BEGIN W PAWNEE AVENUE GEOMETRIC DATA

Point PAWNEE71 N 1,672,334.9343 E 1,632,979.2684 Sta 1065+00.00

Course from PAWNEE71 to PC PAWNEE7_3 N 55° 58' 45.08" E Dist 600.0000

Curve Data

Curve PAWNEE7_3
P.I. Station 1074+00.13 N 1,672,838.5509 E 1,633,725.3259
Delta = 26° 00' 00.00" (RT)
Degree = 4° 24' 26.52"
Tangent = 300.1286
Length = 589.9213
Radius = 1,300.0000
External = 34.1953
Long Chord = 584.8727
Mid. Ord. = 33.3189
P.C. Station 1071+00.00 N 1,672,670.6307 E 1,633,476.5690
P.T. Station 1076+89.92 N 1,672,880.4287 E 1,634,022.5186
C.C. N 1,671,593.1460 E 1,634,203.9112
Back = N 55° 58' 45.08" E
Ahead = N 81° 58' 45.08" E
Chord Bear = N 68° 58' 45.08" E

Course from PT PAWNEE7_3 to PC PAWNEE7_6 N 81° 58' 45.08" E Dist 406.4617

Curve Data

Curve PAWNEE7_6
P.I. Station 1082+79.70 N 1,672,962.7226 E 1,634,606.5305
Delta = 6° 59' 36.98" (RT)
Degree = 1° 54' 35.49"
Tangent = 183.3198
Length = 366.1844
Radius = 3,000.0000
External = 5.5958
Long Chord = 365.9571
Mid. Ord. = 5.5854
P.C. Station 1080+96.38 N 1,672,937.1434 E 1,634,425.0040
P.T. Station 1084+62.57 N 1,672,966.0090 E 1,634,789.8209
C.C. N 1,669,966.4911 E 1,634,843.6024
Back = N 81° 58' 45.08" E
Ahead = N 88° 58' 22.06" E
Chord Bear = N 85° 28' 33.57" E

Course from PT PAWNEE7_6 to PAWNEE79 N 88° 58' 22.06" E Dist 641.7431

Point PAWNEE79 N 1,672,977.5136 E 1,635,431.4609 Sta 1091+04.31

Course from PAWNEE79 to PAWNEE710 N 88° 59' 10.70" E Dist 1,322.3326

Point PAWNEE710 N 1,673,000.9075 E 1,636,753.5865 Sta 1104+26.64

BEGIN PROFILE PAWNEE_P DESCRIPTION

	STATION	ELEV	GRADE	TOTAL L	BACK L	AHEAD L
VPI 1	1071+00.00	1,297.62				
VPC	1071+50.00	1,297.47	-0.30	K = 199.4	SSD = 2201.3	
VPI 2	1072+00.00	1,297.32		100.00	50.00	50.00
VPT	1072+50.00	1,296.92	-0.80			
VPC	1075+50.00	1,294.52	-0.80	K = 67.0		
Low Point	1076+03.57	1,294.31				
VPI 3	1076+25.00	1,293.92		150.00	75.00	75.00
VPT	1077+00.00	1,295.00	1.44			
VPC	1077+00.00	1,295.00	1.44	K = 67.9	SSD = 563.2	
VPI 4	1077+75.00	1,296.08		150.00	75.00	75.00
High Point	1077+97.74	1,295.71				
VPT	1078+50.00	1,295.50	-0.77			
VPC	1081+25.00	1,293.39	-0.77	K = 95.5		
Low Point	1081+98.57	1,293.10				
VPI 5	1082+00.00	1,292.81		150.00	75.00	75.00
VPT	1082+75.00	1,293.41	0.80			
VPC	1085+00.00	1,295.21	0.80	K = 96.2	SSD = 1087.5	
VPI 6	1085+50.00	1,295.61		100.00	50.00	50.00
High Point	1085+76.92	1,295.52				
VPT	1086+00.00	1,295.49	-0.24			
VPI 7	1086+22.30	1,295.44	-0.24			
VPI 8	1086+33.02	1,295.39	-0.46			
VPC	1086+50.00	1,295.34	-0.27	K = 154.7	SSD = 1719.5	
VPI 9	1087+00.00	1,295.20		100.00	50.00	50.00
VPT	1087+50.00	1,294.74	-0.92			
VPC	1087+50.00	1,294.74	-0.92	K = 294.1		
VPI 10	1088+50.00	1,293.82	200.00	100.00	100.00	
VPT	1089+50.00	1,293.58	-0.24			
VPI 11	1101+00.00	1,290.82	-0.24			

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: N.T.S.
DATE: 9/25/2023
DESIGNED BY: CKC
DRAWN BY: LCV
CHECKED BY: MDB

SHEET TITLE:

GEOMETRIC DATA

SHEET NO.

7

SHEET 7 OF 517

lcvahs
9/25/2023 - 6:17:19 PM - c:\transystems\cow_local\transyscorp-pw1\w-s_bvohs\d0984549\C-CDS-M01-103.DGN

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