DELANO PATH IMPROVEMENTS: CYCLE TRACK FROM EXPOSITION ST. TO DODGE AVE.

DELANO PATH - CHAIN CYCLE TRACK 1 DESCRIPTION

Point CT1 N 1,685,122.94 E 1,643,588.37 Sta. 10+00.00

Course from CT1 to CT2 - N 89°12' 22.10" E Dist 288.66

Point CT2 N 1,685,126.94 E 1,643,876.99 Sta. 12+88.66

CYCLE TRACK 1 PROFILE:

	STATION	ELEV	GRADE	TOTAL L	BACK L	AHEAD L
VPI 1	10+08.82	1,301.40				
VPC	10+40.00	1,301.21	-0.62	K = 36.5		
Low Point	10+62.76	1,301.13				
VPI 2	10+65.00	1,301.05		50.00	25.00	25.00
VPT	10+90.00	1,301.24	0.75			
VPC	11+20.00	1,301.46	0.75	K = 32.3	SSD = 721.6	
High Point	11+44.06	1,301.55				
VPI 3	11+45.00	1,301.65		50.00	25.00	25.00
VPT	11+70.00	1,301.45	-0.80			
VPC	11+88.00	1,301.30	-0.80	K = 25.0		
Low Point	12+08.10	1,301.22				
VPI 4	12+13.00	1,301.10		50.00	25.00	25.00
VPT	12+38.00	1,301.40	1.19			
VPI 5	12+79.96	1,301.90	1.19			

DELANO PATH IMPROVEMENTS: CYCLE TRACK FROM DODGE AVE. TO SENECA ST.

DELANO PATH - CHAIN CYCLE TRACK 2 DESCRIPTION

Point CT3 N 1,685,127.44 E 1,643,913.09 Sta. 12+88.66

Course from CT3 to CT4 - N 89°08' 54.64" E Dist 22.23

Point CT4 N 1,685,127.77 E 1,643,935.32 Sta. 13+10.89

Curve Data

Curve CTCURVE1
P.I. Station 13+47.72, N 1,685,128.31, E 1,643,972.14
Delta = 30°31'04.36" (RT)
Degree = 42°26'28.75"
Tangent = 36.83
Length = 71.91
Radius = 135.00
External = 4.93
Long Chord = 71.06
Mid. Ord. = 4.76
P.C. Station 13+10.89, N 1,685,127.77, E 1,643,935.32
P.T. Station 13+82.80, N 1,685,110.09, E 1,644,004.14
C.C. N 1,684,992.78, E 1,643,937.33
Back = N 89°08'54.64" E
Ahead = S 60°20'01.00" E
Chord Bear = S 75°35'33.18" E

Point CT5 N 1,685,110.09 E 1,644,004.14 Sta. 13+82.80

Curve Data

Curve CTCURVE2
P.I. Station 14+33.84, N 1,685,084.82, E 1,644,048.50
Delta = 76°17'10.64" (LT)
Degree = 88°08'50.47"
Tangent = 51.05
Length = 86.54
Radius = 65.00
External = 17.65
Long Chord = 80.29
Mid. Ord. = 13.88
P.C. Station 13+82.80, N 1,685,110.09, E 1,644,004.14
P.T. Station 14+69.34, N 1,685,121.92, E 1,644,083.56
C.C. N 1,685,166.57, E 1,644,036.31
Back = S 60°20'01.00" E
Ahead = N 43°22'48.36" E
Chord Bear = N 81°31'23.68" E

Point CT6 N 1,685,121.92 E 1,644,083.56 Sta. 14+69.34

Curve Data

Curve CTCURVE3
P.I. Station 15+17.64, N 1,685,157.03, E 1,644,116.73
Delta = 45°33'54.69" (RT)
Degree = 49°49'20.70"
Tangent = 48.30
Length = 91.46
Radius = 115.00
External = 9.73
Long Chord = 89.06
Mid. Ord. = 8.97
P.C. Station 14+69.34, N 1,685,121.92, E 1,644,083.56
P.T. Station 15+60.80, N 1,685,157.92, E 1,644,165.02
C.C. N 1,685,042.94, E 1,644,167.14
Back = N 43°22'48.37" E
Ahead = N 88°56'43.05" E
Chord Bear = N 66°09'45.71" E

Point CT7 N 1,685,157.92 E 1,644,165.02 Sta. 15+60.80

Course from CT7 to CT8 - N 88°56' 43.05" E Dist 28.75

Point CT8 N 1,685,158.44 E 1,644,193.77 Sta. 15+89.55

CYCLE TRACK 2 PROFILE:

	STATION	ELEV	GRADE	TOTAL L	BACK L	AHEAD L
VPI 1	12+97.57	1,302.05				
VPC	13+12.00	1,302.14	0.63	K = 36.4	SSD = 811.1	
High Point	13+35.09	1,302.21				
VPI 2	13+37.00	1,302.30		50.00	25.00	25.00
VPT	13+62.00	1,302.12	-0.74			
VPC	14+00.00	1,301.83	-0.74	K = 28.6		
Low Point	14+21.16	1,301.76				
VPI 3	14+25.00	1,301.65		50.00	25.00	25.00
VPT	14+50.00	1,301.90	1.01			
VPC	14+50.00	1,301.90	1.01	K = 31.4	SSD = 701.9	
VPI 4	14+75.00	1,302.15		50.00	25.00	25.00
High Point	14+81.58	1,302.06				
VPT	15+00.00	1,302.01	-0.59			
VPI 6	15+77.73	1,301.55	-0.59			

DELANO PATH IMPROVEMENTS: CYCLE TRACK FROM SENECA ST. TO WALNUT ST.

DELANO PATH - CHAIN CYCLE TRACK 3 DESCRIPTION

Point CT9 N 1,685,159.75 E 1,644,264.73 Sta. 15+89.55

Course from CT9 to CT10 - N 88°56' 43.05" E Dist 291.41

Point CT10 N 1,685,165.12 E 1,644,556.08 Sta. 18+80.96

CYCLE TRACK 3 PROFILE:

	STATION	ELEV	GRADE	TOTAL L	BACK L	AHEAD L
VPI 1	16+03.39	1,301.55				
VPC	16+83.00	1,302.01	0.57	K = 41.9	SSD = 928.7	
High Point	17+07.02	1,302.08				
VPI 2	17+08.00	1,302.15		50.00	25.00	25.00
VPT	17+33.00	1,301.99	-0.62			
VPC	18+30.00	1,301.39	-0.62	K = 17.0		
Low Point	18+40.56	1,301.36				
VPI 4	18+45.00	1,301.30		30.00	15.00	15.00
VPT	18+60.00	1,301.47	1.14			
VPI 5	18+62.50	1,301.50	1.14			

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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.
3
SHEET 3 OF 96

dgnname
11/1/2022 - 9:51:08 AM - c:\transystems\ow_local\transyscorp-pw1\danawami\d0875147\C-CDS-G01-501.dgn

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