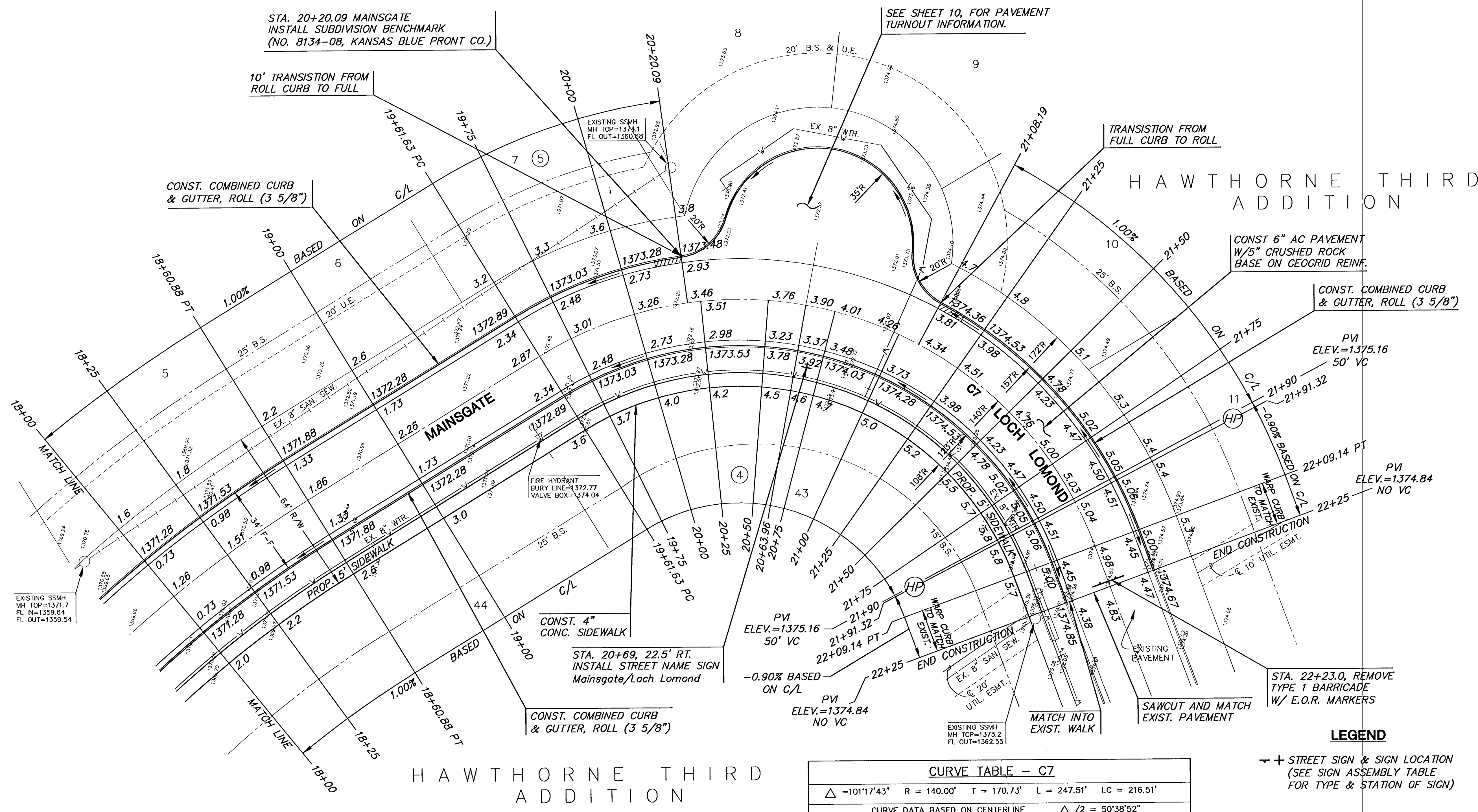




SUBDIVISION BENCH MARKS				
NO.	STREET AND STATION	FROM CL	DESCRIPTION	ELEVATIONS
1	MAINSGATE STA., 12+53.65	14.5' LT	TOP OF CURB AT END OF RETURN WILLIAMSGATE	1368.38
2	MAINSGATE STA., 20+20.09	17.5' LT	TOP OF CURB AT END OF RETURN OF TURNOUT	1373.48

NOTE: CONTRACTOR SHALL INSTALL SUBDIVISION BENCH MARKS ("FLAT SURVEY MARKERS NO. 8134-08 3" TOP DIAMETER" PROVIDED BY KANSAS BLUE PRINT CO., INC.) COSTS TO BE CONSIDERED SUBSIDIARY TO CONSTRUCTION OF COMBINED CURB AND GUTTER.

CURVE TABLE - C7					
$\Delta = 101^{\circ}17'43"$ R = 140.00' T = 170.73' L = 247.51' LC = 216.51'					
CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 50^{\circ}38'52"$					
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8' Off Ltcb	8' Off Rtcb		
19+61.63	—	—	—	00°00'00"	00°00'00"
19+75.00	13.37'	15.47'	11.28'	02°44'09"	02°44'09"
20+00.00	25.00'	28.89'	21.04'	05°06'57"	07°51'06"
20+20.09	20.09'	23.23'	16.92'	04°06'39"	11°57'45"
20+25.00	4.91'	5.68'	4.14'	01°00'17"	12°58'02"
20+50.00	25.00'	28.89'	21.04'	05°06'57"	18°04'59"
20+63.96	13.96'	16.15'	11.76'	02°51'24"	20°56'22"
20+75.00	11.04'	12.77'	9.30'	02°15'33"	23°11'55"
21+00.00	25.00'	28.89'	21.04'	05°06'57"	28°18'52"
21+08.19	8.19'	9.48'	6.90'	01°40'33"	29°59'25"
21+25.00	16.81'	19.44'	14.16'	03°26'23"	33°25'48"
21+50.00	25.00'	28.89'	21.04'	05°06'57"	38°32'45"
21+75.00	25.00'	28.89'	21.04'	05°06'57"	43°39'41"
21+95.76	20.76'	24.00'	17.48'	04°14'53"	47°54'34"
22+00.00	4.24'	4.91'	3.57'	00°52'03"	48°46'38"
22+09.14	9.14'	10.57'	7.70'	01°52'13"	50°38'51"
22+09.14	—	—	—	00°00'01"	50°38'51"

Def/Ft = 12.27767 Min.

LEGEND

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

SCALE: 1"=20'

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

MKEC
ENGINEERING
CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

HAWTHORNE 3RD ADDITION - PHASE 2
PROJECT NAME

PAVING PLANS
SHEET TITLE

DFL DESIGN BY:	MKEC DRAWN BY:	GJA CHECKED BY:
OCTOBER 2005 DATE	02167 JOB NO.	10 / 28 SHEET/OF

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