



$\Delta = 99^{\circ}32'49''$  L=86.87' R=50.00' T=59.11'

**CURVE TABLE BASED ON CL RADIUS**

STATION	CL ARC	CHORD LENGTH		TOTAL DEFLECTION	
		8' LT.	CL	8' RT.	DEFLECTION
1+13.13 P.C.					
1+25.00	11.87'	8.41'	11.84'	15.28'	6'48'4"
1+50.00	25.00'	17.57'	24.74'	31.92'	21'7'30"
1+75.00	25.00'	17.57'	24.74'	31.92'	14'19'26"
2+00.00	25.00'	17.57'	24.74'	31.92'	14'19'26"
2+00.00 P.C.	0.00'	0.00'	0.00'	0.00'	49'46'25"
DEFLECTION/FOOT = .572957795 DEGREES		34.377467708 MINUTES			

$\Delta = 28^{\circ}32'13''$  L=39.85' R=80.00' T=20.34'

**CURVE TABLE BASED ON CL RADIUS**

STATION	CL ARC	CHORD LENGTH		TOTAL DEFLECTION	
		8' LT.	CL	8' RT.	DEFLECTION
2+31.86 P.C.					
2+50.00	18.14'	21.38'	18.10'	14.82'	6'29'45"
2+71.71 P.T.	21.71'	25.56'	21.64'	17.72'	7'46'21"
DEFLECTION/FOOT = .358098622 DEGREES		21.485917317 MINUTES			

$\Delta = 93^{\circ}13'28''$  L=97.62' R=60.00' T=63.48'

**CURVE TABLE BASED ON CL RADIUS**

STATION	CL ARC	CHORD LENGTH		TOTAL DEFLECTION	
		8' LT.	CL	8' RT.	DEFLECTION
2+92.25 P.C.					
3+00.00	7.75'	5.87'	7.74'	9.62'	3'42'1"
3+25.00	25.00'	18.82'	24.82'	30.82'	11'56'12"
3+50.00	25.00'	18.82'	24.82'	30.82'	11'56'12"
3+75.00	25.00'	18.82'	24.82'	30.82'	11'56'12"
3+89.87 P.T.	14.87'	11.25'	14.84'	18.42'	7'6'7"
DEFLECTION/FOOT = .477464829 DEGREES		28.647889757 MINUTES			

No.	Street and Station	From CL	Description	Elevation
3	Hayden, 2+92.25	14.50' (SW)	Top of Curb (SW), at P.C. Just NE. of Hydrant	1413.68

- NOTES:**
1. Add 1400' to all Street elevations.
  2. Elevations shown at Top of Curb are Full Curb elevations. Subtract 0.25' for Roll Curb elevations.
  3. Construct Parking Areas with Full-Height, Monolithic Curbs and Slope Gutter away from Curb. Transition from Roll to Full Curb along 5' Radius Returns.

**POE & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS  
 5900 E. Central, Suite 200 • Wichita, KS 67208-4242  
 Phone 316.665-4114 • FAX 316.665-4444

**FINAL**

Designed By: J. Dickman  
 Drawn By: M. Tucker  
 P.O. Job No.: 1916A  
 Date: January 2009

Project: HIGH POINT WEST ADDITION  
 Street and Storm Sewer Improvements  
 Hayden Street Plans  
 City of Wichita, Kansas  
 James L. Armour, P.E. - City Engineer  
 C.O.N. Proj. No. 472-84705 OCA No. 766219

Revision: Revised Parking Area, Valley Gtrs., Curb Elev., & Street Signs  
 Approved: JPD  
 By: MLT  
 Date: 2/4/2009  
 No. 2  
 Revision: Added 4" PVC Conduit Pipe at Entrance/Reserve A  
 Approved: JPD  
 By: MLT  
 Date: 2/4/2009  
 No. 1

4 of 41