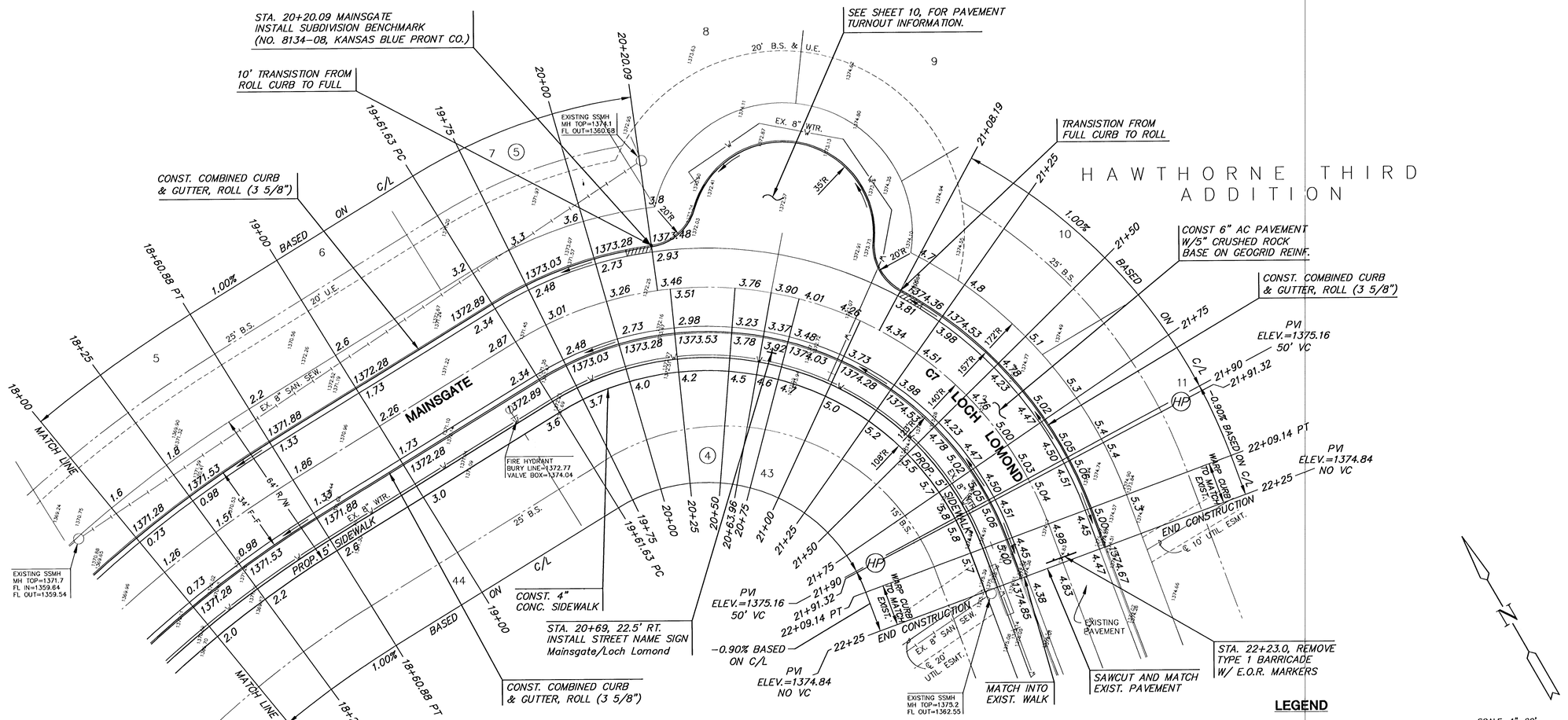


SUBDIVISION BENCH MARKS

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

△ =101°17'43" R = 140.00' T = 170.73' L = 247.51' LC = 216.51'

CURVE DATA BASED ON CENTERLINE △/2 = 50°38'52"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
19+61.63	–	–	–	00°00'00"	00°00'00"
19+75.00	13.37'	15.47'	11.26'	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)

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

H:\CIVIL\02167\DWGS\ov\MAINSGATE\3RD_PH2\02167_E3

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