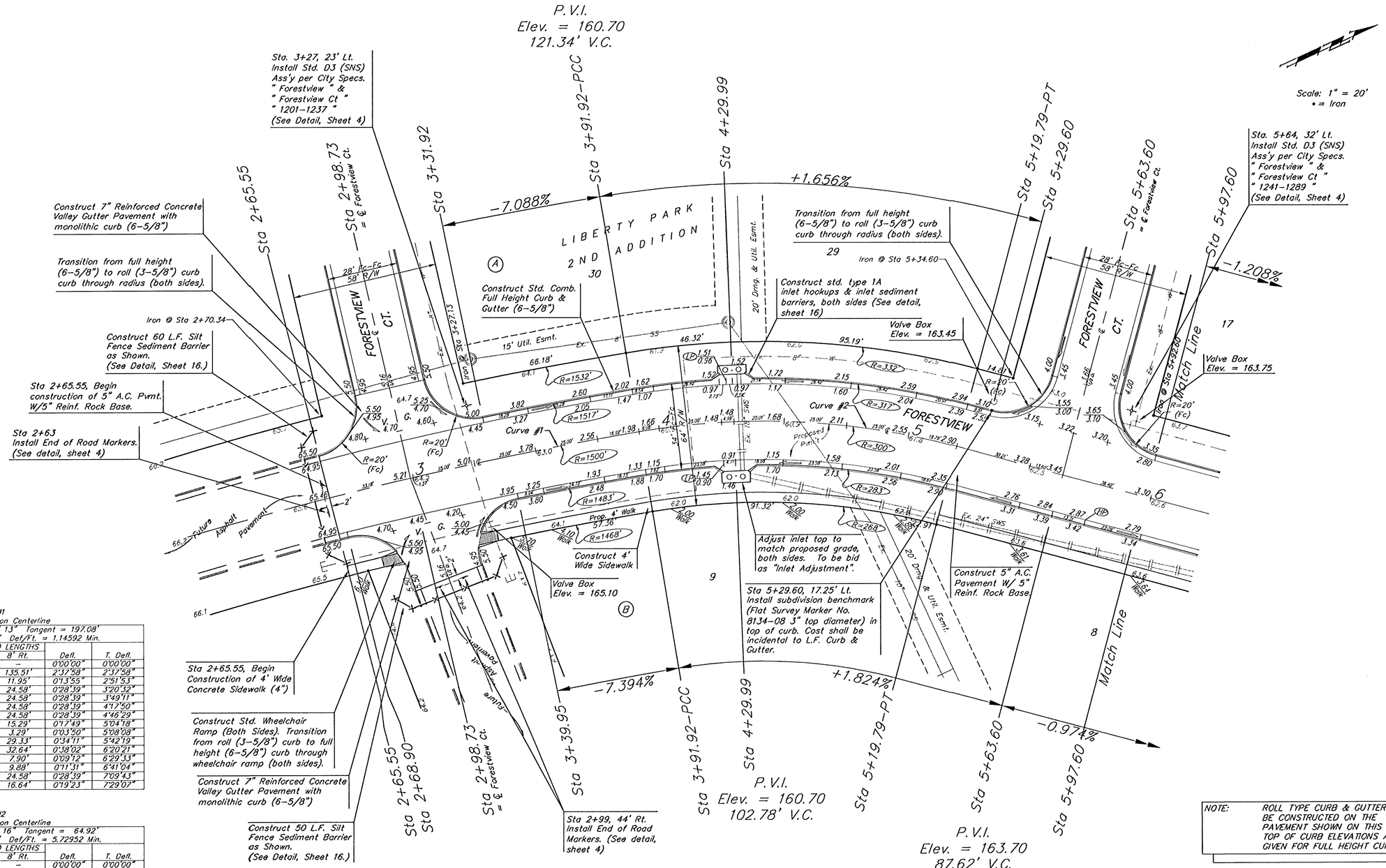
BENCHMARKS:
BM #1: C.O.W. benchmark disk. 56' E and 55' N of CL 135th St. W. & 13th St. N.
Elev. = 167.83 (City Datum)

BM #2: 60D nail in HLP, 800' W & 31' N of the NE cor., NW1/4, Sec. 13, T-27-S, R-2-W.
Elev. = 162.68 (City Datum)



Curve #1
Curve Data Based on Centerline
Rad. = 1500' Delta = 14° 58' 13" Tangent = 197.08'
Arc = 391.92' L.C. = 390.81' Def/Ft. = 1.14592 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+00.00	–	–	–	0°00'00"	0°00'00"
1+37.85	137.85'	140.10'	135.51'	2°37'58"	2°37'58"
1+50.00	12.15'	12.35'	11.95'	0°13'55"	2°51'53"
1+75.00	25.00'	25.42'	24.58'	0°28'39"	3°20'32"
2+00.00	25.00'	25.42'	24.58'	0°28'39"	3°49'11"
2+25.00	25.00'	25.42'	24.58'	0°28'39"	4°17'50"
2+50.00	25.00'	25.42'	24.58'	0°28'39"	4°46'29"
2+65.55	15.55'	15.81'	15.29'	0°17'49"	5°04'18"
2+68.90	3.35'	3.41'	3.29'	0°03'50"	5°08'08"
2+98.73	29.83'	30.33'	29.33'	0°34'11"	5°42'19"
3+31.92	33.19'	33.74'	32.64'	0°38'02"	6°20'21"
3+39.95	8.03'	8.16'	7.90'	0°09'12"	6°29'33"
3+50.00	10.05'	10.22'	9.88'	0°11'31"	6°41'04"
3+75.00	25.00'	25.42'	24.58'	0°28'39"	7°09'43"
3+91.92	16.92'	17.20'	16.64'	0°19'23"	7°29'07"

Curve #2
Curve Data Based on Centerline
Rad. = 300' Delta = 24° 25' 16" Tangent = 64.92'
Arc = 127.87' L.C. = 126.90' Def/Ft. = 5.72952 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
3+91.92	–	–	–	0°00'00"	0°00'00"
4+00.00	8.08'	8.75'	7.41'	0°46'17"	0°46'17"
4+25.00	25.00'	27.08'	22.91'	2°23'14"	3°09'32"
4+50.00	25.00'	27.08'	22.91'	2°23'14"	5°32'46"
4+75.00	25.00'	27.08'	22.91'	2°23'14"	7°56'00"
5+00.00	25.00'	27.08'	22.91'	2°23'14"	10°19'15"
5+19.79	19.79'	21.44'	18.14'	1°53'23"	12°12'38"

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.

LIBERTY PARK 2ND ADDITION - PHASE I
FORESTVIEW
Sta 3+39.95 to Sta 5+97.60

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

PROJECT NUMBER				SHEET
				7 OF 27
DESIGN: NBW	DRAWN: TMS	APPROVED	DATE: 4/30/03	SCALE: Noted

LibertyPark/Str1 02-10-E423