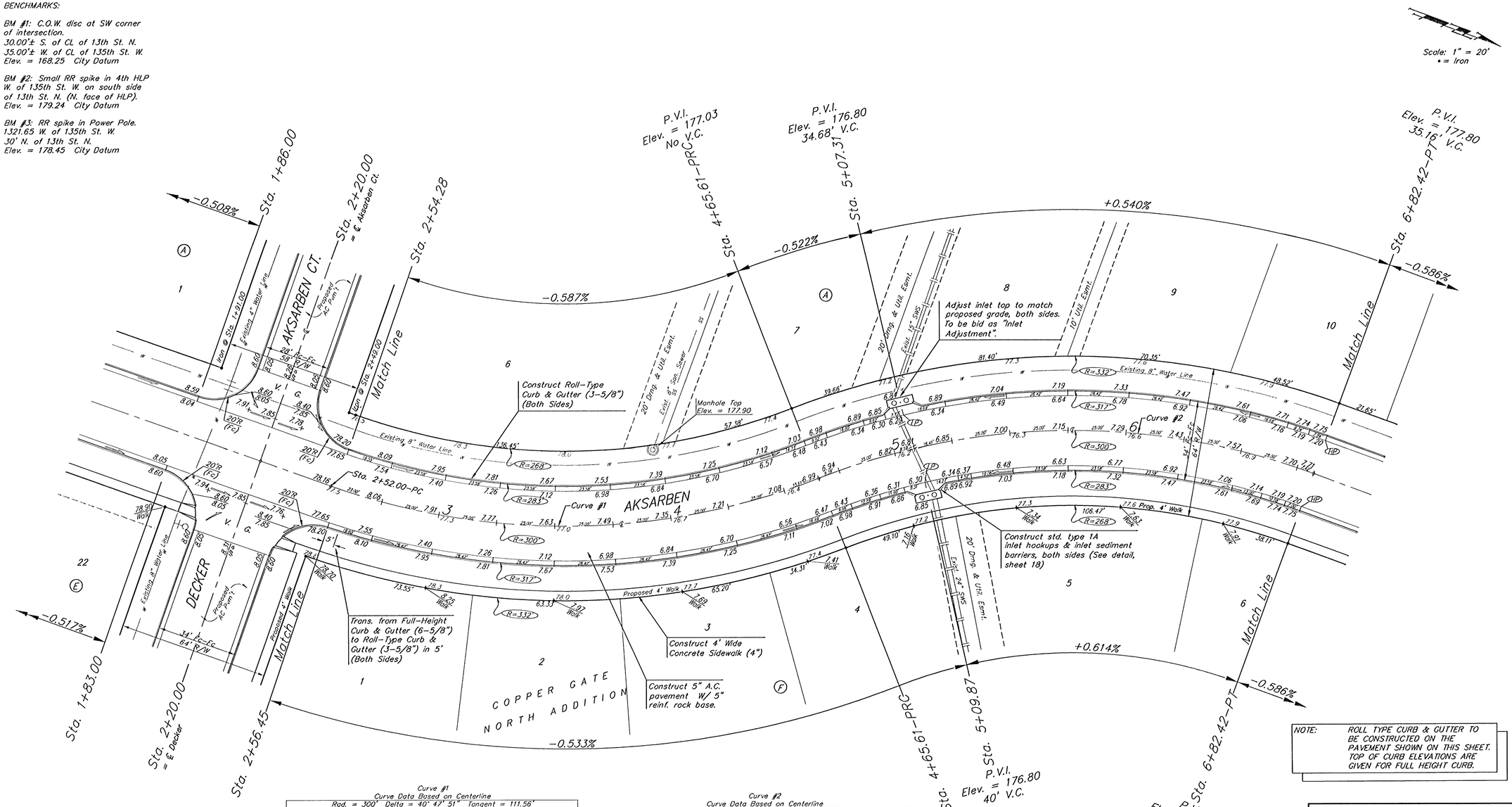
BENCHMARKS:

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



Curve #1
Curve Data Based on Centerline
Rad. = 300' Delta = 40° 47' 51" Tangent = 111.56'
Arc = 213.61' L.C. = 209.13' Def/Ft. = 5.72972 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
2+52.00	–	–	–	0°00'00"	0°00'00"
2+54.28	2.28'	2.09'	2.47'	0°13'04"	0°13'04"
2+56.45	2.17'	1.99'	2.35'	0°12'26"	0°25'30"
2+75.00	18.55'	17.00'	20.09'	1°46'17"	2°11'47"
3+00.00	25.00'	22.91'	27.08'	2°23'15"	4°35'02"
3+25.00	25.00'	22.91'	27.08'	2°23'14"	6°58'16"
3+50.00	25.00'	22.91'	27.08'	2°23'15"	9°21'31"
3+75.00	25.00'	22.91'	27.08'	2°23'14"	11°44'45"
4+00.00	25.00'	22.91'	27.08'	2°23'15"	14°08'00"
4+25.00	25.00'	22.91'	27.08'	2°23'14"	16°31'14"
4+50.00	25.00'	22.91'	27.08'	2°23'15"	18°54'29"
4+65.61	15.61'	14.31'	16.91'	1°29'27"	20°23'56"

Curve #2
Curve Data Based on Centerline
Rad. = 300' Delta = 41° 24' 29" Tangent = 113.38'
Arc = 216.81' L.C. = 212.12' Def/Ft. = 5.72963 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
4+65.61	–	–	–	0°00'00"	0°00'00"
4+75.00	9.39'	10.17'	8.61'	0°53'48"	0°53'48"
5+00.00	25.00'	27.08'	22.91'	2°23'15"	3°17'03"
5+25.00	25.00'	27.08'	22.91'	2°23'14"	5°40'17"
5+50.00	25.00'	27.08'	22.91'	2°23'14"	8°03'31"
5+75.00	25.00'	27.08'	22.91'	2°23'15"	10°26'46"
6+00.00	25.00'	27.08'	22.91'	2°23'14"	12°50'00"
6+25.00	25.00'	27.08'	22.91'	2°23'15"	15°13'15"
6+50.00	25.00'	27.08'	22.91'	2°23'14"	17°36'29"
6+75.00	25.00'	27.08'	22.91'	2°23'15"	19°59'44"
6+82.42	7.42'	8.04'	6.80'	0°42'31"	20°42'15"

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.

Baughman

Copper Gate North Addition - Phase I

AKSARBEN

STA. 2+54.28 TO STA. 6+82.42

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 3162622211 F 3162626149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84104

REVISIONS:

DESIGN NBW DRAWN TMS/JAK

APPROVED DATE 10/05/05

SCALE Noted

SHEET 7 OF 28

Copper Gate North\Phase 1\Str2 05-02-E162