Beginning chain AMIDON description

Curve Data

Curve C1000
P.I. Sta. 23+41.91 N 1,695,950.5133 E 1,641,197.3692
Delta = 12° 30' 00.00" (RT)
Degree = 4° 00' 00.00"
Tangent = 156.8727
Length = 312.5000
Radius = 1,432.3945
External = 8.5646
Long Chord = 311.8806
Mid. Ord. = 8.5137
P.C. Sta. 21+85.04 N 1,695,797.7392 E 1,641,232.9940
P.T. Sta. 24+97.54 N 1,696,107.3766 E 1,641,195.6551
C.C. N 1,696,123.0277 E 1,642,627.9641
Back = N 13° 07' 33.80" W
Ahead = N 0° 37' 33.80" W
Chord Bear = N 6° 52' 33.80" W

Course from PT C1000 to 1001 N 0° 37' 33.80" W Dist 2,785.3200

Point 1001 N 1,698,892.5304 E 1,641,165.2213 Sta. 52+82.86

Ending chain AMIDON description

Beginning chain EAST SIDEWALK description

Curve Data

Curve C6000
P.I. Sta. 20+42.66 N 1,696,061.9856 E 1,641,386.3135
Delta = 46° 12' 26.57" (RT)
Degree = 57° 17' 44.81"
Tangent = 42.6612
Length = 80.6471
Radius = 100.0000
External = 8.7197
Long Chord = 78.4793
Mid. Ord. = 8.0204
P.C. Sta. 20+00.00 N 1,696,051.0981 E 1,641,427.5620
P.T. Sta. 20+80.65 N 1,696,099.2956 E 1,641,365.6266
C.C. N 1,696,147.7867 E 1,641,453.0829
Back = N 75° 12' 50.57" W
Ahead = N 29° 00' 24.00" W
Chord Bear = N 52° 06' 37.29" W

Curve Data

Curve C6001
P.I. Sta. 21+78.87 N 1,696,185.2011 E 1,641,317.9953
Delta = 22° 13' 43.80" (LT)
Degree = 11° 27' 32.96"
Tangent = 98.2268
Length = 193.9832
Radius = 500.0000
External = 9.5572
Long Chord = 192.7689
Mid. Ord. = 9.3779
P.C. Sta. 20+80.65 N 1,696,099.2956 E 1,641,365.6266
P.T. Sta. 22+74.63 N 1,696,246.7029 E 1,641,241.4053
C.C. N 1,695,856.8399 E 1,640,928.3449
Back = N 29° 00' 23.96" W
Ahead = N 51° 14' 07.79" W
Chord Bear = N 40° 07' 15.88" W

Curve Data

Curve C6002
P.I. Sta. 22+98.27 N 1,696,261.5044 E 1,641,222.9727
Delta = 50° 36' 33.99" (RT)
Degree = 114° 35' 29.61"
Tangent = 23.6399
Length = 44.1651
Radius = 50.0000
External = 5.3068
Long Chord = 42.7432
Mid. Ord. = 4.7976
P.C. Sta. 22+74.63 N 1,696,246.7029 E 1,641,241.4053
P.T. Sta. 23+18.80 N 1,696,285.1429 E 1,641,222.7144
C.C. N 1,696,285.6892 E 1,641,272.7114
Back = N 51° 14' 07.79" W
Ahead = N 0° 37' 33.79" W
Chord Bear = N 25° 55' 50.79" W

Ending chain EAST SIDEWALK description

Beginning chain WEST SIDEWALK NO. 1 description

Point 5004 N 1,696,461.3482 E 1,641,011.6039 Sta. 10+00.00

Course from 5004 to PC C5000 S 32° 42' 05.31" E Dist 159.1520

Curve Data

Curve C5000
P.I. Sta. 12+80.91 N 1,696,224.9641 E 1,641,163.3684
Delta = 147° 55' 28.49" (LT)
Degree = 163° 42' 08.02"
Tangent = 121.7570
Length = 90.3620
Radius = 35.0000
External = 91.6877
Long Chord = 67.2756
Mid. Ord. = 25.3306
P.C. Sta. 11+59.15 N 1,696,327.4223 E 1,641,097.5877
P.T. Sta. 12+49.51 N 1,696,346.7139 E 1,641,162.0380
C.C. N 1,696,346.3315 E 1,641,127.0401
Back = S 32° 42' 05.31" E
Ahead = N 0° 37' 33.80" W
Chord Bear = N 73° 20' 10.45" E

Ending chain WEST SIDEWALK NO. 1 description

Beginning chain WEST SIDEWALK NO. 2 description

Curve Data

Curve C5001
P.I. Sta. 30+52.53 N 1,696,340.9111 E 1,641,026.8521
Delta = 3° 15' 10.12" (RT)
Degree = 3° 05' 49.45"
Tangent = 52.5285
Length = 105.0287
Radius = 1,850.0000
External = 0.7456
Long Chord = 105.0146
Mid. Ord. = 0.7453
P.C. Sta. 30+00.00 N 1,696,305.7623 E 1,640,987.8163
P.T. Sta. 31+05.03 N 1,696,373.7883 E 1,641,067.8195
C.C. N 1,694,930.9577 E 1,642,225.7228
Back = N 47° 59' 57.77" E
Ahead = N 51° 15' 07.89" E
Chord Bear = N 49° 37' 32.83" E

Ending chain WEST SIDEWALK NO. 2 description

Beginning chain RIVERBANK SIDEWALK description

Curve Data

Curve C6003
P.I. Sta. 40+29.94 N 1,696,582.3319 E 1,641,081.5260
Delta = 17° 01' 43.48" (RT)
Degree = 28° 38' 52.40"
Tangent = 29.9415
Length = 59.4415
Radius = 200.0000
External = 2.2288
Long Chord = 59.2230
Mid. Ord. = 2.2042
P.C. Sta. 40+00.00 N 1,696,595.8355 E 1,641,054.8025
P.T. Sta. 40+59.44 N 1,696,561.5943 E 1,641,103.1234
C.C. N 1,696,417.3306 E 1,640,964.6026
Back = S 63° 11' 31.86" E
Ahead = S 46° 09' 48.38" E
Chord Bear = S 54° 40' 40.12" E

Course from PT C6003 to PC C6004 S 46° 09' 48.38" E Dist 246.4642

Curve Data

Curve C6004
P.I. Sta. 43+23.76 N 1,696,378.5289 E 1,641,293.7785
Delta = 8° 10' 05.81" (RT)
Degree = 22° 55' 05.92"
Tangent = 17.8507
Length = 35.6408
Radius = 250.0000
External = 0.6365
Long Chord = 35.6107
Mid. Ord. = 0.6349
P.C. Sta. 43+05.91 N 1,696,390.8923 E 1,641,280.9025
P.T. Sta. 43+41.55 N 1,696,364.4615 E 1,641,304.7673
C.C. N 1,696,210.5627 E 1,641,107.7516
Back = S 46° 09' 48.38" E
Ahead = S 37° 59' 42.57" E
Chord Bear = S 42° 04' 45.47" E

Ending chain RIVERBANK SIDEWALK description

TranSystems
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CONSULTANTS:

AMIDON AVENUE BRIDGE
at ARKANSAS RIVER

WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: E1010-40250621
SCALE: 1"=40'
DATE: 7/13/2022
DESIGNED BY: CKC
DRAWN BY: CKC
CHECKED BY: MDB

SHEET TITLE:

AMIDON AVENUE
& SIDEWALK
COORDINATE
DATA SHEET

SHEET NO.
4
SHEET 4 OF 128

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7/13/2022 - 10:53:51 AM c:\transystems\pw_local\transyscorp-pw1\dancarey\d1083517\C-CDS-M01-101.DGN

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