

BM #2: 60d step bench in HLP,
15' N & 40' E of the
intersection of 34th St. N. and
Eisenhower.
Elev. = 144.00 City Datum

Curve #1				
Curve Data Based on Centerline				
Rad. = 71.93' Delta = 39° 49'08" Tangent = 26.05'				
Arc = 49.99' L.C. = 48.99' Del/Pt. = 23.89611 Min.				
Station	Arc	FACE CHORD LENGTHS	Defl.	T. Defl.
A	-	8' 8"	0°00'00"	0°00'00"
B	22.32'	19.80'	8°54'33"	8°54'33"
C	19.87'	12.43'	7°50'02"	16°44'55"
D	9.85'	7.06'	3°09'58"	19°54'34"

Curve #2
Curve Data Based on Centerline

Rad. = 112.93' Delta = 51° 26' 42" Tangent = 54.40'
Arc = 101.4' L.C. = 38.03' Del/Pt. = 15.22041 Min.

FACE CHORD LENGTHS			
Station	Arc	8' Lt.	Defl.
A			0°00'00"
B	37.03'	39.48'	9°23'37"
C	50.04'	52.71'	17°09'58"
D	50.04'	55.39'	25°43'25"

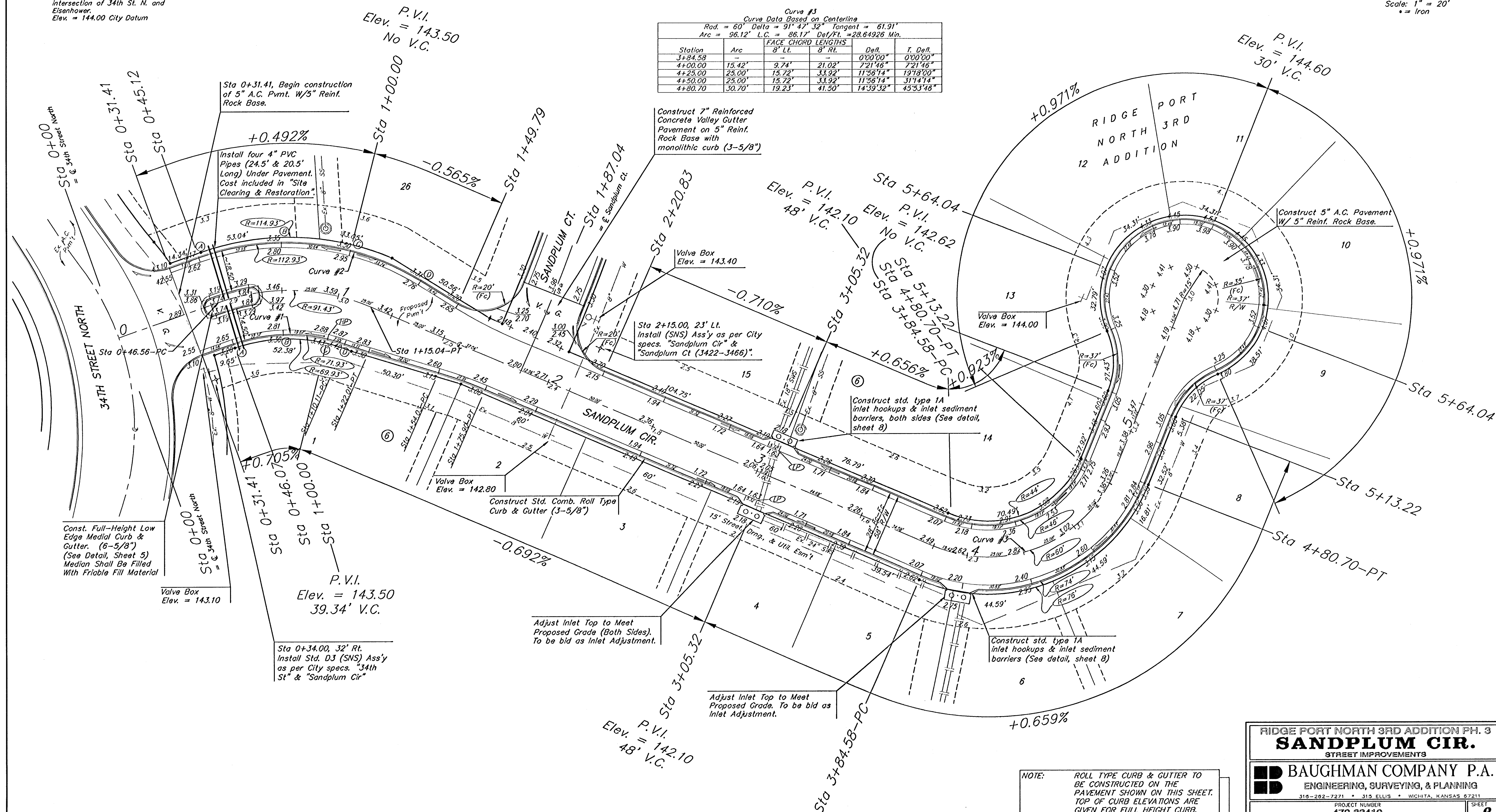
Curve #3

Curve Data Based on Centerline

Rad. = 60' Delta = 91° 47' 32" Tangent = 61.91'

Arc = 96.12' L.C. = 86.11' Def/Ft = 28.64926 Min.

FACE CHORD LENGTHS					
Station	Arc	8' Lt.	8' Rt.	Def'l.	F. Def'l.
3+84.58	—	—	—	0'00.00"	0'00.00"
4+00.00	15.42'	9.74'	21.02'	721.46"	721.46"
4+25.00	44.25.00	31.92'	33.92'	1156.14"	1193.80"
4+50.00	25.00'	15.72'	33.92'	1156.14"	3174.14"
4+80.20	30.20'	19.23'	41.50'	1439.32"	4553.46"



NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAYEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

RIDGE PORT NORTH 3RD ADDITION PH. 3 SANDPLUM CIR. STREET IMPROVEMENTS					
 BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING					
315-282-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER 472-83410					SHEET 6 OF 13
DESIGN <i>AGW</i>	DRAWN <i>JYC</i>	APPROVED	DATE <i>5/29/02</i>	SCALE <i>Noted</i>	