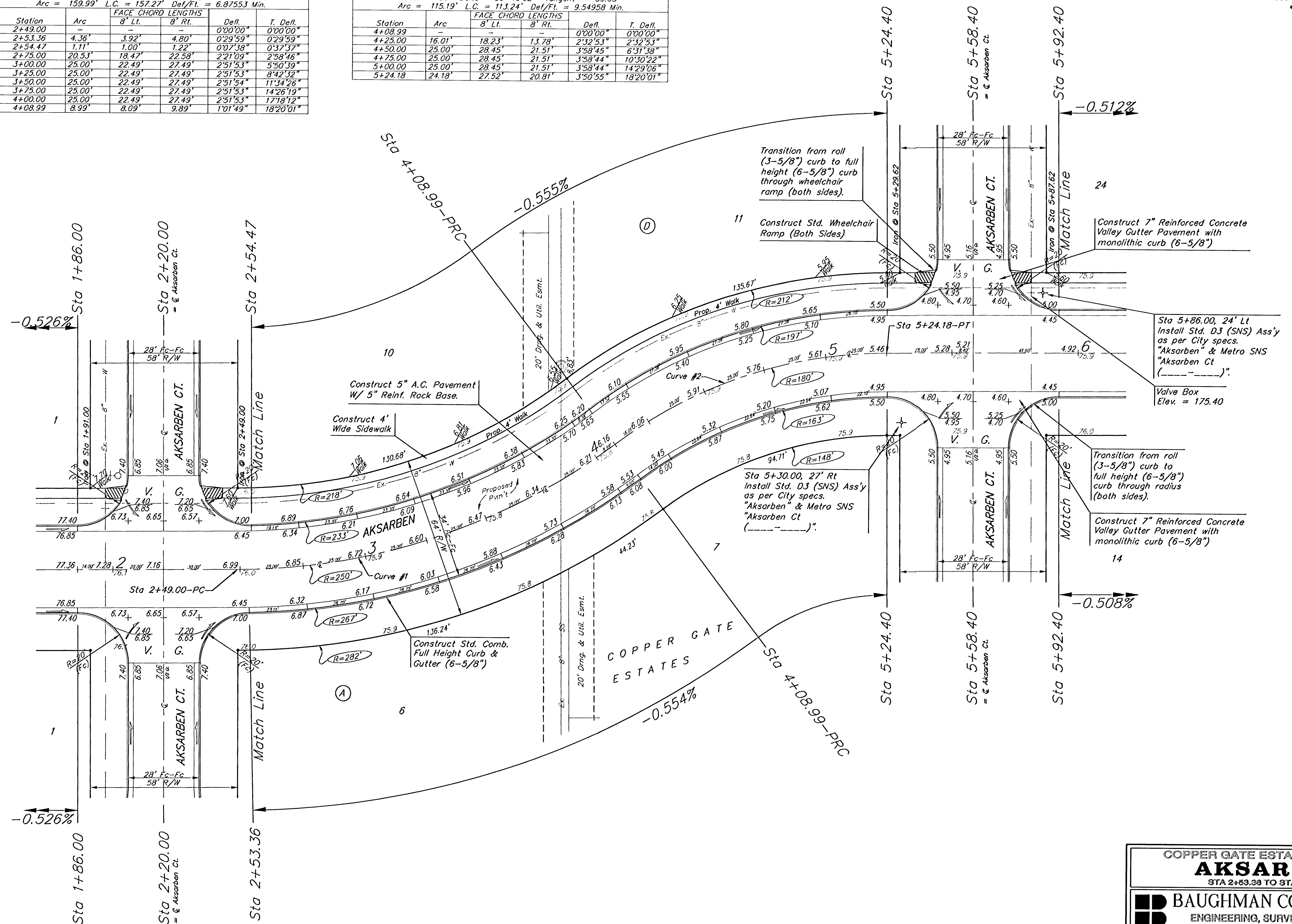


BENCHMARK:
City of Wichita benchmark at
the SE corner of intersection
of 135th Street West and 13th
Street North.
Elev. = 167.83 (City Datum)

Curve #1				
Curve Data Based on Centerline				
Rad. = 250' Delta = 36° 40' 02" Tangent = 82.84'				
Arc = 159.99' L.C. = 157.27' Def/Ft. = 6.87553 Min.				
Station	Arc	FACE CHORD LENGTHS	Defl.	T. Defl.
		8' Lt. 8' Rt.		
2+49.00			0'00'00"	0'00'00"
2+53.36	4.36'	3.92'	0'29'59"	0'29'59"
2+54.47	1.11'	1.00'	0'07'38"	0'37'37"
2+75.00	20.53'	18.47'	2'21'09"	2'58'46"
3+00.00	25.00'	22.49'	2'51'53"	5'50'39"
3+25.00	25.00'	22.49'	2'51'53"	8'42'32"
3+50.00	25.00'	22.49'	2'51'54"	11'34'26"
3+75.00	25.00'	22.49'	2'51'53"	14'26'19"
4+00.00	25.00'	22.49'	2'51'53"	17'18'12"
4+08.99	8.99'	8.09'	1'01'49"	18'20'01"

Curve #2				
Curve Data Based on Centerline				
Rad. = 180' Delta = 36° 40' 02" Tangent = 59.65'				
Arc = 115.19' L.C. = 113.24' Def/Ft. = 9.54958 Min.				
Station	Arc	FACE CHORD LENGTHS	Defl.	T. Defl.
		8' Lt. 8' Rt.		
4+08.99			0'00'00"	0'00'00"
4+25.00	16.01'	18.23'	2'32'53"	2'32'53"
4+50.00	25.00'	28.45'	3'58'45"	6'31'38"
4+75.00	25.00'	28.45'	21.51'	10'30'22"
5+00.00	25.00'	28.45'	21.51'	14'29'06"
5+24.18	24.18'	27.52'	20.81'	18'20'01"

Scale: 1" = 20'
• = Iron



COPPER GATE ESTATES - PHASE I			
AKSARBEN			
STA 2+53.36 TO STA 5+92.40			
BAUGHMAN COMPANY P.A.			
ENGINEERING, SURVEYING, & PLANNING			
318-262-7271 • 318 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			
472-63669			
DESIGN	DRAWN	APPROVED	DATE
BLP	TMS		4/30/03
SCALE			Noted
SHEET			7
OF			32