STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54–87 K–8258–07	2004	13	101

DATE	BY	REFERENCE NOTED	REFERENCE CHECKED

CURVE DATA

Curve No.	Curve Location	P.I. Sta. (Bk.)	Delta (DMS)	Radius (m)	Tangent (m)	Length (m)	External (m)	Super
63	℄ South F.R.	4+641.175	03°08'41" Rt.	1 500.000	41.175	82.329	0.565	N.C.
64	℄ South F.R.	4+728.906	03°33'26" Lt.	1 500.000	46.577	93.125	0.723	"

CURVE DATA SOUTH FRONTAGE ROAD TO EXISTING

Curve No.	Curve Location	P.I. Sta. (Bk.)	Delta (DMS)	Radius (m)	Tangent (m)	Length (m)	External (m)	Super
S3	So. Ftg. Rd. Tie–In	4+854.603	06°02'28" Lt.	1 500.000	79.150	158.153	2.087	N.C.
S4	So. Ftg. Rd. Tie–In	5+022.442	06°46'43" Rt.	1 500.000	88.836	177.464	2.628	"

N

Scale: 1:1000

SW 1/4 Sec. 20, T27S, R2E

SE 1/4 Sec. 20, T27S, R2E

Sta. 50+000.000 ℄ Eastern
=Sta. 4+575.138 ℄ Kellogg

Sta. 50+000.000 ℄ CYPRESS
= Sta. 4+904.425 ℄ KELLOGG

Sta. 4+904.984 ℄ SOUTH FRONTAGE RD. =
Sta. 5+040.546 ℄ CYPRESS

4+400 4+500 4+600 4+700 4+800 4+900 5+000 5+100

50+000 50+100 50+200 5+000 5+100

109°12'59"
90°13'14"
89°36'09"
89°33'05"

PRC = 3+682.329
PT = 4+775.453
PC = 3+009.371

℄ Kellogg
CURVE S4
CURVE S3
Curve 63
Curve 64
PC = 4+600
8,502.47 sq.m.

℄ MANSFIELD +525.827
+904.425 ℄ CYPRESS
EASTERN AVE.
1/4 SECTION LINE

N: 513170.17216
E: 511995.10585

N: 513181.28313
E: 512152.79481

N: 513192.61018
E: 512329.79336

℄ S. Ftg. Rd.

Sta. 4+775.453 ℄ SOUTH FRONTAGE RD. =
Sta. 4+775.453 ℄ TIE–IN, BEGIN TRANSITION

Sta. 5+110.349, 21.265 RT.
℄ KELLOGG = Sta. 5+111.070
℄ TIE–IN, END TRANSITION

Sta. 4+575.879 ℄ South Frontage Rd. =
Sta. 50+037.001 ℄ Eastern
=Sta. 4+575.406, 37.000 m Rt. ℄ Kellogg

N 1/4 Cor. Sec. 29
=Sta. 4+685.326, 14.461 m Rt. ℄ Kellogg

Sec. Line
=Sta. 4+575.245, 14.834 m Rt. ℄ Kellogg
=Sta. 50+014.835 ℄ Eastern Ave.

NW 1/4 Sec. 29, T27S, R2E

NE 1/4 Sec. 29, T27S, R2E

Drawn by:
File: Q:\0011PH2\Vol1\C060
Plotted:
SCALE

Cook, Flatt & Strobel
ENGINEERS, P.A.

KANSAS DEPARTMENT OF TRANSPORTATION

GEOMETRIC LAYOUT
SOUTH FRONTAGE ROAD
STA. 4+400 TO STA. 5+100

Sedgwick, Co. Wichita, Kansas