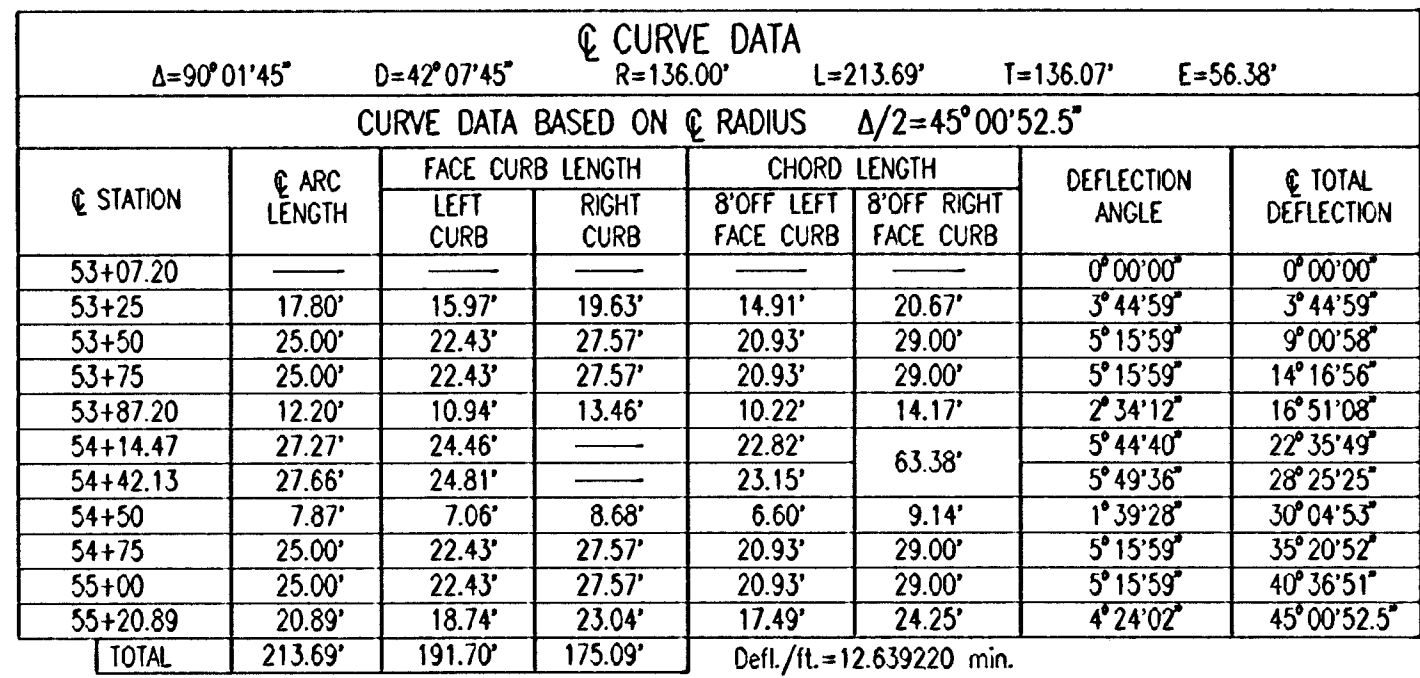


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
SUMMERFIELD	53+92.93	23.0' R/L	179.4
CHAPEL HILL	54+42.13	21.0' R/L	179.0



$\Delta = 42^{\circ} 33' 29''$ $D = 86^{\circ} 48' 42''$ $R = 66.00'$ $L = 49.03'$ $T = 25.70'$ $E = 4.83'$ CURVE DATA							
$\text{CURVE DATA BASED ON } \text{RADIUS}$ $\Delta/2 = 21^{\circ} 16' 44.5''$							
STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
57+65.31	—					0°00'00"	0°00'00"
57+75	9.69'	7.63'	11.74'	6.45'	12.91'	4°12'20"	4°12'20"
58+00	25.00'	19.70'	30.30'	16.56'	33.13'	10°51'00"	15°03'20"
58+14.34	14.34'	11.29'	17.38'	9.51'	19.08'	6°13'25"	21°16'44.5"
TOTAL	49.03'	38.62'	59.42'	$\text{Defn. (ft.)} = 26.040010 \text{ min.}$			

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|--|----------|------------|---------------|
| CHAPEL HILL ADDITION

<h1 style="margin: 0;">SUMMERFIELD/CHAPEL HILL</h1> <p style="margin: 0; font-size: 1.2em;">STA. 53+07.20 TO STA. 58+56.04</p> | | | |
|  <div style="display: inline-block; vertical-align: middle;"> <u>Professional Engineering Consultants, P.A.</u>
 303 S. TOPEKA • WICHITA, KANSAS 67202
 316-262-2691 • FAX 316-262-3003 </div> | | | |
| Designed by | BER, GDD | Checked by | |
| Drawn by | DEP, SAD | Date | JANUARY, 2001 |
| | | Job No. | 99127 |