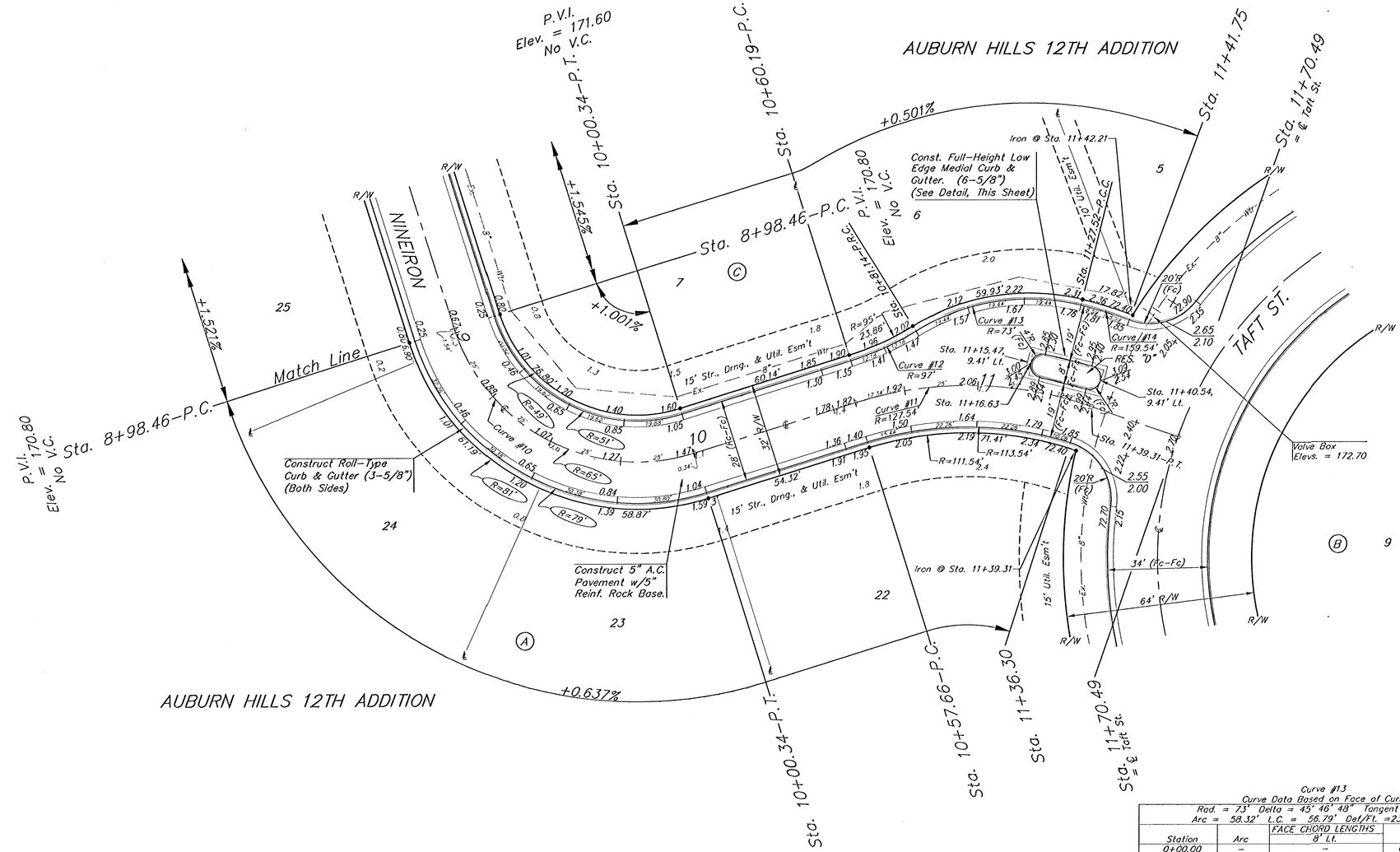
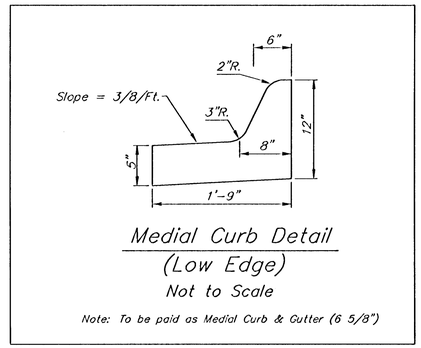
BENCH MARKS:
City Disc – 34.3' E. & 3.3' N. of S.W. Corner of N.W. 1/4, Sec. 25, T–27–S, R–2–W.
Elev. = 156.63 City Datum

City Disc – 135TH St. W. & Maple, 30' N. & 15' E. Of Both.
Elev. = 150.20 City Datum

SCALE: 1" = 20'
• = Iron





Medial Curb Detail
(Low Edge)
Not to Scale

Note: To be paid as Medial Curb & Gutter (6 5/8")

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

Curve #10
Curve Data Based on Centerline
Rad. = 65' Delta = 89° 48'02" Tangent = 64.77'
Arc = 101.87' L.C. = 91.76' Def/Ft. =26.44563 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
8+98.46	–	–	–	0°00'00"	0°00'00"
9+25.00	26.54'	17.44'	35.28'	11°41'52"	11°41'52"
9+50.00	25.00'	16.44'	33.26'	11°01'08"	22°43'00"
9+75.00	25.00'	16.44'	33.26'	11°01'09"	33°44'09"
10+00.33	25.33'	16.65'	33.69'	11°09'52"	44°54'01"

Curve #11
Curve Data Based on Centerline
Rad. = 113.54' Delta = 36° 40' 52" Tangent = 37.64'
Arc = 78.65' L.C. = 71.45' Def/Ft. =13.99152 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
10+57.65	–	–	–	0°00'00"	0°00'00"
10+75.00	17.35'	19.13'	12.92'	4°02'45"	4°02'45"
11+00.00	25.00'	27.53'	18.60'	5°49'47"	9°52'32"
11+25.00	25.00'	27.53'	18.60'	5°49'47"	15°42'20"
11+36.30	11.30'	12.46'	8.42'	2°38'06"	18°20'26"
11+39.31	3.01'	3.32'	2.24'	0°42'07"	19°02'33"

Curve #12
Curve Data Based on Face of Curb
Rad. = 97' Delta = 14° 23' 29" Tangent = 12.25'
Arc = 24.36' L.C. = 24.30' Def/Ft. =17.72339 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	Defl.	T. Defl.
10+60.19	–	–	0°00'00"	0°00'00"
10+71.02	12.18'	11.17'	3°35'52"	3°35'52"
10+81.14	12.18'	11.17'	3°35'53"	7°11'45"

Curve #13
Curve Data Based on Face of Curb
Rad. = 73' Delta = 45° 46' 48" Tangent = 30.82'
Arc = 58.32' L.C. = 56.79' Def/Ft. =23.54938 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	Defl.	T. Defl.
0+00.00	–	–	0°00'00"	0°00'00"
0+19.44	19.44'	21.51'	7°37'48"	7°37'48"
0+38.88	19.44'	21.51'	7°37'48"	15°15'36"
0+58.32	19.44'	21.51'	7°37'48"	22°53'24"

Curve #14
Curve Data Based on Centerline
Rad. = 159.54' Delta = 6° 10'09" Tangent = 8.60'
Arc = 17.18' L.C. = 17.17' Def/Ft. =10.77270 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	Defl.	T. Defl.
0+00.00	–	–	0°00'00"	0°00'00"
0+08.59	8.59'	9.02'	1°32'32"	1°32'32"
0+17.18	8.59'	9.02'	1°32'33"	3°05'05"

AUBURN HILLS ADDITION - PHASE I
NINEIRON
STA. 8+98.46 TO STA. 11+70.49

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316–262–7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 472-83290
SHEET 16 OF 30

DESIGN	DRAWN	APPROVED	DATE	SCALE
DMV	JAK		3–14–01	NOTED

Auburn12 | Str13 | 00–10–5837