BEGIN NORTHWEST RETURN - PAWNEE & WEST ST.

Curve Data

Curve CR-NW_W&P
P.I. Station 30+67.07 N:1,672,959.1879 E:1,634,057.9902
Delta = 82°07'06.52"(RT)
Degree = 74°24'36.37"
Tangent = 67.0750
Length = 110.3593
Radius = 77.0000
External = 25.1178
Long Chord = 101.1532
Mid. Ord. = 18.9396
P.C. Station 30+00.00 N:1,673,026.2481 E:1,634,056.5807
P.T. Station 31+10.36 N:1,672,948.5960 E:1,633,991.7568
C.C. N:1,673,024.6299 E:1,633,979.5977
Back = S 1°12'14.92" E
Ahead = S 80°54'51.60" W
Chord Bear = S 39°51'18.34" W

BEGIN SOUTHEAST RETURN - PAWNEE & WEST ST.

Curve Data

Curve CR-SE
P.I. Station 40+91.12 N:1,672,875.3845 E:1,634,160.8529
Delta = 82°31'08.31"(RT)
Degree = 74°24'36.37"
Tangent = 67.5497
Length = 110.8975
Radius = 77.0000
External = 25.4303
Long Chord = 101.5584
Mid. Ord. = 19.1167
P.C. Station 10+00.00 N:1,672,808.1377 E:1,634,161.4893
P.T. Station 11+10.90 N:1,672,885.1099 E:1,634,227.7418
C.C. N:1,672,808.8631 E:1,634,238.4858
Back = N 0°32'23.23" W
Ahead = N 81°58'45.08" E
Chord Bear = N 40°43'10.92" E

BEGIN SOUTHWEST RETURN - PAWNEE & WEST ST.

Curve Data

Curve CR-SW_W&P
P.I. Station 40+91.12 N:1,672,853.4431 E:1,634,071.0584
Delta = 99°36'03.39"(RT)
Degree = 74° 24' 36.37"
Tangent = 91.1187
Length = 133.8541
Radius = 77.0000
External = 42.2964
Long Chord = 117.6254
Mid. Ord. = 27.3002
P.C. Station 40+00.00 N:1,672,837.4001 E:1,633,981.3631
P.T. Station 41+33.85 N:1,672,762.3284 E:1,634,071.9168
C.C. N:1,672,761.6030 E:1,633,994.9203
Back = N 79°51'33.38" E
Ahead = S 0°32'23.23" E
Chord Bear = S 50°20'24.92" E

BEGIN NORTHEAST RETURN - PAWNEE & WEST ST.

Curve Data

Curve CR-NE
P.I. Station 20+86.75 N:1,672,970.7888 E:1,634,147.7663
Delta = 96°49'00.00"(RT)
Degree = 74°24'36.37"
Tangent = 86.7526
Length = 130.1123
Radius = 77.0000
External = 38.9957
Long Chord = 115.1758
Mid. Ord. = 25.8861
P.C. Station 20+00.00 N:1,672,982.8936 E:1,634,233.6702
P.T. Station 21+30.11 N:1,673,057.5223 E:1,634,145.9432
C.C. N:1,673,059.1404 E:1,634,222.9262
Back = S 81°58'45.08" W
Ahead = N 1°12'14.92" W
Chord Bear = N 49°36'44.92" W

BEGIN NORTHWEST RETURN - SOUTHWEST BLVD. & PAWNEE ST.

Curve Data

Curve CR-NW_K&P
P.I. Station 50+69.82 N:1,673,032.2646 E:1,634,636.0187
Delta = 84°23'50.82"(RT)
Degree = 74°24'36.37"
Tangent = 69.8162
Length = 113.4220
Radius = 77.0000
External = 26.9389
Long Chord = 103.4424
Mid. Ord. = 19.9569
P.C. Station 50+00.00 N:1,673,102.0789 E:1,634,636.5390
P.T. Station 51+13.42 N:1,673,025.9667 E:1,634,566.4871
C.C. N:1,673,102.6528 E:1,634,559.5412
Back = S 0°25'37.36" W
Ahead = S 84°49'28.18" W
Chord Bear = S 42°37'32.77" W

BEGIN NORTHEAST RETURN - SOUTHWEST BLVD. & PAWNEE ST.

Curve Data

Curve CR-NE_K&P
P.I. Station 60+80.21 N:1,673,036.4984 E:1,634,704.9255
Delta = 92°20'34.24"(RT)
Degree = 74°24'36.37"
Tangent = 80.2147
Length = 124.0999
Radius = 77.0000
External = 34.1908
Long Chord = 111.0979
Mid. Ord. = 23.6773
P.C. Station 60+00.00 N:1,673,037.9364 E:1,634,785.1274
P.T. Station 1+24.10 N:1,673,116.6919 E:1,634,706.7673
C.C. N:1,673,114.9240 E:1,634,783.7470
Back = S 88°58'22.06" W
Ahead = N 1°18'56.30" E
Chord Bear = N 44°51'20.82" W

TRANSYSTEMS
245 N. WACO
SUITE 222
WICHITA, KANSAS 67202
MAIN: 316-303-3000
FAX: 316-462-5629

CONSULTANTS:

WEST STREET IMPROVEMENTS
FROM PAWNEE TO HARRY

WICHITA, KANSAS

CITY OF WICHITA

REVISIONS: MARK	DATE	DESCRIPTION

PROJ NO: 87 N-0720-01
SCALE: 1"=20'
DATE: 9/25/2023
DESIGNED BY: CKC
DRAWN BY: CKC
CHECKED BY: MDB

SHEET TITLE:

CURB RETURN
GEOMETRIC DATA

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

lcvohs 9/25/2023 - 6:21:29 PM - c:\transystems\pw_local\transyscorp-pw1\e_lcvohs\d0984549\C-CRD-M01-403.DGN