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

Brass Benchmark Disc
Adjacent to Fire Hydrant at E. End of E. Curb Return of Ponderosa & Ponderosa Ct.
Elev. = 170.96 (City Datum)

Scale: 1" = 20'
• = Iron

P.V.I. Elev. = 171.40 54' V.C.
Sta. 6+05.47
+0.585%
-1.341%
P.V.I. Elev. = 166.70 No V.C.
Sta. 9+56.07
Sta. 9+80.26–PC
P.V.I. Elev. = 165.74 No V.C.
Sta. 11+16.62–PT
-0.662%
-0.521%
Match Line
Match Line
-0.509%
+0.505%
-1.339%

Valve Box Elev. = 171.00

Sta. 6+48.60, 17.25' Lt. Install subdivision benchmark (Flat Survey Marker No. 8134-08 3" top diameter) in top of curb. Cost shall be incidental to L.F. Curb & Gutter.

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

Valve Box Elev. = 166.80

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

Construct 4' Wide Concrete Sidewalk (4")

Construct std. type 1A inlet hookups & inlet sediment barrier. (See detail, sheet 17) Adjust inlet top to match proposed grade. To be bid as "Inlet Adjustment".

Sta. 9+63.00, 35' Rt. Install Std. D3 (SNS) Ass'y as per City specs. "Aksarben" & "Lost Creek".

Const. 7" Reinforced Concrete Valley Gutter Pavement on 5" Rein. Rock Base w/Monolithic Edge Curb. (6-5/8") (See Detail, Sheet 5)

Construct Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 5) Transition from full height curb (6-5/8") to roll curb (3-5/8") through wheelchair ramp (both sides).

Curve #3
Curve Data Based on Centerline
Rad. = 150' Delta = 52°05'13" Tangent = 73.30'
Arc = 136.36' L.C. = 131.72' Def/Ft. =11.45943 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
9+80.26				0°00'00"	0°00'00"
10+00.00	19.74'	16.44'	23.01'	3°46'13"	3°46'13"
10+20.47	20.47'	17.05'	23.86'	3°54'34"	7°40'47"
10+25.00	4.53'	3.77'	5.28'	0°51'55"	8°32'42"
10+50.00	25.00'	20.81'	29.13'	4°46'29"	13°19'11"
10+75.00	25.00'	20.81'	29.13'	4°46'29"	18°05'40"
11+00.00	25.00'	20.81'	29.13'	4°46'29"	22°52'09"
11+16.62	16.62'	13.84'	19.38'	3°10'28"	26°02'37"

Sta. 5+71.47
Sta. 6+05.47 = ℄ Aksarben Ct.
Sta. 6+39.47
Sta. 9+56.07
Sta. 9+90.59 = ℄ Lost Creek
Sta. 10+20.47
Sta. 11+16.62–PT

Baughman

Copper Gate Estates - Phase III

AKSARBEN

STA. 6+39.47 TO STA. 11+16.62

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 3162632221 F 3162632149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN	DRAWN
472-83671		TMS
REVISIONS	APPROVED	DATE 4/13/05
	SCALE Noted	
	SHEET 7 OF 30	

CopperGate\Phase 3\Str2.dwg 04-06-E956