End 25.0' Radius (Back of Curb)
Top of Curb Elev. = 1366.38

Sta. 229+53.46, 74.19' Lt.
Begin 10.0' Radius (Back of Curb)
Top of Curb Elev. = 1369.65

Sta. 229+50.68, 56.57' Lt.
End 30.0' Radius (Back of Curb)
Top of Curb Elev. = 1370.25

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

Sta. 229+68.73, 81.05' Lt.
End 10.0' Radius (Back of Curb)
Top of Curb Elev. = 1368.81

Sta. 229+87.19, 39.82' Lt. to
Sta. 230+00.08, 61.366' Lt.
Remove 24.8' Exist. Concrete Barrier

Sta. 229+99.92, 61.07' Lt.
Begin Type I Curb & Gutter
Top of Curb Elev. = 1369.20

Sta. 230+18.81, 37.99' Lt. to
Sta. 230+44.21, 45.58' Lt.
Const. 37.4 L.F. Concrete
Barrier (Type II)
See Sheet 59

Sta. 228+78.95, 106.65' Lt.
End 30.0' Radius (Back of Curb)
Top of Curb Elev. = 1368.81

Sta. 229+07.56, 71.99' Lt.
Begin 30.0' Radius (Back of Curb)
Top of Curb Elev. = 1368.49

Sta. 229+06.12, 62.85' Lt.
End 30.0' Radius (Back of Curb)
Top of Curb Elev. = 1368.44

Sta. 228+75.36, 37.59' Lt.
Begin 30.0' Radius (Back of Curb)
Top of Curb Elev. = 1368.16

Sta. 228+75.27, 35.10' Lt.
Begin Taper (Edge of Pavement)
Top of Curb Elev. = 1367.81

Sta. 229+78.90, 21.70' Lt.
Begin 30.0' Radius (Back of Curb)
Top of Curb Elev. = 1372.07

Sta. 229+78.66, 19.21' Lt.
End Taper (Edge of Pavement)
Top of Curb Elev. = 1371.71

Sta. 228+50.47, 20.50' Rt.
End Taper (Back of Curb)
Begin Transition (Back of Curb)
Top of Curb Elev. = 1367.73

Sta. 230+09.81, 20.49' Rt.
End Transition (Back of Curb)
Top of Curb Elev. = 1372.83

Sta. 230+46.39
End Full Depth Concrete Pavement (NRDJ)
Begin Concrete Railroad Approach
See Sheet 62

Sta. 228+50.26, 52.02' Rt.
End Flat Bottom Ditch
See Sheet 44

Sta. 227+26.29, 27.65' Rt.
End 65.0' Radius (Back of Curb)
Begin Taper (Back of Curb)
Top of Curb Elev. = 1365.50

Sta. 228+00.78, 20.50' Rt.
End Taper (Back of Curb)
Top of Curb Elev. = 1366.70

Sta. 227+16.69, 3.00' Rt.
End 10' Mountable Concrete Median Nose
Begin Median with Type III Curb & Gutter
See Sheet 58

Sta. 227+06.69, 3.00' Rt.
Begin 10' Mountable Concrete Median Nose
See Sheet 60

Sta. 228+10.66, 3.00' Rt.
End 10' Mountable Concrete Median Nose
See Sheet 60

Sta. 228+00.66, 3.00' Rt.
End Median with Type III Curb & Gutter
Begin 10' Mountable Concrete Median Nose
See Sheet 60

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

Sta. 229+87.96, 0.43' Lt.
End 10' Mountable Concrete Median Nose
Begin Median with Type III Curb & Gutter, Special
See Sheet 58

Sta. 229+77.96, 0.62' Lt.
Begin 10' Mountable Concrete Median Nose
See Sheet 60

Sta. 230+46.39
End Median with Type III Curb & Gutter, Special
Begin 10' Mountable Concrete Median Nose
See Sheet 60

Sta. 226+71.11, 85.69' Rt.
End Taper (Back of Curb)
Begin 65.0' Radius (Back of Curb)
Top of Curb Elev. = 1364.21

Sta. 226+23.25 45th Street
Sta. 126+45.05 Hillside Avenue

℄ Proposed Improvements = ℄

℄ Proposed Improvements 45TH STREET

MATCHLINE STA. 224+50.00

MATCHLINE STA. 230+50.00

Const. Limits

Exist. R/W

Prop. R/W

Perm. Drain. Esmt.

Irrigation Vault (to Remain)

Perm. Esmt. for R/R

U.P.R.R. ℄ of Railroad Tracks

Sta. 224+65.48, 41.91' Rt.
End Taper Back of Curb
Begin 118.0' Radius (Back of Curb)
Top of Curb Elev. = 1362.62

BM#1
Chiseled "D" on west side of KDOT water vault
Northing = 1715422.1700
Easting = 1659764.4700
79.11' Lt., Sta. 227+26.61, Elev. = 1365.17

SW Corner Sec. 23-T26S-R1E
Found Capped 5/8" Rebar
Sta. 126+48.00, 0.00' & Sta. 226+23.22, 0.00'
Northing = 1715348.2698
Easting = 1659661.8140

1.	Chiseled "+" 8' south of the north end of the RCB hubguard	104.95' SSW
2.	Chiseled "+" 14' south of the north end of the RCB hubguard	105.04' SSE
3.	Chiseled "+" 9' north of the south end of the RCB hubguard	80.97' NNW
4.	Chiseled "+" 18' north of the south end of the RCB hubguard	80.92' NNE

W Qtr. Corner Sec. 26-T26S-R1E
Found 3/4" Iron Pipe w/ Mag Nail in Center of Pipe
Sta. 100+00.00, 0.00'
Northing = 1712700.8180
Easting = 1659607.9497

1.	3 nails in south face of fence post	40.76' SE
2.	60d nail and washer in top of fence post	68.98' SSE
3.	3 nails in north face of guy pole	37.67' W
4.	60d nail and washer in south face of power pole	28.33' E

S Qtr. Corner Sec. 23-T26S-R1E
Found 3/4" Pipe w/ Sedgwick County Cap 3/4" below Asphalt Surface
Sta. 252+66.34, 0.00'
Northing = 1715368.5770
Easting = 1662304.5809

1.	3 nails in southeast face of hedge fence post	31.56' NNE
2.	3 nails in the north face of a treated wood fence post	63.88' SW
3.	PK nail in the west face of power pole	37.62' S
4.	3 nails in the northeast face of hedge fence corner post	39.67' S
5.	Center of pavement	±2.0' S

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

tsummel
10/9/2017 - 12:59:11 PM - c:\transystems\pw_local\transcyscorp-pw1\tsummel\d0258284\C-RDWM02-103.DGN

TranSystems
245 NORTH WACO
SUITE 222
WICHITA, KS 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
PLAN & PROFILE
STA. 224+50.00 TO
STA. 230+50.00

SHEET NO.
19
SHEET 19 OF 166