DELANO PATH IMPROVEMENTS: PARKING AREA ROAD FROM WALNUT ST. TO HANDLEY ST.

DELANO PATH - CHAIN PARKING AREA 1 DESCRIPTION

Point SR1 N 1,685,144.81 E 1,644,594.20 Sta. 100+00.00

Course from SR1 to SR2 - N 88°56'40.51" E Dist 237.39

Point SR2 N 1,685,151.19 E 1,644,831.55 Sta. 102+37.39

Curve Data

Curve SRCURVE1
P.I. Station 102+53.08, N 1,685,151.48, E 1,644,847.24
Delta = 34°50'56.68" (LT)
Degree = 114°35'29.61"
Tangent = 15.69
Length = 30.41
Radius = 50.00
External = 2.40
Long Chord = 29.94
Mid. Ord. = 2.29
P.C. Station 102+37.39, N 1,685,151.19, E 1,644,831.55
P.T. Station 102+67.80, N 1,685,160.68, E 1,644,859.95
C.C. N 1,685,201.18, E 1,644,830.63
Back = N 88°56'40.51" E
Ahead = N 54°05'43.83" E
Chord Bear = N 71° 31' 12.17" E

Point SR3 N 1,685,160.68 E 1,644,859.95 Sta. 102+67.80

Curve Data

Curve SRCURVE2
P.I. Station 102+83.41, N 1,685,169.83, E 1,644,872.59
Delta = 34°40'21.20" (RT)
Degree = 114°35'29.61"
Tangent = 15.61
Length = 30.26
Radius = 50.00
External = 2.38
Long Chord = 29.80
Mid. Ord. = 2.27
P.C. Station 102+67.80, N 1,685,160.68, E 1,644,859.95
P.T. Station 102+98.06, N 1,685,170.17, E 1,644,888.19
C.C. N 1,685,120.18, E 1,644,889.27
Back = N 54°05'43.83" E
Ahead = N 88°46'05.03" E
Chord Bear = N 71°25'54.43" E

Point SR4 N 1,685,170.17 E 1,644,888.19 Sta. 102+98.06

Course from SR4 to SR5 - N 88° 46' 05.03" E Dist 20.24

Point SR5 N 1,685,170.60 E 1,644,908.43 Sta. 103+18.30

PARKING AREA 1 PROFILE:

	STATION	ELEV	GRADE	TOTAL L	BACK L	AHEAD L
VPI 1	100+21.19	1,301.49				
VPC	100+38.00	1,301.24	-1.47	K = 19.0		
VPI 2	100+58.00	1,300.95		40.00	20.00	20.00
Low Point	100+65.98	1,301.04				
VPT	100+65.00	1,301.08	0.63			
VPC	101+28.00	1,301.39	0.63	K = 45.0	SSD = 997.1	
VPI 3	101+53.00	1,301.55		50.00	25.00	25.00
High Point	101+56.45	1,301.48				
VPT	101+78.00	1,301.43	-0.48			
VPC	102+38.14	1,301.14	-0.48	K = 28.5		
Low Point	102+51.78	1,301.11				
VPI 4	102+68.14	1,301.00		60.00	30.00	30.00
VPT	102+98.14	1,301.49	1.63			

DELANO PATH IMPROVEMENTS: PARKING AREA ROAD FROM HANDLEY ST. TO OSAGE ST.

DELANO PATH - CHAIN PARKING AREA 2 DESCRIPTION

Point SR7 N 1,685,171.35 E 1,644,949.88, Sta. 103+18.30

Course from SR7 to SR8 - N 88° 53' 51.02" E Dist 164.00

Point SR8 N 1,685,174.51 E 1,645,113.85 Sta 104+82.30

Curve Data

Curve SRCURVE3
P.I. Station 104+93.77, N 1,685,174.73, E 1,645,125.31
Delta = 25°50'30.96" (RT)
Degree = 114°35'29.61"
Tangent = 11.47
Length = 22.55
Radius = 50.00
External = 1.30
Long Chord = 22.36
Mid. Ord. = 1.27
P.C. Station 104+82.30, N 1,685,174.51, E 1,645,113.85
P.T. Station 105+04.85, N 1,685,169.93, E 1,645,135.73
C.C. N 1,685,124.52, E 1,645,114.81
Back = N 88°53'51.02" E
Ahead = S 65°15'38.02" E
Chord Bear = S 78°10'53.50" E

Point SR9 N 1,685,169.93 E 1,645,135.73, Sta. 105+04.85

Curve Data

Curve SRCURVE4
P.I. Station 105+16.32, N 1,685,165.13, E 1,645,146.15
Delta = 25°50'30.96" (LT)
Degree = 114°35'29.61"
Tangent = 11.47
Length = 22.55
Radius = 50.00
External = 1.30
Long Chord = 22.36
Mid. Ord. = 1.27
P.C. Station 105+04.85, N 1,685,169.93, E 1,645,135.73
P.T. Station 105+27.40, N 1,685,165.35, E 1,645,157.62
C.C. N 1,685,215.34, E 1,645,156.66
Back = S 65°15'38.02" E
Ahead = N 88°53'51.02" E
Chord Bear = S 78°10'53.50" E

Point SR10 N 1,685,165.35, E 1,645,157.62, Sta. 105+27.40

Course from SR10 to SR11 - N 88°53' 51.02" E Dist 116.74

Point SR11 N 1,685,167.60 E 1,645,274.34, Sta. 106+44.14

PARKING AREA 2 PROFILE:

	STATION	ELEV	GRADE	TOTAL L	BACK L	AHEAD L
VPI 1	103+38.64	1,301.68				
VPC	105+00.00	1,301.01	-0.42	K = 36.1		
Low Point	105+15.16	1,300.97				
VPI 2	105+25.00	1,300.90		50.00	25.00	25.00
VPT	105+50.00	1,301.14	0.97			
VPI 3	106+33.58	1,301.95	0.97			

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DELANO GREENWAY IMPROVEMENTS
FROM EXPOSITION TO OSAGE
WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 472-85462
SCALE: N.T.S.
DATE: 11/1/2022
DESIGNED BY: MCG
DRAWN BY: DJB
CHECKED BY: CKC

SHEET TITLE:
GEOMETRIC DATA

SHEET NO.
6
SHEET 6 OF 96

dsavarro
11/1/2022 - 9:51:32 AM - c:\transystems\ow_local\transyscorp-pw1\dansavarro\d0675143\C-CDS-G01-504.dgn

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