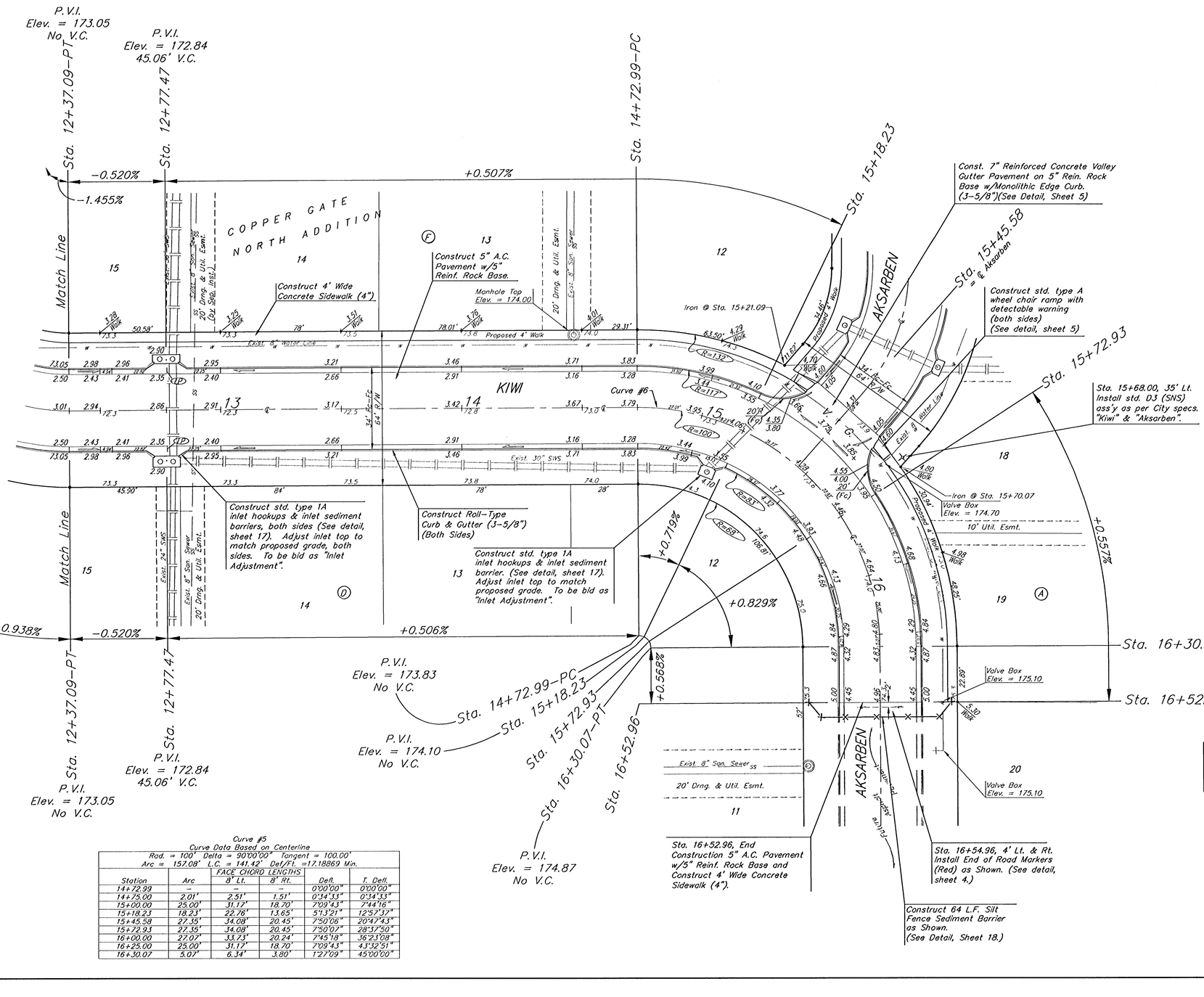
BENCHMARKS:

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



Curve #5
Curve Data Based on Centerline
Rad. = 100' Delta = 90°00'00" Tangent = 100.00'
Arc = 157.08' L.C. = 141.42' Def/Ft. =17.18869 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
14+72.99	–	–	–	0°00'00"	0°00'00"
14+75.00	2.01'	2.51'	1.51'	0°34'33"	0°34'33"
15+00.00	25.00'	31.17'	18.70'	7°09'43"	7°44'16"
15+18.23	18.23'	22.76'	13.65'	5°13'21"	12°57'37"
15+45.58	27.35'	34.08'	20.45'	7°50'06"	20°47'43"
15+72.93	27.35'	34.08'	20.45'	7°50'07"	28°37'50"
16+00.00	27.07'	33.73'	20.24'	7°45'18"	36°23'09"
16+25.00	25.00'	31.17'	18.70'	7°09'43"	43°32'51"
16+30.07	5.07'	6.34'	3.80'	1°27'09"	45°00'00"

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
KIWI
STA. 12+37.09 TO STA. 16+52.95

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.263.7271 F 316.263.6149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84104
REVISIONS:
DESIGN NBW DRAWN TMS/JAK
APPROVED DATE 10/05/05
SCALE Noted
SHEET **12** OF **27**

Copper Gate North\Phase 1\Str1 05-02-E162