

CURVE #1

Rad. = 151' Delta = 80° 53' 53" Tangent = 128.73'
Arc = 213.2' L.C. = 195.93' Def/Ft. = 11.38340 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		6 Lt.	6 Rt.		
380+9.01	-	-	-	0'00'00"	0'00'00"
6+50.00	11.91'	11.43'	12.38'	2'15'34"	2'15'34"
6+75.00	25.00'	23.98'	25.96'	4'44'35"	7'00'09"
7+00.00	25.00'	23.98'	25.96'	4'44'35"	11'44'45"
7+25.00	25.00'	23.98'	25.96'	4'44'35"	16'29'20"
7+50.00	25.00'	23.98'	25.96'	4'44'35"	21'13'55"
7+75.00	25.00'	23.98'	25.96'	4'44'35"	25'58'30"
8+00.00	25.00'	23.98'	25.96'	4'44'35"	30'43'05"
8+25.00	25.00'	23.98'	25.96'	4'44'35"	35'27'40"
8+51.29	26.29'	25.21'	27.30'	4'59'16"	40'26'56"

CURVE #4

Curve Data Based on Centerline
Rad. = 123' Delta = 87° 50' 21" Tangent = 118.45'
Arc = 188.57' L.C. = 170.64' Def/Ft. = 13.97452 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		6 Lt.	6 Rt.		
8+90.27	-	-	-	0'00'00"	0'00'00"
9+00.00	9.73'	9.25'	10.20'	2'15'58"	2'15'58"
9+25.00	25.00'	23.74'	26.17'	5'49'22"	8'05'20"
9+50.00	25.00'	23.74'	26.17'	5'49'22"	13'54'42"
9+75.00	25.00'	23.74'	26.17'	5'49'22"	19'44'03"
10+00.00	25.00'	23.74'	26.17'	5'49'22"	25'33'25"
10+25.00	25.00'	23.74'	26.17'	5'49'22"	31'22'47"
10+50.00	25.00'	23.74'	26.17'	5'49'22"	37'12'09"
10+78.84	28.84'	27.37'	30.18'	6'43'01"	43'55'10"

CURVE #2

Rad. = 323' Delta = 47° 38' 47" Tangent = 142.62'
Arc = 268.6' L.C. = 260.93' Def/Ft. = 5.32164 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		6 Lt.	6 Rt.		
2+81.96	-	-	-	0'00'00"	0'00'00"
3+00.00	18.04'	17.70'	18.37'	1'36'00"	1'36'00"
3+25.00	25.00'	24.53'	25.46'	2'13'02"	3'49'02"
3+50.00	25.00'	24.53'	25.46'	2'13'02"	6'02'05"
3+75.00	25.00'	24.53'	25.46'	2'13'02"	8'15'07"
4+00.00	25.00'	24.53'	25.46'	2'13'02"	10'28'10"
4+25.00	25.00'	24.53'	25.46'	2'13'02"	12'41'12"
4+50.00	25.00'	24.53'	25.46'	2'13'02"	14'54'15"
4+75.00	25.00'	24.53'	25.46'	2'13'02"	17'07'17"
5+00.00	25.00'	24.53'	25.46'	2'13'02"	19'20'20"
5+25.00	25.00'	24.53'	25.46'	2'13'02"	21'33'22"
5+50.56	25.56'	25.08'	26.03'	2'16'01"	23'49'23"

CURVE #5

Curve Data Based on Centerline
Rad. = 323' Delta = 28° 17' 41" Tangent = 81.42'
Arc = 159.51' L.C. = 157.89' Def/Ft. = 5.32156 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		6 Lt.	6 Rt.		
14+25.29	-	-	-	0'00'00"	0'00'00"
14+50.00	24.71'	24.24'	25.16'	2'11'30"	2'11'30"
14+75.00	25.00'	24.53'	25.46'	2'13'02"	4'24'32"
15+00.00	25.00'	24.53'	25.46'	2'13'02"	6'37'34"
15+25.00	25.00'	24.53'	25.46'	2'13'02"	8'50'37"
15+50.00	25.00'	24.53'	25.46'	2'13'02"	11'03'39"
15+75.00	25.00'	24.53'	25.46'	2'13'02"	13'16'41"
15+84.80	9.80'	9.62'	9.98'	0'52'09"	14'08'50"

CURVE #3

Curve Data Based on Centerline
Rad. = 159.49' Delta = 55° 47' 43" Tangent = 84.44'
Arc = 155.32' L.C. = 149.25' Def/Ft. = 10.77684 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		6 Lt.	6 Rt.		
6+79.95	-	-	-	0'00'00"	0'00'00"
7+00.00	20.05'	19.28'	20.79'	3'36'04"	3'36'04"
7+25.00	25.00'	24.03'	25.91'	4'29'25"	8'05'30"
7+50.00	25.00'	24.03'	25.91'	4'29'25"	12'34'55"
7+75.00	25.00'	24.03'	25.91'	4'29'25"	17'04'20"
8+00.00	25.00'	24.03'	25.91'	4'29'25"	21'33'45"
8+25.00	25.00'	24.03'	25.91'	4'29'25"	26'03'11"
8+35.37	10.37'	9.98'	10.76'	1'51'45"	27'54'56"

**BELLECHASE 2ND ADDITION
CURVE TABLE
WICHITA, KANSAS**



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CHECKED:
UTILITY:
DATE: Feb. 10, 2009

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SHEET FILE: Water {Curve Table}