

CURVE TABLE-C1						
$\Delta = 75^{\circ}25'30''$ R = 200.00' T = 154.65' L = 263.28' LC = 244.68'						
CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 37^{\circ}42'45''$						
CHORD LENGTH						TOTAL DEFLECTION
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION		
6+08.88	-	-	-	00'00'00"	00'00'00"	
6+25.00	16.12'	14.10'	18.13'	02'18'32"	02'18'32"	
6+50.00	25.00'	21.86'	28.11'	03'34'52"	05'53'24"	
6+75.00	25.00'	21.86'	28.11'	03'34'52"	09'28'16"	
7+00.00	25.00'	21.86'	28.11'	03'34'52"	13'03'07"	
7+25.00	25.00'	21.86'	28.11'	03'34'52"	16'37'59"	
7+41.39	16.39'	14.34'	18.43'	02'20'52"	18'58'50"	
7+50.00	8.61'	7.53'	9.69'	01'14'00"	20'12'50"	
7+75.00	25.00'	21.86'	28.11'	03'34'52"	23'47'42"	
7+81.35	6.35'	5.56'	7.14'	00'54'34"	24'42'16"	
8+00.00	18.65'	16.31'	20.97'	02'40'17"	27'22'33"	
8+25.00	25.00'	21.86'	28.11'	03'34'52"	30'57'25"	
8+50.00	25.00'	21.86'	28.11'	03'34'52"	34'32'16"	
8+72.16	22.16'	19.38'	24.92'	03'10'29"	37'42'45"	

Def/Ft = 8.59437 Min.

CURVE TABLE-C2						
$\Delta = 39^{\circ}46'30''$ R = 350.00' T = 126.61' L = 242.97' LC = 238.12'						
CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 19^{\circ}53'15''$						
CHORD LENGTH						TOTAL DEFLECTION
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION		
8+72.16	-	-	-	00'00'00"	00'00'00"	
9+00.00	27.84'	26.08'	29.58'	02'16'43"	02'16'43"	
9+25.00	25.00'	23.42'	26.57'	02'02'47"	04'19'30"	
9+31.35	6.35'	5.95'	6.75'	00'31'11"	04'50'41"	
9+50.00	18.65'	17.48'	19.82'	01'31'35"	06'22'17"	
9+75.00	25.00'	23.42'	26.57'	02'02'47"	08'25'03"	
10+00.00	25.00'	23.42'	26.57'	02'02'47"	10'27'50"	
10+25.00	25.00'	23.42'	26.57'	02'02'47"	12'30'36"	
10+50.00	25.00'	23.42'	26.57'	02'02'47"	14'33'23"	
10+75.00	25.00'	23.42'	26.57'	02'02'47"	16'36'10"	
11+00.00	25.00'	23.42'	26.57'	02'02'47"	18'38'56"	
11+15.13	15.13'	14.18'	16.08'	01'14'19"	19'53'15"	

Def/Ft = 4.91107 Min.

CURVE TABLE-C3						
$\Delta = 49^{\circ}54'30''$ R = 200.00' T = 93.07' L = 174.21' LC = 168.76'						
CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 24^{\circ}57'15''$						
CHORD LENGTH						TOTAL DEFLECTION
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION		
11+96.62	-	-	-	00'00'00"	00'00'00"	
12+00.00	3.38'	3.01'	3.75'	00'29'03"	00'29'03"	
12+25.00	25.00'	22.24'	27.73'	03'34'52"	04'03'54"	
12+50.00	25.00'	22.24'	27.73'	03'34'52"	07'38'46"	
12+75.00	25.00'	22.24'	27.73'	03'34'52"	11'13'38"	
13+00.00	25.00'	22.24'	27.73'	03'34'52"	14'48'29"	
13+25.00	25.00'	22.24'	27.73'	03'34'52"	18'23'21"	
13+50.00	25.00'	22.24'	27.73'	03'34'52"	21'58'12"	
13+56.15	6.15'	5.47'	6.83'	00'52'51"	22'51'04"	
13+70.83	14.68'	13.06'	16.29'	02'06'11"	24'57'15"	

Def/Ft = 8.59437 Min.

CURVE TABLE-C4						
$\Delta = 28^{\circ}43'43''$ R = 250.00' T = 64.02' L = 125.35' LC = 124.04'						
CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 14^{\circ}21'51''$						
CHORD LENGTH						TOTAL DEFLECTION
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION		
15+15.35	-	-	-	00'00'00"	00'00'00"	
15+25.00	9.65'	10.50'	8.80'	01'06'21"	01'06'21"	
15+50.00	25.00'	27.19'	22.79'	02'51'53"	03'58'14"	
15+65.00	15.00'	16.32'	13.68'	01'43'08"	05'41'22"	
15+75.00	10.00'	10.88'	9.12'	01'08'45"	06'50'07"	
16+00.00	25.00'	27.19'	22.79'	02'51'53"	09'42'01"	
16+25.00	25.00'	27.19'	22.79'	02'51'53"	12'33'54"	
16+40.70	15.70'	17.08'	14.32'	01'47'58"	14'21'51"	

Def/Ft = 6.87549 Min.

CURVE TABLE-C5						
$\Delta = 114^{\circ}23'35''$ R = 220.00' T = 341.33' L = 439.24' LC = 369.83'						
CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 57^{\circ}11'48''$						
CHORD LENGTH						TOTAL DEFLECTION
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION		
17+76.67	-	-	-	00'00'00"	00'00'00"	
17+94.45	17.78'	16.00'	19.55'	02'18'55"	02'18'55"	
18+00.00	5.55'	4.99'	6.10'	00'43'22"	03'02'17"	
18+25.00	25.00'	22.49'	27.49'	03'15'20"	06'17'36"	
18+50.00	25.00'	22.49'	27.49'	03'15'20"	09'32'56"	
18+70.00	20.00'	17.99'	21.99'	02'36'16"	12'09'12"	
18+75.00	5.00'	4.50'	5.50'	00'39'04"	12'48'15"	
19+00.00	25.00'	22.49'	27.49'	03'15'20"	16'03'35"	
19+20.00	20.00'	17.99'	21.99'	02'36'16"	18'39'51"	
19+25.00	5.00'	4.50'	5.50'	00'39'04"	19'18'55"	
19+44.73	19.73'	17.75'	21.70'	02'34'09"	21'53'04"	
19+50.00	5.27'	4.74'	5.80'	00'41'10"	22'34'14"	
19+75.00	25.00'	22.49'	27.49'	03'15'20"	25'49'34"	
19+76.52	1.52'	1.37'	1.67'	00'11'53"	26'01'26"	
20+00.00	23.48'	21.12'	25.82'	03'03'27"	29'04'53"	
20+25.00	25.00'	22.49'	27.49'	03'15'20"	32'20'13"	
20+50.00	25.00'	22.49'	27.49'	03'15'20"	35'35'33"	
20+75.00	25.00'	22.49'	27.49'	03'15'20"	38'50'52"	
21+00.00	25.00'	22.49'	27.49'	03'15'20"	42'06'12"	
21+25.00	25.00'	22.49'	27.49'	03'15'20"	45'21'31"	
21+50.00	25.00'	22.49'	27.49'	03'15'20"	48'36'51"	
21+75.00	25.00'	22.49'	27.49'	03'15'20"	51'52'11"	
22+00.00	25.00'	22.49'	27.49'	03'15'20"	55'07'30"	
22+15.91	15.91'	14.31'	17.49'	02'04'17"	57'11'47"	

Def/Ft = 7.81306 Min.

CURVE TABLE-C6						
$\Delta = 07^{\circ}33'17''$ R = 471.00' T = 31.10' L = 62.10' LC = 62.06'						
CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 03^{\circ}46'38''$						
CHORD LENGTH						TOTAL DEFLECTION
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION		
22+15.91	-	-	-	00'00'00"	00'00'00"	
22+25.00	9.09'	8.61'	9.57'	00'33'10"	00'33'10"	
22+50.00	25.00'	23.67'	26.32'	01'31'14"	02'04'25"	
22+75.00	25.00'	23.67'	26.32'	01'31'14"	03'35'39"	
22+78.03	3.01'	2.85'	3.17'	00'11'00"	03'46'39"	

Def/Ft = 3.64941 Min.

**HAWTHORNE THIRD ADDITION  
WILLIAMSGATE/CAMDEN CHASE PHASE**  
PROJECT NAME

**CURVE TABLES**  
SHEET TITLE

DRK DESIGN BY: MKEC DRAWN BY: DRK CHECKED BY:

OCTOBER 2004 DATE: 02167 JOB NO. 9 / 48 SHEET/OF

411 N. WEBB ROAD  
WICHITA, KS. 67206  
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