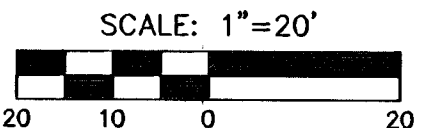


HAWTHORNE ADDITION

SIDEWALK ALIGNMENT TO BE APPROVED BY MKEC PRIOR TO CONSTRUCTION

NOTE:
TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB. CONSTRUCT CURB AND GUTTER AS NOTED.



NOTE:
CONTRACTOR TO COORDINATE TREE TRIMMING AND/OR REMOVAL, IF NECESSARY, WITH THE ENGINEER/OWNER. NO TREES SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE ENGINEER/OWNER.

MH TOP=1357.24
FL OUT (W)=1347.89
FL IN (NE)=1347.89

Install Street Name Sign
Rosemont Cir/Williamsgate

Sta. 4+00.00 Williamsgate, 17.5' Lt.
Install Subdivision Benchmark
(No. 8134-08 Kansas Blue Print Co.)

—X— = TREE PROTECTION FENCE

NOTE:
SOME TREE PROTECTION FENCE MAY BE INSTALLED BY OTHERS PRIOR TO THIS PROJECT. IN THESE AREAS, CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING FENCE THROUGH THE END OF THIS PROJECT.

CURVE TABLE-C4

$\Delta = 43'45'52''$ R = 150.00' T = 60.25' L = 114.58' LC = 111.81'

CURVE DATA BASED ON LEFT CURB $\Delta/2 = 21'52'56''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8'Off LtCb	8'Off RtCb		
0+71.22	—	—	—	00°00'00"	00°00'00"
1+00.00	28.78'	31.99'	25.48'	05°29'48"	05°29'48"
1+25.00	25.00'	27.80'	22.14'	04°46'29"	10°16'16"
1+50.00	25.00'	27.80'	22.14'	04°46'29"	15°02'45"
1+75.00	25.00'	27.80'	22.14'	04°46'29"	19°49'14"
1+85.80	10.80'	12.02'	9.57'	02°03'42"	21°52'56"

Def/Ft = 11.45916 Min.

CURVE TABLE-C5

$\Delta = 48'21'29''$ R = 100.00' T = 44.90' L = 84.40' LC = 81.92'

CURVE DATA BASED ON LEFT CURB $\Delta/2 = 24'10'45''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8'Off LtCb	8'Off RtCb		
1+85.80	—	—	—	00°00'00"	00°00'00"
2+00.00	14.20'	11.78'	16.60'	04°04'05"	04°04'05"
2+25.00	25.00'	20.70'	29.17'	07°09'43"	11°13'48"
2+50.00	25.00'	20.70'	29.17'	07°09'43"	18°23'31"
2+70.20	20.20'	16.74'	23.59'	05°47'13"	24°10'44"

Def/Ft = 17.18873 Min.

CURVE TABLE-C6

$\Delta = 08'48'03''$ R = 142.50' T = 10.97' L = 21.89' LC = 21.87'

CURVE DATA BASED ON LEFT CURB $\Delta/2 = 04'24'01''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8'Off LtCb	8'Off RtCb		
2+84.65	—	—	—	00°00'00"	00°00'00"
3+00.00	15.35'	17.17'	13.51'	03°05'09"	03°05'09"
3+06.54	6.54'	7.32'	5.76'	01°18'52"	04°24'01"

Def/Ft = 12.06227 Min.

CURVE TABLE-C1

$\Delta = 18'13'28''$ R = 200.00' T = 32.08' L = 63.62' LC = 63.35'

CURVE DATA BASED ON RIGHT CURB $\Delta/2 = 09'06'44''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8'Off LtCb	8'Off RtCb		
0+53.27	—	—	—	00°00'00"	00°00'00"
0+75.00	21.73'	19.66'	23.78'	03°06'45"	03°06'45"
1+00.00	25.00'	22.61'	27.36'	03°34'52"	06°41'37"
1+16.89	16.89'	15.28'	18.48'	02°25'07"	09°06'44"

Def/Ft = 8.59437 Min.

CURVE TABLE-C2

$\Delta = 62'18'16''$ R = 132.50' T = 80.09' L = 144.08' LC = 137.09'

CURVE DATA BASED ON RIGHT CURB $\Delta/2 = 31'09'08''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8'Off LtCb	8'Off RtCb		
1+16.89	—	—	—	00°00'00"	00°00'00"
1+25.00	8.11'	9.27'	6.95'	01°45'12"	01°45'12"
1+50.00	25.00'	28.54'	21.38'	05°24'19"	07°09'31"
1+75.00	25.00'	28.54'	21.38'	05°24'19"	12°33'50"
2+00.00	25.00'	28.54'	21.38'	05°24'19"	17°58'09"
2+25.00	25.00'	28.54'	21.38'	05°24'19"	23°22'28"
2+50.00	25.00'	28.54'	21.38'	05°24'19"	28°46'47"
2+60.97	10.97'	12.54'	9.40'	02°22'21"	31°09'08"

Def/Ft = 3.54042 Min.

CURVE TABLE-C3

$\Delta = 16'51'29''$ R = 217.50' T = 32.23' L = 63.99' LC = 63.76'

CURVE DATA BASED ON RIGHT CURB $\Delta/2 = 08'25'45''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8'Off LtCb	8'Off RtCb		
2+60.97	—	—	—	00°00'00"	00°00'00"
2+75.00	14.03'	12.93'	15.12'	01°50'53"	01°50'53"
3+00.00	25.00'	23.03'	26.94'	03°17'34"	05°08'27"
3+24.96	24.96'	23.00'	26.90'	03°17'18"	08°25'45"

Def/Ft = 7.90287 Min.



HAWTHORNE ADDITION-PHASE 1

PROJECT NAME

PAVING PLANS

SHEET TITLE

BSH

DESIGN BY:

APRIL 2003

DATE

DMU

DRAWN BY:

02167

JOB NO.

DRK

CHECKED BY:

7 / 28

SHEET/OF