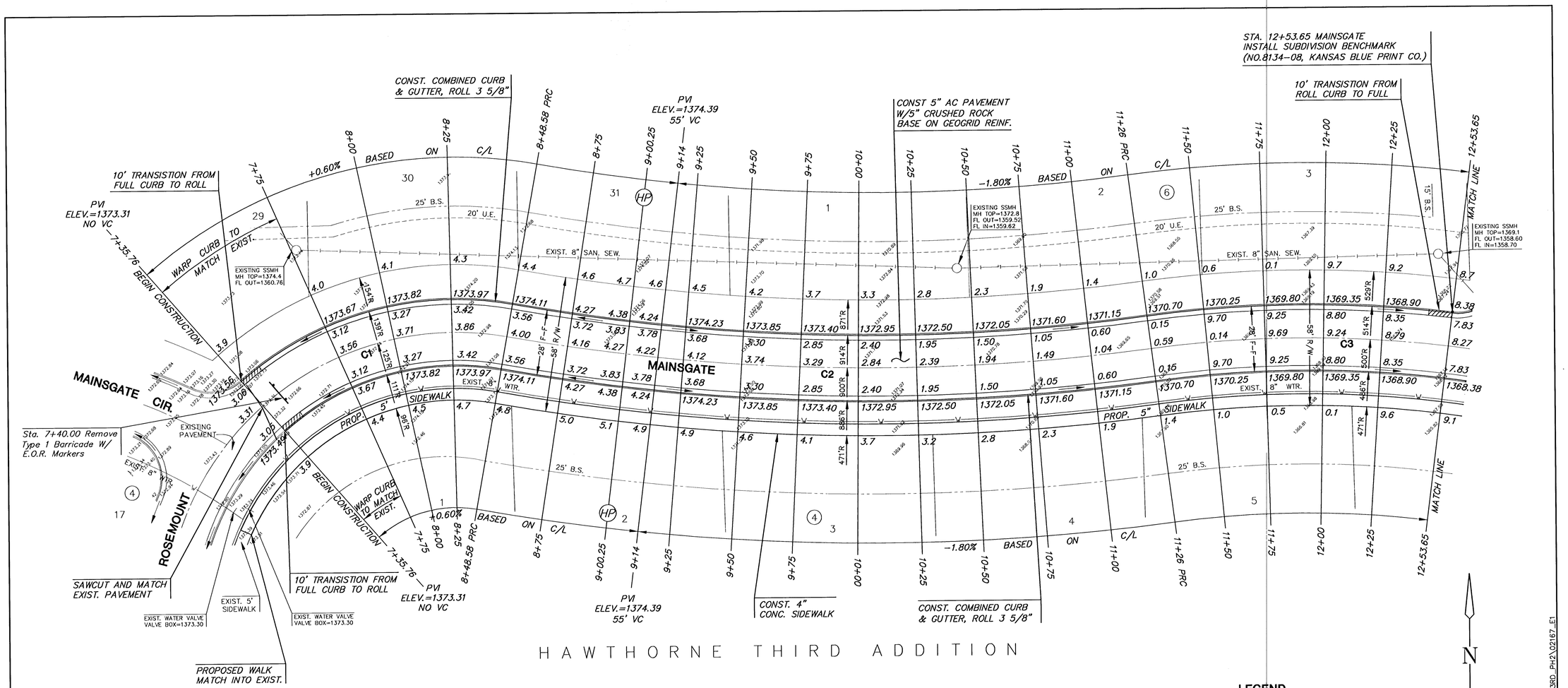

CURVE TABLE – C1

△ = 61°53'43" R = 125.00' T = 74.95' L = 135.03' LC = 128.56'

CURVE DATA BASED ON CENTERLINE △/2 = 30°56'52"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
7+13.55	–	–	–	00°00'00"	00°00'00"
7+25.00	11.45'	13.46'	9.43'	02°37'27"	02°37'27"
7+35.76	10.76'	12.65'	8.86'	02°27'58"	05°05'25"
7+50.00	14.24'	16.74'	11.73'	03°15'49"	08°21'13"
7+75.00	25.00'	29.35'	20.57'	05°43'46"	14°05'00"
8+00.00	25.00'	29.35'	20.57'	05°43'46"	19°48'46"
8+25.00	25.00'	29.35'	20.57'	05°43'46"	25°32'33"
8+48.58	23.58'	27.69'	19.40'	05°24'19"	30°56'52"
				Def/Ft =13.75099 Min.	

CURVE TABLE – C2

△ = 17°39'40" R = 900.00' T = 139.82' L = 277.42' LC = 276.32'

CURVE DATA BASED ON CENTERLINE △/2 = 08°49'50"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
8+48.58	–	–	–	00°00'00"	00°00'00"
8+75.00	26.42'	25.77'	27.06'	00°50'28"	00°50'28"
8+99.46	24.46'	23.86'	25.06'	00°46'43"	01°37'10"
9+00.00	.54'	.53'	.55'	00°01'02"	01°38'12"
9+15.00	15.00'	14.63'	15.37'	00°28'39"	02°06'51"
9+25.00	10.00'	9.76'	10.24'	00°19'06"	02°25'57"
9+50.00	25.00'	24.39'	25.61'	00°47'45"	03°13'42"
9+75.00	25.00'	24.39'	25.61'	00°47'45"	04°01'27"
10+00.00	25.00'	24.39'	25.61'	00°47'45"	04°49'11"
10+25.00	25.00'	24.39'	25.61'	00°47'45"	05°36'56"
10+50.00	25.00'	24.39'	25.61'	00°47'45"	06°24'41"
10+75.00	25.00'	24.39'	25.61'	00°47'45"	07°12'26"
11+00.00	25.00'	24.39'	25.61'	00°47'45"	08°00'11"
11+25.00	25.00'	24.39'	25.61'	00°47'45"	08°47'55"
11+26.00	1.00'	.98'	1.02'	00°01'55"	08°49'50"
				Def/Ft = 1.90986 Min.	

CURVE TABLE – C3

△ = 18°53'15" R = 500.00' T = 83.17' L = 164.82' LC = 164.08'

CURVE DATA BASED ON CENTERLINE △/2 = 09°26'37"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
11+26.00	–	–	–	00°00'00"	00°00'00"
11+50.00	24.00'	25.05'	22.94'	01°22'30"	01°22'30"
11+75.00	25.00'	26.10'	23.90'	01°25'57"	02°48'27"
12+00.00	25.00'	26.10'	23.90'	01°25'57"	04°14'24"
12+25.00	25.00'	26.10'	23.90'	01°25'57"	05°40'20"
12+50.00	25.00'	26.10'	23.90'	01°25'57"	07°06'17"
12+75.00	25.00'	26.10'	23.90'	01°25'57"	08°32'13"
12+90.82	15.82'	16.52'	15.13'	00°54'24"	09°26'37"
				Def/Ft = 3.43775 Min.	

LEGEND

+ STREET SIGN & SIGN LOCATION (SEE SIGN ASSEMBLY TABLE FOR TYPE & STATION OF SIGN)

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

H:\CIVIL\02167\DWG\Pgx\MAINSGATE\3RD_PH2\02167_E1

MKEC ENGINEERING CONSULTANTS
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WICHITA, KS. 67206
316 - 684 - 9600

HAWTHORNE 3RD ADDITION - PHASE 2
PROJECT NAME

PAVING PLANS
SHEET TITLE

DESIGN BY:	DRAWN BY:	CHECKED BY:
DFL	MKEC	GJA

DATE	JOB NO.	SHEET/OF
OCTOBER 2005	02167	8 / 28