GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 INCH = 20 FT.

Δ =46°13'21" L=413.85' R=513.00' T=218.93'

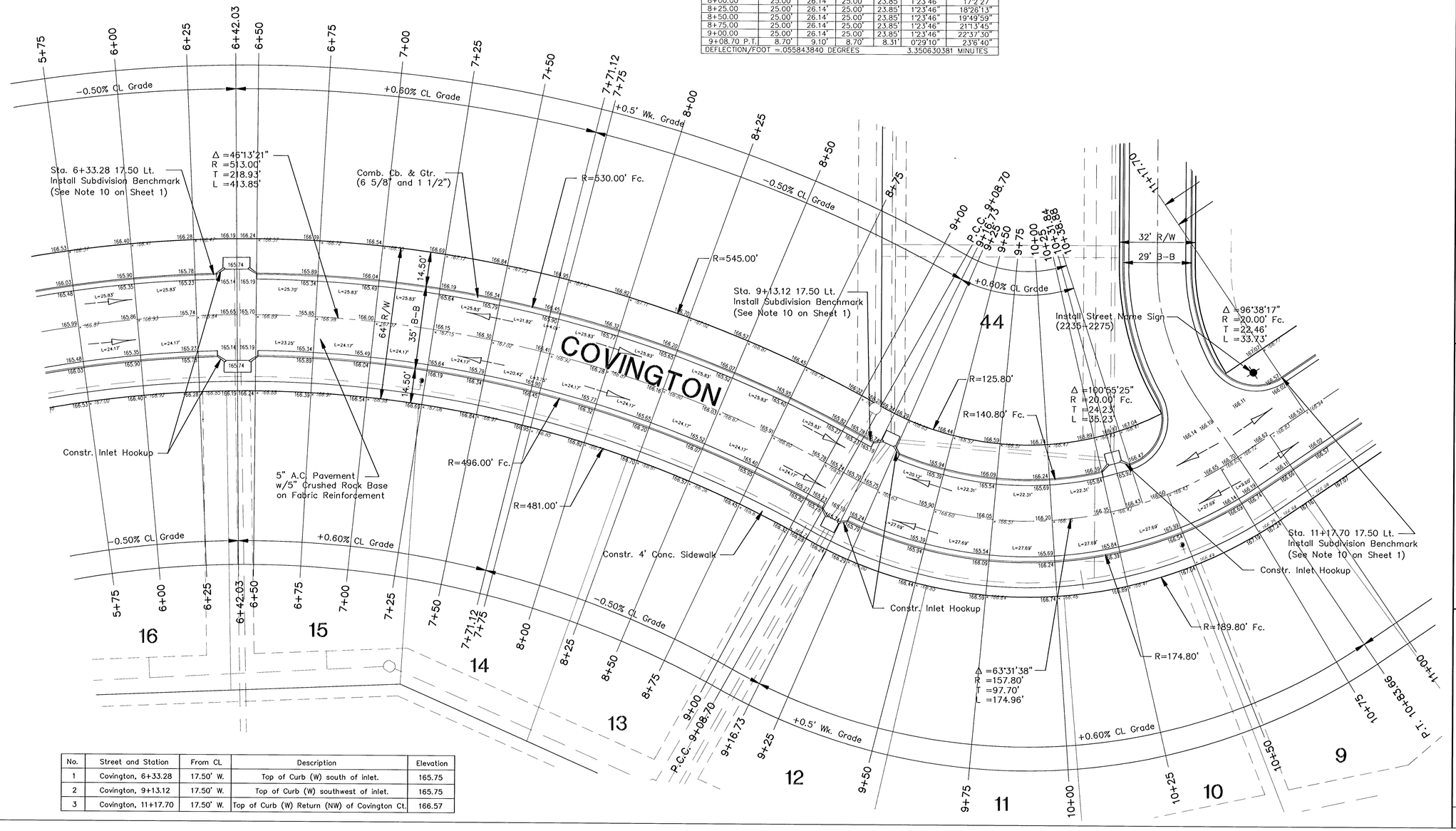
CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CL	8' RT.	DEFLECTION	TOTAL DEFLECTION
4+94.85 P.C.						
5+00.00	5.15'	5.39'	5.15'	4.91'	0°17'15"	0°17'15"
5+25.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	1°41'1"
5+50.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	3°4'47"
5+75.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	4°28'33"
6+00.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	5°52'19"
6+25.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	7°16'5"
6+42.03	17.03'	17.81'	17.03'	16.25'	0°57'4"	8°13'9"
6+50.00	7.97'	8.34'	7.97'	7.60'	0°26'42"	8°39'51"
6+75.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	10°3'37"
7+00.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	11°27'23"
7+25.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	12°51'9"
7+50.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	14°14'55"
7+75.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	15°38'41"
8+00.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	17°2'27"
8+25.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	18°26'13"
8+50.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	19°49'59"
8+75.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	21°13'45"
9+00.00	25.00'	26.14'	25.00'	23.85'	1°23'46"	22°37'30"
9+08.70 P.T.	8.70'	9.10'	8.70'	8.31'	0°29'10"	23°6'40"
DEFLECTION/FOOT =.055843840 DEGREES					3.350630381 MINUTES	

Δ =63°31'38" L=174.96' R=157.80' T=97.70'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CL	8' RT.	DEFLECTION	TOTAL DEFLECTION
9+08.70 P.C.						
9+16.73	8.03'	6.73'	8.03'	9.33'	1°27'28"	1°27'28"
9+25.00	8.27'	6.93'	8.27'	9.61'	1°30'5"	2°57'33"
9+50.00	25.00'	20.94'	24.97'	29.01'	4°32'19"	7°29'52"
9+75.00	25.00'	20.94'	24.97'	29.01'	4°32'19"	12°2'11"
10+00.00	25.00'	20.94'	24.97'	29.01'	4°32'19"	16°34'30"
10+25.00	25.00'	20.94'	24.97'	29.01'	4°32'19"	21°6'49"
10+31.84	6.84'	5.73'	6.84'	7.94'	1°14'30"	22°21'20"
10+38.88	7.04'	5.90'	7.04'	8.18'	1°16'41"	23°38'1"
10+50.00	11.12'	9.32'	11.12'	12.91'	2°1'8"	25°39'9"
10+75.00	25.00'	20.94'	24.97'	29.01'	4°32'19"	30°11'28"
10+83.66 P.T.	8.66'	7.26'	8.66'	10.06'	1°34'21"	31°45'49"
DEFLECTION/FOOT =.181545562 DEGREES					10.892733748 MINUTES	



No.	Street and Station	From CL	Description	Elevation
1	Covington, 6+33.28	17.50' W.	Top of Curb (W) south of inlet.	165.75
2	Covington, 9+13.12	17.50' W.	Top of Curb (W) southwest of inlet.	165.75
3	Covington, 11+17.70	17.50' W.	Top of Curb (W) Return (NW) of Covington Ct.	166.57

No.	Date	By	Approved	Revision
4	10/1/01	JMU	JMU	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.A.# 765681

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444

FINAL

Engineer: J. Ubert
Drawn By: B. Kulla
Poe Job No.: 16568
Date: May 2001

Sheet 5 of 58

G:\APPS\CICA\P\6568\base.dwg Tue Oct 02 09:00:37 2001 James Ubert - Poe & Associates of Kansas, Inc.