BENCHMARK:
BM #1: C.O.W. disc in curb adjacent to fire hydrant near SE corner of Lot 18, Block B, Southern Ridge 2nd Addition. Elev. = 144.10 (City Datum)

BM #2: C.O.W. disc 44.0' S & 49.8' W of intersection of Pawnee & Maize Road. 12.0' E of fence and 65.0' SW of section corner Elev. = 132.12 (City Datum)

Scale: 1" = 20'
• = Iron

Sta 0+00 Proposed 3" ø
Sta 0+32.71
Sta 0+68.06-PC
Sta 1+03.98-PT
Sta 2+76.50
Sta 3+26.49
+0.502%
+1.026%
45°00'00"
45°34'23"
PRESCOTT
PRESCOTT CIR.
MAXWELL
SOUTHERN RIDGE 2ND ADDITION
Transition from 1/2 crown to full crown in 17.29'
Manhole Top Elev. = 147.90
Valve Box Elev. = 148.60
Manhole Top Elev. = 148.70
Adjust Manhole Top From Elev. = 148.90 To Elev. = 149.40
20' Util. Esmt.
Ex. 8" SS
Ex. 6" W
Ex. 8" W
Curve #4
Proposed P'mn't
Sta 0+32.71, 14.25' Rt. Install subdivision benchmark (Flat survey marker No. 8134-08 3" top diameter) in top of curb. Cost shall be incidental to L.F. curb & gutter.
Valve Box Elev. = 146.70
Iron @ Sta 0+28.77
Construct 5" A.C. pavement W/ 5" reinf. rock base.
Construct std. comb. roll type curb & gutter (3-5/8")
+0.574%
+0.504%
P.V.I. Elev. = 146.98 No V.C.
P.V.I. Elev. = 149.00 30' V.C.
Iron @ Sta 2+65.76
Lot 1 Block 1
Lot 2 Block 1
Lot 18 Block B
Lot 19 Block B
Lot 20 Block B
Lot 21 Block B
Lot 22 Block B
Lot 23 Block B
Lot 24 Block B
Lot 25 Block B
Lot 26 Block B
Lot 27 Block B
Lot 28 Block B
Lot 29 Block B
Lot 30 Block B
Lot 31 Block B
Lot 32 Block B
Lot 33 Block B
Lot 34 Block B
Lot 35 Block B
Lot 36 Block B
Lot 37 Block B
Lot 38 Block B
Lot 39 Block B
Lot 40 Block B
Lot 41 Block B
Lot 42 Block B
Lot 43 Block B
Lot 44 Block B
Lot 45 Block B
Lot 46 Block B
Lot 47 Block B
Lot 48 Block B
Lot 49 Block B
Lot 50 Block B
Lot 51 Block B
Lot 52 Block B
Lot 53 Block B
Lot 54 Block B
Lot 14 Block C

Curve #4
Curve Data Based on Centerline
Rad. = 100' Delta = 20° 34' 41" Tangent = 18.15'
Arc = 35.92' L.C. = 35.72' Def/Ft. =17.18658 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+68.06	–	–	–	0°00'00"	0°00'00"
0+75.00	6.94'	8.46'	5.41'	1°59'16"	1°59'16"
1+00.00	25.00'	30.42'	19.45'	7°09'40"	9°08'56"
1+03.98	3.98'	4.85'	3.10'	1°08'24"	10°17'20"

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 2ND ADD. - PH II
PRESCOTT CIR.
STA 0+00 TO STA 3+26.49

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.263.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84098
DESIGN AEG
DRAWN TMS
APPROVED
DATE 10/05
REVISIONS:
SCALE Noted
SHEET **11** OF **29**

SouthernRidge2nd\Phase II\Sts6 05-09-E350