



NOTE:  
All Right-of-Way grades from Sta. 0+35.75 to Sta. 0+85.04 are 0.5' below top of curb elevations. Ensure that sidewalk grades do not cause water to pond in these areas.

Δ=53°49'56" L=206.70' R=220.00' T=111.69'

**CURVE TABLE BASED ON CL RADIUS**

STATION	CL ARC	CHORD LENGTH		TOTAL DEFLECTION	
	8' LT.	8' RT.	8' LT.	8' RT.	DEGREES
0+85.04 P.C.	14.96'	13.43'	14.96'	16.49'	1°56'53"
1+00.00	25.00'	22.43'	24.99'	27.54'	5°12'12"
1+25.00	25.00'	22.43'	24.99'	27.54'	3°15'20"
1+50.00	25.00'	22.43'	24.99'	27.54'	8°27'32"
1+75.00	25.00'	22.43'	24.99'	27.54'	11°42'51"
2+00.00	25.00'	22.43'	24.99'	27.54'	14°58'11"
2+25.00	25.00'	22.43'	24.99'	27.54'	18°13'31"
2+50.00	25.00'	22.43'	24.99'	27.54'	21°28'50"
2+75.00	25.00'	22.43'	24.99'	27.54'	24°44'10"
2+91.74 P.T.	16.74'	15.03'	16.74'	18.45'	26°54'58"

DEFLECTION/FOOT = 0.130217681 DEGREES 7.813060843 MINUTES

Δ=30°33'57" L=133.37' R=250.00' T=68.31'

**CURVE TABLE BASED ON CL RADIUS**

STATION	CL ARC	CHORD LENGTH		TOTAL DEFLECTION	
	8' LT.	8' RT.	8' LT.	8' RT.	DEGREES
3+78.35 P.C.	21.65'	23.59'	21.64'	19.69'	2°28'51"
4+00.00	25.00'	27.24'	24.99'	22.74'	5°20'44"
4+25.00	25.00'	27.24'	24.99'	22.74'	8°12'37"
4+50.00	25.00'	27.24'	24.99'	22.74'	11°4'31"
4+75.00	25.00'	27.24'	24.99'	22.74'	13°56'24"
5+00.00	25.00'	27.24'	24.99'	22.74'	15°16'59"
5+11.72 P.T.	11.72'	12.77'	11.72'	10.66'	16°59'59"

DEFLECTION/FOOT = 0.114591559 DEGREES 6.875493542 MINUTES

No.	Street and Station	From C.	Description	Elevation
3	Mustang Cir., 3+65.36	14.50' (E)	Top of Curb (E), at Curb Return	1329.26

NOTE:  
All top of curb grades are to top of combined curb and gutter. 0.25' must be subtracted from top of curb elevations to top of roll curb.

REVISIONS

No.	Date	By	Approved

EQUESTRIAN ESTATES ADDITION - PHASE 2  
STREET IMPROVEMENTS  
MUSTANG STREET / CIRCLE  
CITY OF WICHITA, KANSAS  
JAMES L. ARMOUR, P.E. - CITY ENGINEER  
C.O.W. Project # 472-83430 O.C.A. # 765669

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

**FINAL**

Designed By: JMU/JPD  
Drawn By: JPD  
Poe Job No.: 169-J  
Date: January 2006

Sheet  
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