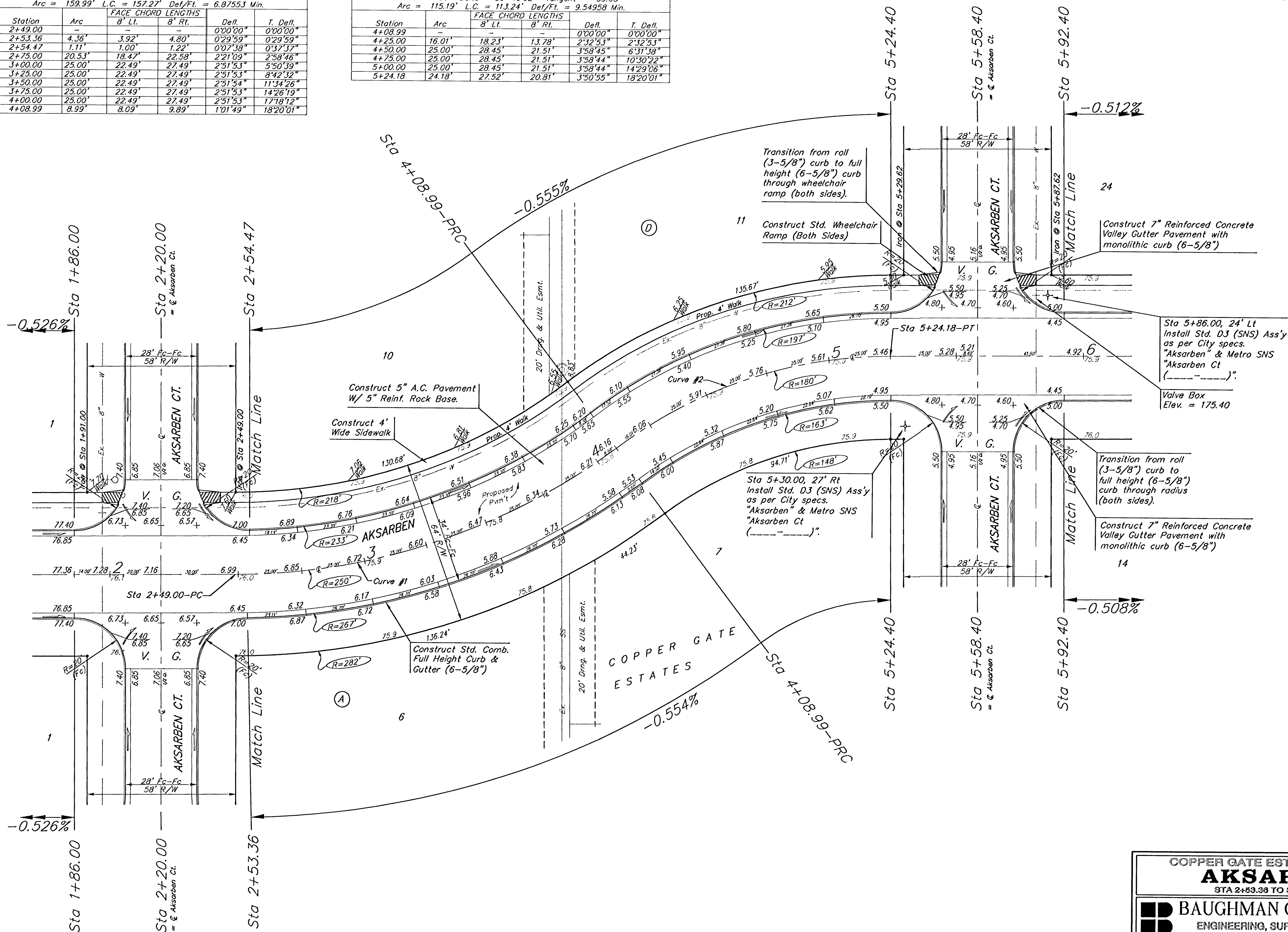


BENCHMARK:
City of Wichita benchmark at
the SE corner of intersection
of 135th Street West and 13th
Street North.
Elev. = 167.83 (City Datum)

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	8' Lt.	8' Rt.	Defl.
2+49.00	—	—	—	—	0°00'00"
2+53.36	4.36'	3.92'	4.80'	0°29'59"	0°29'59"
2+54.47	1.11'	1.00'	1.22'	0°07'38"	0°37'37"
2+75.00	20.53'	18.47'	22.58'	2°21'09"	2°58'46"
3+00.00	25.00'	22.49'	27.49'	2°51'53"	5°50'39"
3+25.00	25.00'	22.49'	27.49'	2°51'53"	8°42'32"
3+50.00	25.00'	22.49'	27.49'	2°51'54"	11°34'26"
3+75.00	25.00'	22.49'	27.49'	2°51'53"	14°26'19"
4+00.00	25.00'	22.49'	27.49'	2°51'53"	17°18'12"
4+08.99	8.99'	8.09'	9.89'	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	8' Lt.	8' Rt.	Defl.
4+08.99	—	—	—	—	0°00'00"
4+25.00	16.01'	18.23'	13.78'	2°32'53"	2°32'53"
4+50.00	25.00'	28.45'	21.51'	3°58'45"	6°31'38"
4+75.00	25.00'	28.45'	21.51'	3°58'44"	10°30'22"
5+00.00	25.00'	28.45'	21.51'	3°58'44"	14°29'06"
5+24.18	24.18'	27.52'	20.81'	3°50'55"	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

BLP

DRAWN

TMS

APPROVED

DATE

4/30/03

SCALE

Noted

SHEET

7

32

CopperGate/Sir2 02-10-E432