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

SYCAMORE STREET
MATCHLINE STA. 17+00.00

Inlet E2 · Line E2 · Line E1 · Inlet E1 · Exist. R/W
Inlet EX1 · Line EX1 · Exist. Sanitary Sewer Manhole
Inlet A10 · Line A10 · Manhole MH2
Line A9 · Inlet A9 · Exist. Sanitary Sewer Manhole
Inlet D1 · Line D1 · Line A8 · Inlet A8
Line A7 · Inlet A7 · Line C3 · Inlet C3
Line A6 · Inlet A6 · Line C2 · Inlet C2
Line A5 · Inlet A5 · Line C1 · Inlet C1
Manhole MH1 · Line MH1 · Exist. Sanitary Sewer Manhole
Line A4 · Inlet A4 · Line B3 · Inlet B3 · Line B2

@ Sta. 11+61.97, 22.11' Rt.
Remove Exist. Curb Inlet
Remove 9.2 L.F. 15" VCP (N)
See Sheets 28-31

Sta. 8+30.20, Line A1-MH2 =
Sta. 1+34.30, Line E1-A10 =
@ Sta. 11+72.00, 14.11' Rt.
Const. Curb Inlet (Type I)
Install 30" x 9.0' Storm Sewer
(RCP)(E)
See Sheets 28-31 (402)

Sta. 8+39.20, Line A1-MH2 =
@ Sta. 11+75.59, 23.81' Rt.
Remove Exist. 4.0' Manhole
Const. Reinforced Concrete Manhole
(L=5')(W=5')
Connect Exist. 36" VCP (E)
Connect Exist. 12" (SE)
See Sheets 28-31 (401)

Sta. 7+20.00, Line A1-MH2 =
@ Sta. 12+82.00, 12.00' Rt.
Const. Inlet (Grated, Single)
Install 18" x 110.2' Storm Sewer
(RCP)(S)
See Sheets 28-31 (403)

@ Sta. 13+28.80, 16.30' Rt.
Remove Exist. Curb Inlet
See Sheets 28-31

@ Sta. 13+29.39, 29.59' Rt.
Remove Exist. Manhole
Remove 150.6 L.F. 15" RCP (S)
Remove 10.3 L.F. 15" RCP (W)
See Sheets 28-31

Sta. 6+12.50, Line A1-MH2 =
Sta. 0+34.60, Line D1-A8 =
@ Sta. 13+89.50, 12.00' Rt.
Const. Inlet (Grated, Single)
Install 18" x 107.5' Storm Sewer
(RCP)(S)
See Sheets 28-31 (404)

Sta. 5+51.00, Line A1-MH2 =
Sta. 2+06.70, Line C1-A7 =
@ Sta. 14+51.00, 12.00' Rt.
Const. Inlet (Grated, Single)
Install 18" x 61.5' Storm Sewer
(RCP)(S)
See Sheets 28-31 (405)

Sta. 4+88.00, Line A1-MH2 =
@ Sta. 15+14.00, 12.00' Rt.
Const. Inlet (Grated, Single)
Install 18" x 63.0' Storm Sewer
(RCP)(S)
See Sheets 28-31 (406)

Sta. 4+23.00, Line A1-MH2 =
@ Sta. 15+79.00, 12.00' Rt.
Const. Inlet (Grated, Single)
Install 18" x 65.0' Storm Sewer
(RCP)(S)
See Sheets 28-31 (407)

@ Sta. 15+75.61, 29.02' Rt.
Remove Exist. Manhole
Remove 242.6 L.F. 15" RCP (S)
Remove 47.5 L.F. 15" RCP (SW)
Remove 66.1 L.F. 15" RCP (NW)
See Sheets 28-31

@ Sta. 16+45.02, 17.11' Rt.
Remove Exist. Drop Inlet
Remove 42.1 L.F. 15" RCP (NE)
See Sheets 28-31

Sta. 3+54.60, Line A1-MH2 =
Sta. 0+39.90, Line TGC-MH1 =
@ Sta. 16+47.29, 18.00' Rt.
Const. Reinforced Concrete Manhole
(L=3')(W=3')
Install 18" x 68.4' Storm Sewer
(RCP)(S)
See Sheets 28-31 (408)

Sta. 0+00.00, Line TGC-MH1 =
@ Sta. 16+70.84, 50.14' Rt.
Connect 15" RCP (SW) to Exist.
Inlet Blockout (W)
Install 15" x 39.9' Storm Sewer
(RCP)(SW)
See Sheets 28-31 (424)

Sta. 3+11.50, Line A1-MH2 =
Sta. 2+59.90, Line B1-A4 =
@ Sta. 16+90.00, 12.00' Rt.
Const. Inlet (Grated, Single)
Install 18" x 43.1' Storm Sewer
(RCP)(S)
See Sheets 28-31 (409)

Exist. R/W · Exist. R/W · Exist. R/W

Note:
The Contractor shall coordinate with the utility companies to locate any existing utilities that have not been previously located.

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.

For Storm Sewer System B & C, See Sheet 30

For Storm Sewer System D & E, See Sheet 31

The Contractor shall connect line TGS into the existing inlet block out on the parking lot. All labor and material needed to do this work shall be considered SUBSIDIARY to the bid item, "Connect to Existing Structures".

All utilities shown in the profile are shown at elevations best known to the Engineer. The Contractor is responsible for field verifying the locations & elevations of utilities prior to construction in that area.

†Flowline Elevation shall be field verified prior to installing the proposed structure.

1320 · 1315 · 1310 · 1305 · 1300 · 1295 · 1290 · 1285 · 1280

Structure Number: MH2
5'x5' Reinforced Concrete Manhole
Sta. 8+39.20, Line A1-MH2 =
@ Sta. 11+75.59, 23.81' Rt.
Top Elevation = 1298.27

Structure Number: A10
Type I Curb Inlet (W=3', L=10')
Sta. 8+30.20, Line A1-MH2 =
Sta. 1+34.30, Line E1-A10 =
@ Sta. 11+72.00, 14.11' Rt.
Top Elevation = 1298.12

Structure Number: A9
Grated Driveway Inlet, Single
Sta. 7+20.00, Line A1-MH2 =
@ Sta. 12+82.00, 12.00' Rt.
High Edge Elevation = 1297.89

Structure Number: A8
Grated Driveway Inlet, Single
Sta. 6+12.50, Line A1-MH2 =
Sta. 0+34.60, Line D1-A8 =
@ Sta. 13+89.50, 12.00' Rt.
High Edge Elevation = 1298.32

Structure Number: A7
Grated Driveway Inlet, Single
Sta. 5+51.00, Line A1-MH2 =
Sta. 2+06.70, Line C1-A7 =
@ Sta. 14+51.00, 12.00' Rt.
High Edge Elevation = 1298.62

Structure Number: A6
Grated Driveway Inlet, Single
Sta. 4+88.00, Line A1-MH2 =
@ Sta. 15+14.00, 12.00' Rt.
High Edge Elevation = 1298.67

Structure Number: A5
Grated Driveway Inlet, Single
Sta. 4+23.00, Line A1-MH2 =
@ Sta. 15+79.00, 12.00' Rt.
High Edge Elevation = 1298.98

Structure Number: MH1
3'x3' Reinforced Concrete Manhole
Sta. 3+54.60, Line A1-MH2 =
Sta. 0+39.9, Line TGC-MH1 =
@ Sta. 16+47.29, 18.00' Rt.
Top Elevation = 1299.85

Structure Number: A4
Grated Driveway Inlet, Single
Sta. 3+11.50, Line A1-MH2 =
@ Sta. 2+59.90, Line B1-A4 =
@ Sta. 16+90.00, 12.00' Rt.
High Edge Elevation = 1300.21

Existing Ground · Proposed Ground

CAUTION!! Exist. KGS Line (to be Relocated)
CAUTION!! Exist. Water Service (Not in Service)

Exist. 36" VCP
†℄ Out=1290.30 (E)
†℄ In=1291.51 (ESE)
℄ In=1291.00
EX1 ℄ In=1292.00 (NW)
℄ Out=1290.95
℄ In=1290.90
Line A10
9.0 L.F.
30" Storm Sewer
@0.56%

℄ Out=1292.75
℄ In=1292.90
Line A9
110.2 L.F.
18" Storm Sewer
@1.59%

℄ Out=1294.05
Line A8
107.5 L.F.
18" Storm Sewer
@1.07%
CAUTION!! Exist. Legacy Fiber (Newly Relocated)

℄ Out=1294.10
℄ In=1294.70 (W)
D1 ℄ In=1294.70 (W)
Line A7
61.5 L.F.
18" Storm Sewer
@0.98%

℄ Out=1294.70
℄ In=1294.75
C3 ℄ In=1294.80 (W)
Line A6
63.0 L.F.
18" Storm Sewer
@0.71%

℄ Out=1295.20
℄ In=1295.25
Line A5
65.0 L.F.
18" Storm Sewer
@0.69%

℄ Out=1295.70
℄ In=1295.75
TGC ℄ In=1297.00 (E)
Line MH1
68.4 L.F.
18" Storm Sewer
@1.10%
CAUTION!! Exist. 8" Sanitary Sewer (Services Prop. Hotel)

℄ Out=1296.50
B3 ℄ In=1297.05 (W)
℄ In=1296.95
℄ In=1296.65
℄ Out=1296.85
Line A4
43.1 L.F.
18" Storm Sewer
@0.46%

Existing Ground · Proposed Ground

TranSystems
245 NORTH WACO
SUITE 222
WICHITA, KANSAS 67202
PHONE: 316-303-3000
FAX: 316-462-8629

CONSULTANTS:
LK ARCHITECTURE, INC.
345 RIVERVIEW
SUITE 200
WICHITA, KANSAS 67208
PHONE: 316-268-0230

SYCAMORE STREET IMPROVEMENTS
WICHITA, KANSAS
CITY OF WICHITA

REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: 472-85463
SCALE: 1"=20'
DATE: 6/1/2020
DESIGNED BY: TAU
DRAWN BY: TAU
CHECKED BY: MDB

SHEET TITLE:
SYCAMORE STREET STORM SEWER IMPROVEMENTS LINE A

SHEET NO.
28
SHEET 28 OF 97

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6/1/2020 - 12:23:00 PM - c:\transystems\ow_local\transyscorp-pw1\taummel\d0694545\C-SDR-M01-101.dgn

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