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

Scale: 1" = 20'
• = Iron

P.V.I.
Elev. = 173.92
No V.C.

Sta 10+17.24–PT

Match Line

-0.645%

-0.718%

P.V.I.
Elev. = 174.40
40' V.C.

P.V.I.
Elev. = 175.10
46' V.C.

Sta 8+37.57

Sta 7+04.51–PC
Sta 7+10.14

+0.600%

-0.512%

-0.555%

Sta 5+24.40

Sta 5+58.40
= ℄ Aksarben Ct.

Sta 5+92.40

Match Line

28' Fc-Fc
58' R/W

AKSARBEN CT.

AKSARBEN

PONDEROSA

COPPER GATE ESTATES

Construct 5" A.C. Pavement W/ 5" Reinf. Rock Base.

Construct Std. Comb. Full Height Curb & Gutter (6-5/8")

Construct 4' Wide Sidewalk

Prop. 4' Walk

Proposed Pan't

Valve Box
Elev. = 175.20

Valve Box
Elev. = 175.50

Construct Std. Wheelchair Ramp (Both Sides)

Curve #3

Sta 8+68.93

Sta 8+37.57
= ℄ Ponderosa

Sta 8+06.22

Sta 5+24.18–PT

Adjust inlet top to match proposed grade, both sides. To be bid as "Inlet Adjustment".

Construct std. type 1A inlet hookups & inlet sediment barriers, both sides (See detail, sheet 16)

Transition from roll (3-5/8") curb to full height (6-5/8") curb through radius (both sides).

Install hay bale barrier per detail, sheet 16.

Sta 8+37.57, 36' Rt. Install End of Road Markers. (See detail, sheet 4)

20' Drng. & Util. Esmt.

Ex. 24" S.W.S.

Ex. 8" S.S.

-0.611%

+0.528%

-0.508%

-0.554%

P.V.I.
Elev. = 174.40
32.24' V.C.

Curve #3
Curve Data Based on Centerline
Rad. = 200' Delta = 89° 35' 25" Tangent = 198.57'
Arc = 312.73' L.C. = 281.83' Def/Ft. = 8.59434 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
7+04.51	–	–	–	0°00'00"	0°00'00"
7+25.00	20.49'	17.92'	23.04'	2°56'06"	2°56'06"
7+50.00	25.00'	21.86'	28.11'	3°34'51"	6°30'57"
7+75.00	25.00'	21.86'	28.11'	3°34'52"	10°05'49"
8+00.00	25.00'	21.86'	28.11'	3°34'51"	13°40'40"
8+06.22	6.22'	5.44'	7.00'	0°53'28"	14°34'08"
8+25.00	18.78'	16.43'	21.12'	2°41'24"	17°15'32"
8+37.57	12.57'	11.00'	14.14'	1°48'02"	19°03'34"
8+50.00	12.43'	10.87'	13.98'	1°46'49"	20°50'23"
8+68.93	18.93'	16.56'	21.29'	2°42'42"	23°33'05"
8+75.00	6.07'	5.31'	6.83'	0°52'10"	24°25'15"
9+00.00	25.00'	21.86'	28.11'	3°34'51"	28°00'06"
9+25.00	25.00'	21.86'	28.11'	3°34'52"	31°34'58"
9+50.00	25.00'	21.86'	28.11'	3°34'51"	35°09'49"
9+75.00	25.00'	21.86'	28.11'	3°34'52"	38°44'41"
10+00.00	25.00'	21.86'	28.11'	3°34'52"	42°19'33"
10+17.24	17.24'	15.08'	19.39'	2°28'10"	44°47'43"

COPPER GATE ESTATES - PHASE I
AKSARBEN/PONDEROSA
STA 5+92.40 TO STA 10+17.24

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
472-83869	8 OF 32

DESIGN	DRAWN	APPROVED	DATE	SCALE
BLP	TMS		4/30/03	Noted

CopperGate/Sht3 02-10-E432