BENCHMARKS:

BM #1: C.O.W. disc at SW corner of intersection. 30.00'± S. of CL of 13th St. N. 35.00'± W. of CL of 135th St. W. Elev. = 168.25 City Datum

BM #2: Small RR spike in 4th HLP W. of 135th St. W. on south side of 13th St. N. (N. face of HLP). Elev. = 179.24 City Datum

BM #3: RR spike in Power Pole. 1321.65 W. of 135th St. W. 30' N. of 13th St. N. Elev. = 178.45 City Datum

Scale: 1" = 20'
• = Iron

P.V.I. Elev. = 177.80 35.16' V.C.

Sta. 6+82.42–PT

Match Line

+0.540%

−0.586%

Sta. 11+51.41–PC

Sta. 12+08.84–PT

Sta. 12+16.62

Sta. 12+48.53 = ℄ Aksarben

COPPER GATE NORTH ADDITION

AKSARBEN

Sta. 8+40.08, 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.

Valve Box Elev. = 177.10

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

Construct Roll–Type Curb & Gutter (3–5/8") (Both Sides)

Exist. 8" Water Line

20' Drng. & Util. Esmt.

Exist. 30" SWS

Construct std. type 1A inlet hookups & inlet sediment barriers, both sides (See detail, sheet 18)

Trans. from Full Cr. to 1/2 Cr. in 10'

10' Util. Esmt.

Curve #3

Proposed 4' Walk

Proposed AC Path

Construct 4' Wide Concrete Sidewalk (4")

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

Iron @ Sta. 12+20.48

Valve Box Elev. = 174.70

−0.849%

+0.614%

Match Line

Sta. 6+82.42–PT

P.V.I. Elev. = 177.80 35.16' V.C.

P.V.I. Elev. = 175.05 No V.C.

KIWI

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.

Curve #3
Curve Data Based on Centerline
Rad. = 80' Delta = 41°08'03" Tangent = 30.02'
Arc = 57.43' L.C. = 56.21' Def/Ft. =21.48746 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
11+51.41	–	–	–	0°00'00"	0°00'00"
11+75.00	23.59'	30.85'	16.16'	8°26'53"	8°26'53"
12+00.00	25.00'	32.68'	17.12'	8°57'11"	17°24'04"
12+08.84	8.84'	11.60'	6.07'	3°09'57"	20°34'01"

Baughman

Copper Gate North Addition - Phase I
AKSARBEN
STA. 6+82.42 TO STA. 12+48.53

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84104
DESIGN NBW
DRAWN TMS/JAK
APPROVED
DATE 10/05/05
REVISIONS:
SCALE Noted
SHEET **8** OF **28**

Copper Gate North\Phase 1\Str3 05-02-E162