

BENCHMARKS:
 BM #1: Disc on Top of Curb
 South Side of 27th St. N. and
 West of 27th Ct. N.
 Woods North 3rd Addition
 Elev. = 1397.69 NAVD88

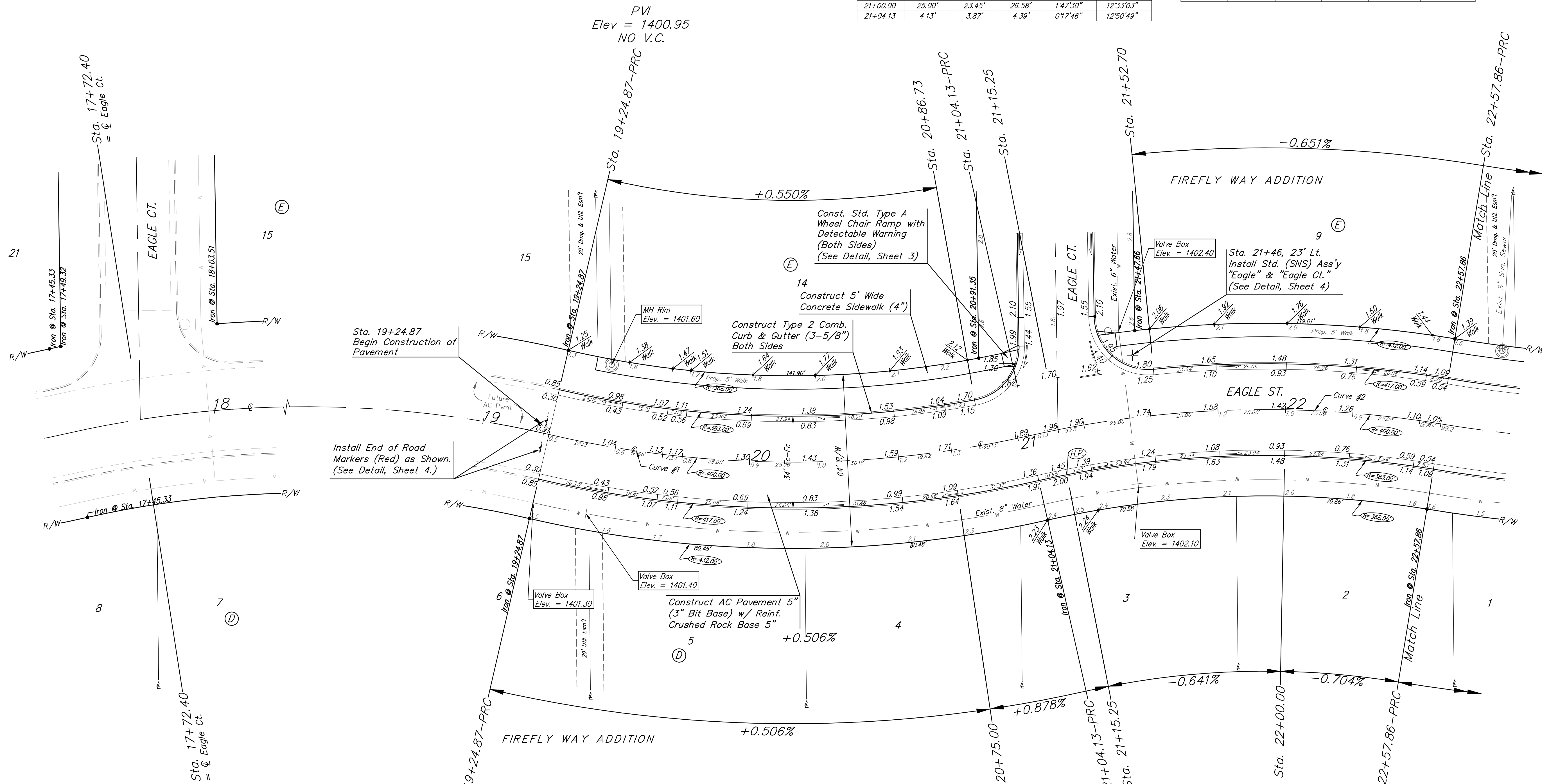
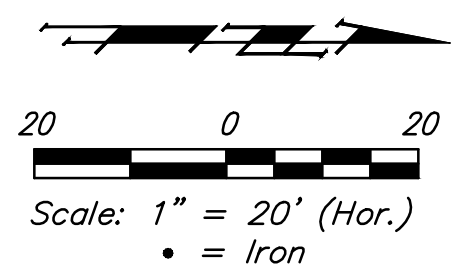
BM #2: Northwest 1/4 Corner
 Government Lot 2, Sec. 3, TWP.
 27-S, R-2-E
 Elev. = 1405.78 NAVD88

Curve #1
 Curve Data Based on Centerline
 Rad. = 400' Delta = 25°41'38" Tangent = 91.22'
 Arc = 179.26' L.C. = 177.88' Def./Ft. = 4.29999 Min.

Station	Arc	Chord		Defl.	Total Defl.
		8' Left	8' Right		
19+24.87	-	-	-	0°00'00"	0°00'00"
19+25.00	0.13'	0.12'	0.14'	0°00'34"	0°00'34"
19+50.00	25.00'	23.45'	26.58'	1°47'30"	1°48'04"
19+75.00	25.00'	23.45'	26.58'	1°47'30"	3°35'34"
20+00.00	25.00'	23.45'	26.58'	1°47'30"	5°23'04"
20+25.00	25.00'	23.45'	26.58'	1°47'29"	7°10'33"
20+50.00	25.00'	23.45'	26.58'	1°47'30"	8°58'03"
20+75.00	25.00'	23.45'	26.58'	1°47'30"	10°45'33"
21+00.00	25.00'	23.45'	26.58'	1°47'30"	12°33'03"
21+04.13	4.13'	3.87'	4.39'	0°17'46"	12°50'49"

Curve #2
 Curve Data Based on Centerline
 Rad. = 400' Delta = 22°01'15" Tangent = 77.83'
 Arc = 153.73' L.C. = 152.79' Def./Ft. = 4.29731 Min.

Station	Arc	Chord		Defl.	Total Defl.
		8' Left	8' Right		
21+04.13	-	-	-	0°00'00"	0°00'00"
21+25.00	20.87'	22.17'	19.56'	1°29'41"	1°29'41"
21+50.00	25.00'	26.56'	23.43'	1°47'26"	3°17'07"
21+75.00	25.00'	26.56'	23.43'	1°47'26"	5°04'33"
22+00.00	25.00'	26.56'	23.43'	1°47'26"	6°51'59"
22+25.00	25.00'	26.56'	23.43'	1°47'26"	8°39'25"
22+50.00	25.00'	26.56'	23.43'	1°47'26"	10°26'51"
22+57.86	7.86'	8.35'	7.37'	0°33'46"	11°00'37"



PVI
 Elev = 1400.95
 NO V.C.

PVI
 Elev = 1401.65
 NO V.C.

PVI
 Elev = 1402.00
 NO V.C.

PVI
 Elev = 1401.48
 NO V.C.

PVI
 Elev = 1400.90
 NO V.C.

Roll type curb & gutter to be constructed on the pavement on this sheet. Top of curb elevation are given for full height curb.

	Firefly Way Addition Phase I	
	EAGLE ST.	
Sta. 19+24.87 to Sta. 22+57.86		
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149		
ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE		
PROJECT NUMBER 472-85350	DESIGN AEG	DRAWN DJL
REVISIONS:	APPROVED	DATE 2/17
	SCALE Noted	SHEET
		8 OF 38