Δ =63°46'5" L=178.07' R=160.00' T=99.53'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CL	8' RT.	DEFLECTION	TOTAL DEFLECTION
15+50.09 P.C.						
15+75.00	24.91'	20.92'	24.88'	28.85'	4°27'36"	4°27'36"
16+00.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	8°56'11"
16+10.76	10.76'	9.04'	10.76'	12.47'	1°55'36"	10°51'47"
16+25.00	14.24'	11.97'	14.24'	16.50'	2°32'59"	13°24'45"
16+50.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	17°53'20"
16+75.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	22°21'54"
17+00.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	26°50'29"
17+25.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	31°19'3"
17+28.16 P.T.	3.16'	2.66'	3.16'	3.67'	0°33'59"	31°53'2"

DEFLECTION/FOOT =.179049311 DEGREES 10.742958659 MINUTES

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 INCH = 20 FT.

Δ =23°16'28" L=81.24' R=200.00' T=41.19'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CL	8' RT.	DEFLECTION	TOTAL DEFLECTION
19+75.20 P.C.						
20+00.00	24.80'	27.94'	24.78'	21.62'	3°33'8"	3°33'8"
20+25.00	25.00'	28.17'	24.98'	21.80'	3°34'52"	7°8'0"
20+50.00	25.00'	28.17'	24.98'	21.80'	3°34'52"	10°42'52"
20+56.44 P.T.	6.44'	7.26'	6.44'	5.62'	0°55'22"	11°38'14"

DEFLECTION/FOOT =.143239449 DEGREES 8.594366927 MINUTES

COVINGTON CT.

COVINGTON

COVINGTON CT.

16+00 16+10.76 16+25 16+50 16+75 17+00 17+25 P.T. 17+28.16 17+50 18+00 18+01.20 R=169.20 19+00 19+04.18 19+56 P.C. 19+75.20 20+00 20+25 20+31.32 20+50 P.T. 20+56.44 21+00 21+68.46

+0.5' Wk. Grade
+0.95% CL Grade
+0.73% CL Grade

R=128.00'
R=143.00' Fc.
R=177.00' Fc.
R=192.00'
R=232.00'
R=217.00' Fc.
R=183.00' Fc.
R=168.00'

5" A.C. Pavement w/5" Crushed Rock Base on Fabric Reinforcement

Install Street Name Sign (2331-2343)

Δ =90°0'0" R =20.00' Fc. T =20.00' L =31.42'

32' R/W
29' B-B

14.50'
64' R/W
35' B-B
14.50'

7" R.C. Valley Gutter w/5" Crushed Rock Base on Fabric Reinforcement

Δ =23°16'28" R =200.00' T =41.19' L =81.24'

Sta. 18+69.20 17.50' Lt. Install Subdivision Benchmark (See Note 10 on Sheet 1)

Constr. Wheelchair Ramps (Typ.) Both Sides

Δ =63°46'05" R =160.00' T =99.53' L =178.07'

Comb. Cb. & Gtr. (6 5/8" and 1 1/2")

Constr. 4' Conc. Sidewalk

Δ =97°30'12" R =20.00' Fc. T =22.81' L =34.04'

58' R/W
29' B-B
14.50'

Install Street Name Sign (2346-2362)

Δ =83°25'19" R =20.00' Fc. T =17.83' L =29.12'

Saw Cut and Match Existing Pavement (35 LF)

No.	Street and Station	From CL	Description	Elevation
1	Covington, 18+69.20	17.50' NW.	Top of Curb (NW) Return (NW) of Covington Ct.	167.88

No.	Date	By	Approved	Revision
1	10/1/01	JMJ	JMJ	Revised Curve Tables

THE LOCHS AT ABERDEEN
STREET IMPROVEMENTS
COVINGTON
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj.# 472-83359 O.C.#: 765681

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
9990 E. Central, Suite 200 ■ Wichita, KS 67206-2432
Phone 316/685-4114 ■ FAX 316/685-4444

FINAL

Engineer: J. Ubert
Drawn By: B. Kulla
Poe Job No.: 1656B
Date: May 2001

Sheet 7 of 58

G:\APPS\DCA\P\G656base.dwg Tue Oct 02 11:02:23 2001 James Ubert - Poe & Associates of Kansas, Inc.