BENCHMARKS:

BM #1: COW Disc at South West Corner of the Intersection of Lark & Atlanta. Elev. = 145.20 (City Datum)

BM #2: COW Disc at North West side of Westgate at South End of Lot 13 Block "B" Southern Ridge Addition. Elev. = 144.10 (City Datum)

BM #3: COW BM at Shefford on the south side of Pawnee Ave. Elev. = 145.53 (City Datum)

Scale: 1" = 20'
• = Iron

P.V.I. Elev. = 142.64 No V.C.
P.V.I. Elev. = 143.12 No V.C.
P.V.I. Elev. = 144.00 No V.C.
Sta 6+17.92-PT
Sta 5+43.36-PC
Sta 4+89.85-PT
Sta 4+06.86-PC
-1.206%
-0.897%
-1.277%
-0.702%
-0.906%
-0.717%
-0.688%
Match Line
Match Line
Sta 0+22.47
Sta 0+22.47
Sta 1+09.70
Sta 1+46.70
= ℄ Lark
Sta 1+83.70
Sta 4+06.86-PC
Sta 5+43.36-PC
Sta 4+89.85-PT
Sta 6+17.92-PT

SOUTHERN RIDGE 2ND ADDITION

FIELDCREST ST.
LARK
LARK

Sta 0+22.47, Begin construction of 5" A.C. pvmt. W/5" reinf. rock base and 4' sidewalk.

Construct 5" A.C. pavement W/ 5" reinf. rock base.

Valve Box Elev. = 144.90

Sta 3+18.48, 17.25' Lt. 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.

Construct std. comb. roll type curb & gutter (3-5/8")

Valve Box Elev. = 146.70

Sta 0+20.47 Install E.O.R. markers as shown. (See detail, sheet 4.)

Valve Box Elev. = 146.90

Install end-of-road hay bale sediment barriers. See detail, sheet 14.

Sta 1+18.00, 35' Rt. Install std. D3 (SNS) ass'y as per City specs. "Fieldcrest" & "Lark".

Iron @ BL Sta 1+14.70

Iron @ BL Sta 1+78.70

Adjust Valve Box Elev. from 146.00 to match sidewalk grade.

Construct std. type A wheel chair ramp with detectable warning (both sides) (See detail, sheet 5).

Construct 4' wide sidewalk

Construct 7" reinforced concrete valley gutter pavement with monolithic curb (3-5/8")

Curve #1
Curve Data Based on Centerline
Rad. = 100' Delta = 47° 33'00" Tangent = 44.05'
Arc = 82.99' L.C. = 80.63' Def/Ft. =17.18882 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
4+06.86	–	–	–	0°00'00"	0°00'00"
4+25.00	18.14'	13.59'	22.64'	5°11'48"	5°11'48"
4+50.00	25.00'	18.70'	31.17'	7°09'43"	12°21'31"
4+75.00	25.00'	18.70'	31.17'	7°09'43"	19°31'15"
4+89.85	14.85'	11.13'	18.55'	4°15'15"	23°46'30"

Curve #2
Curve Data Based on Centerline
Rad. = 100' Delta = 42° 43' 14" Tangent = 39.11'
Arc = 74.56' L.C. = 72.85' Def/Ft. =17.18907 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
5+43.36	–	–	–	0°00'00"	0°00'00"
5+50.00	6.64'	4.98'	8.30'	1°54'08"	1°54'08"
5+75.00	25.00'	18.70'	31.17'	7°09'43"	9°03'52"
6+00.00	25.00'	18.70'	31.17'	7°09'43"	16°13'35"
6+17.92	17.92'	13.42'	22.37'	5°08'02"	21°21'37"

P.V.I.
Elev. = 144.00
No V.C.

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 I
LARK
STA 0+22.47 TO STA 6+17.92

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84097
DESIGN AEG
DRAWN TMS
APPROVED
DATE 01/05
REVISIONS:
SCALE Noted
SHEET **6** OF **29**

SouthernRidge2nd/Str1 04-08-E046