

STA. 20+20.09 MAINSGATE
INSTALL SUBDIVISION BENCHMARK
(NO. 8134-08, KANSAS BLUE PRONT CO.)

SEE SHEET 10, FOR PAVEMENT
TURNOUT INFORMATION.

CONST. COMBINED CURB
& GUTTER, ROLL (3 5/8")

TRANSITION FROM
FULL CURB TO ROLL

CONST 6" AC PAVEMENT
W/5" CRUSHED ROCK
BASE ON GEOGRID REINF.

CONST. COMBINED CURB
& GUTTER, ROLL (3 5/8")

CONST. 4"
CONC. SIDEWALK

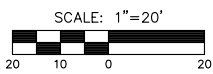
STA. 20+69, 22.5' RT.
INSTALL STREET NAME SIGN
Mainsgate/Loch Lomond

CONST. COMBINED CURB
& GUTTER, ROLL (3 5/8")

STA. 22+23.0, REMOVE
TYPE 1 BARRICADE
W/ E.O.R. MARKERS

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.

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'	11.26'	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.

HAWTHORNE 3RD ADDITION - PHASE 2

PROJECT NAME

PAVING PLANS

SHEET TITLE

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

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

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