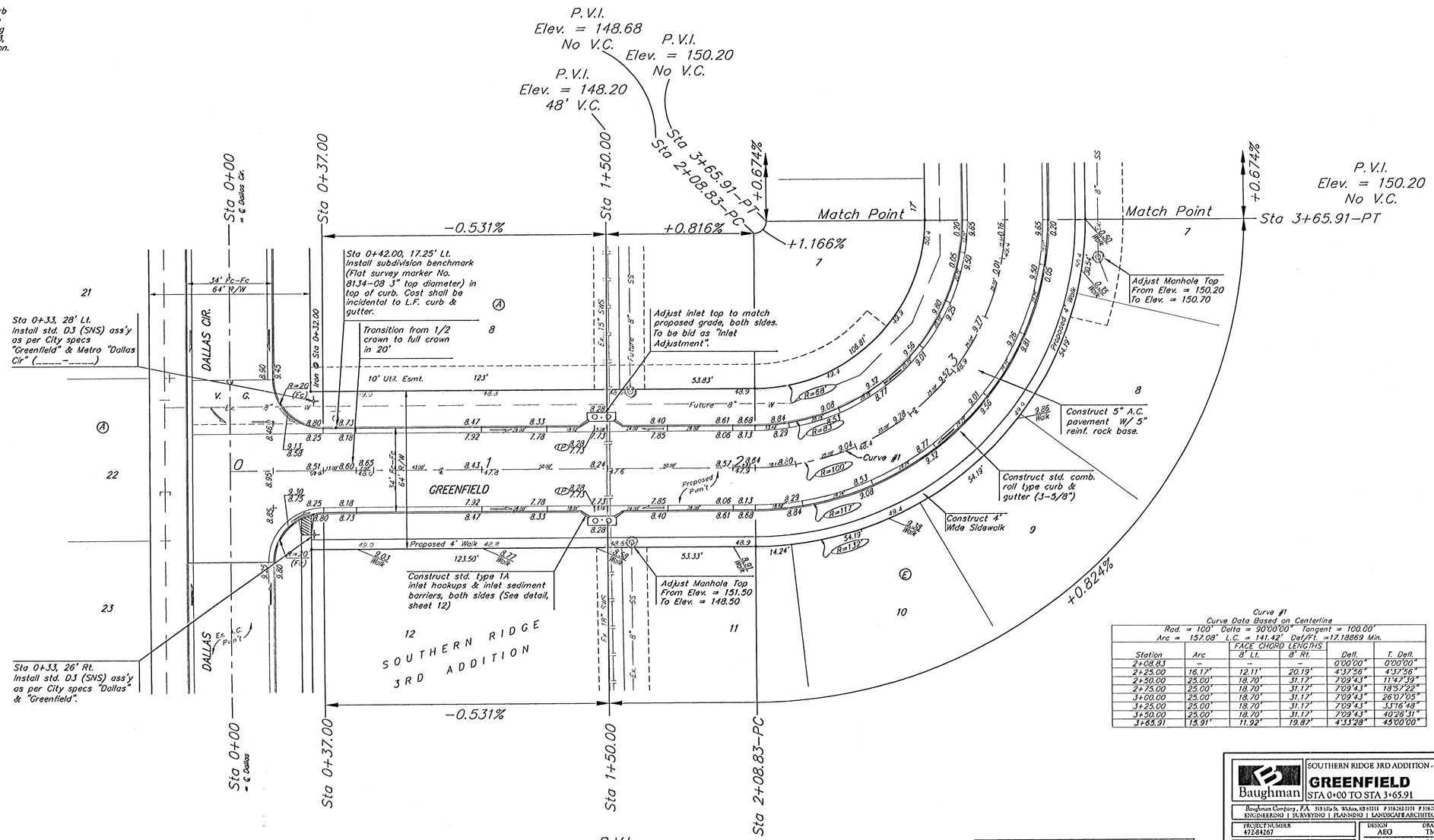
BENCHMARKS:

BM #1: COW Disc in top of curb adjacent to the fire hydrant at the SW corner of Yosemite and Lamp Cir.
Elev. = 146.73 (City Datum)

BM #2: COW Disc in top of curb adjacent to the fire hydrant on the west side of Westgate along the southwesterly line of Lot 13, Block B, Southern Ridge Addition.
Elev. = 144.10 (City Datum)

Scale: 1" = 20'
• = Iron



Curve #1
Curve Data Based on Centerline
Rad. = 100' Delta = 90°00'00" Tangent = 100.00'
Arc = 157.08' L.C. = 141.42' Defl/Ft. =17.18869 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
2+08.83	–	–	–	0°00'00"	0°00'00"
2+25.00	16.17'	12.11'	20.19'	4°37'56"	4°37'56"
2+50.00	25.00'	18.70'	31.17'	7°09'43"	11°47'39"
2+75.00	25.00'	18.70'	31.17'	7°09'43"	18°57'22"
3+00.00	25.00'	18.70'	31.17'	7°09'43"	26°07'05"
3+25.00	25.00'	18.70'	31.17'	7°09'43"	33°16'48"
3+50.00	25.00'	18.70'	31.17'	7°09'43"	40°26'31"
3+65.91	15.91'	11.92'	19.82'	4°33'28"	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

SOUTHERN RIDGE 3RD ADDITION - PH IV

GREENFIELD

STA 0+00 TO STA 3+65.91

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.263.2111 F 316.263.2149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472.84267	DESIGN AEO / DRAWN TMS
REVISIONS:	APPROVED AEO / DATE 10/11/05
	SCALE Noted
	SHEET 7 OF 19

Southern Ridge 3rd/Phase4/Sht2 05-08-E314