

BENCHMARK:
BM #1: "□" Cut in middle of
N headwall of RCBC on 21st
St. North. 1004.3' W & 22.1'
N of SE Cor., SE1/4, Sec. 2,
T-27-S, R-2-E.
Elev. = 173.23 City Datum

BM #2: "□" Cut at the SE
corner of the intersection of
Castle Rock & Castle Rock Ct.,
Krug North Addition.
Elev. = 183.50 City Datum

P.V.I.
Elev. = 194.80
No V.C.

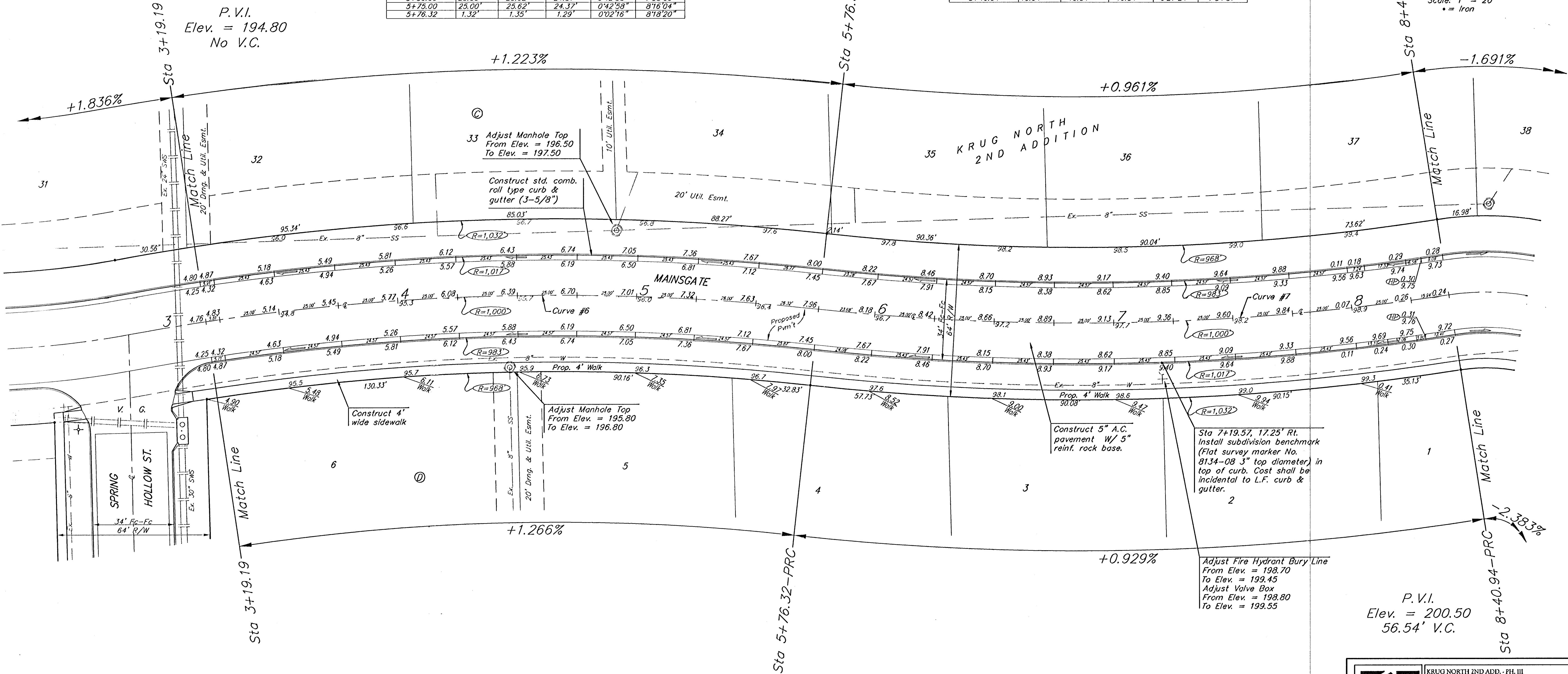
Curve #6					
Curve Data Based on Centerline					
Rad. = 1000' Delta = 16° 36' 41" Tangent = 145.99'					
Arc = 288.92' L.C. = 288.91' Def/Ft. = 1.71888 Min.					
Station	Arc	FACE CHORD LENGTHS	8' Lt.	8' Rt.	Defl.
2+86.40	—	—	—	—	0°00'00"
3+19.19	32.79'	33.61'	31.97'	0°56'22"	0°56'22"
3+25.00	5.81'	5.96'	5.66'	0°09'59"	1°06'21"
3+50.00	25.00'	25.62'	24.37'	0°42'58"	1°49'19"
3+75.00	25.00'	25.62'	24.37'	0°42'58"	2°32'17"
4+00.00	25.00'	25.62'	24.37'	0°42'58"	3°15'16"
4+25.00	25.00'	25.62'	24.37'	0°42'58"	3°58'14"
4+50.00	25.00'	25.62'	24.37'	0°42'58"	4°41'12"
4+75.00	25.00'	25.62'	24.37'	0°42'58"	5°24'11"
5+00.00	25.00'	25.62'	24.37'	0°42'58"	6°07'09"
5+25.00	25.00'	25.62'	24.37'	0°42'58"	6°50'07"
5+50.00	25.00'	25.62'	24.37'	0°42'58"	7°33'06"
5+75.00	25.00'	25.62'	24.37'	0°42'58"	8°16'04"
5+76.32	1.32'	1.35'	1.29'	0°02'16"	8°18'20"

P.V.I.
Elev. = 198.00
No V.C.

Curve #7					
Curve Data Based on Centerline					
Rad. = 1000' Delta = 15°09'42" Tangent = 133.09'					
Arc = 264.62' L.C. = 263.85' Def/Ft. = 1.71888 Min.					
Station	Arc	FACE CHORD LENGTHS	8' Lt.	8' Rt.	Defl.
5+76.32	—	—	—	—	0°00'00"
6+00.00	23.68'	23.09'	24.27'	0°40'42"	0°40'42"
6+25.00	25.00'	24.37'	25.62'	0°42'58"	1°23'40"
6+50.00	25.00'	24.37'	25.62'	0°42'58"	2°06'39"
6+75.00	25.00'	24.37'	25.62'	0°42'58"	2°49'37"
7+00.00	25.00'	24.37'	25.62'	0°42'58"	3°32'35"
7+25.00	25.00'	24.37'	25.62'	0°42'58"	4°15'34"
7+50.00	25.00'	24.37'	25.62'	0°42'58"	4°58'32"
7+75.00	25.00'	24.37'	25.62'	0°42'58"	5°41'30"
8+00.00	25.00'	24.37'	25.62'	0°42'58"	6°24'29"
8+25.00	25.00'	24.37'	25.62'	0°42'58"	7°07'27"
8+40.94	15.94'	15.54'	16.34'	0°27'24"	7°34'51"

P.V.I.
Elev. = 200.50
66' V.C.

Scale: 1" = 20'
= Iron



P.V.I.
Elev. = 198.00
No V.C.

P.V.I.
Elev. = 200.50
56.54' V.C.

NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

Baughman		KRUG NORTH 2ND ADD. - PH. III			
MAINSGATE		STA 3+19.19 TO STA 8+40.94			
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-2627111 F 316-2620149					
ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE					
PROJECT NUMBER 472-84249	DESIGN ATD	DRAWN TMS			
REVISIONS:	APPROVED	DATE 01/06			
	SCALE Noted				
	SHEET				
	10 OF 39				
KrugNorth2ndVPhaseIII/Su5		05-09-E368			