Δ =52°24'9" L=164.63' R=180.00' T=88.58'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
0+74.82 P.C.						
0+75.00	00.18'	00.20'	00.18'	00.16'	0°1'43"	0°1'43"
1+00.00	25.00'	28.10'	24.98'	21.86'	3°58'44"	4°0'27"
1+25.00	25.00'	28.10'	24.98'	21.86'	3°58'44"	7°59'11"
1+50.00	25.00'	28.10'	24.98'	21.86'	3°58'44"	11°57'55"
1+75.00	25.00'	28.10'	24.98'	21.86'	3°58'44"	15°56'39"
2+00.00	25.00'	28.10'	24.98'	21.86'	3°58'44"	19°55'23"
2+25.00	25.00'	28.10'	24.98'	21.86'	3°58'44"	23°54'7"
2+30.68	5.68'	6.39'	5.68'	4.97'	0°54'14"	24°48'22"
2+33.27	2.91'	3.27'	2.59'	2.27'	0°24'44"	25°13'5"
2+39.45 P.T.	6.18'	6.95'	6.18'	5.40'	0°58'59"	26°12'5"

DEFLECTION/FOOT =0.159154943 DEGREES 9.549296586 MINUTES

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

BLOCK 2

Prop. 8" San. Sewer

Prop. 12" SWS

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

+0.5% Wk. Grade

+0.60% CL Grade

+0.70% CB Grade

+0.3% Wk. Grade

R=209.00'

R=194.00' Fc.

Δ=52°24'9"
R=180.00'
L=164.63'
T=88.58'

Δ=50°1'2"
R=20.00' Fc.
L=17.46'
T=9.33'

Δ=283°34'12"
R=35.00' Fc.
L=173.22'
T=27.56'

Δ=54°22'36"
R=20.00' Fc.
L=18.98'
T=10.27'

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

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

R=166.00' Fc

R=151.00'

Comb. Cb. & Gtr. (3 5/8" and 1 1/2")

Prop. 6" WL

Prop. 8" WL

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

MUSTANG CIR.

MUSTANG CT.

MUSTANG ST.

Sta. 2+30.68 14.50' Rt.
Install Subdivision Benchmark
(See Note 10 on Sheet 1)

Street Name Sign Mustang Cir.

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

Street Name Sign Mustang Ct.

Reserve C

P.C. 0+74.82

P.T. 2+39.45

2+75.44

No.	Street and Station	From CL	Description	Elevation
5	Mustang Ct., 2+30.68	14.50' (W)	Top of Curb (W), at Curb Return	1330.78

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.

No.	Date	By	Approved	Revision

EQUESTRIAN ESTATES ADDITION – PHASE 2
STREET IMPROVEMENTS
MUSTANG COURT
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. – CITY ENGINEER
C.O.W. Project # 472–83430 O.C.A. # 765969

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
3940 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.: 1694-J
Date: January 2006

Sheet 8 of 78