



Q CURVE DATA
 $\Delta=89^{\circ}35'52''$ $D=86^{\circ}48'42''$ $R=66.00'$ $L=103.21'$ $T=65.54'$ $E=27.01'$
 CURVE DATA BASED ON Q RADIUS $\Delta/2=44^{\circ}47'56''$

| Q STATION | Q ARC LENGTH | FACE CURB LENGTH | | CHORD LENGTH | | DEFLECTION ANGLE | Q TOTAL DEFLECTION |
|-----------|--------------|------------------|------------|---------------------|------------|------------------|--------------------|
| | | LEFT CURB | RIGHT CURB | BOFF LEFT FACE CURB | BOFF RIGHT | | |
| 26+53.67 | | | | | | 00°00'00" | 00°00'00" |
| 27+00 | 46.33' | 56.16' | 36.50' | 60.51' | 30.26' | 20°06'36" | 20°06'36" |
| 27+50 | 50.00' | 60.61' | 39.39' | 65.08' | 32.54' | 21°42'11" | 41°48'47" |
| 27+56.88 | 6.88' | 8.34' | 5.42' | 9.17' | 4.58' | 2°59'10" | 44°47'56" |
| TOTAL | | | | | | | |

Defl./ft.=26.043342 min.

NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL-TYPE CURB. TOP OF CURB ELEVATIONS GIVEN ARE FOR FULL HEIGHT CURB.

Q CURVE DATA
 $\Delta=90^{\circ}32'15''$ $D=86^{\circ}48'42''$ $R=66.00'$ $L=104.29'$ $T=66.62'$ $E=27.78'$
 CURVE DATA BASED ON Q RADIUS $\Delta/2=45^{\circ}16'07.5''$

| Q STATION | Q ARC LENGTH | FACE CURB LENGTH | | CHORD LENGTH | | DEFLECTION ANGLE | Q TOTAL DEFLECTION |
|-----------|--------------|------------------|------------|---------------------|------------|------------------|--------------------|
| | | LEFT CURB | RIGHT CURB | BOFF LEFT FACE CURB | BOFF RIGHT | | |
| 28+27.33 | | | | | | 00°00'00" | 00°00'00" |
| 28+50 | 22.67' | 27.48' | 17.86' | 30.08' | 15.04' | 9°50'24" | 9°50'24" |
| 29+00 | 50.00' | 60.61' | 39.39' | 65.08' | 32.54' | 21°42'12" | 31°32'35" |
| 29+31.62 | 31.62' | 38.33' | 24.91' | 41.76' | 20.88' | 15°43'31.5" | 45°16'07.5" |
| TOTAL | 104.29' | 126.41' | 82.17' | | | | |

Defl./ft.=26.043964 min.

DSNR: BER OPER: BJS SCALE: 1"=20'
 i:/2001/01158/STR26-30.DGN Plot Date: 10-23-2001

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| No. | Revisions | By | Date |
| REMINGTON PLACE-PHASE I CITY OF WICHITA, KANSAS FREDERIC STA. 26+00 TO STA. 30+00 | | | |
| Professional Engineering Consultants, P.A. <small>303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003</small> | | | |
| Designed by | BER | Checked by | |
| Drawn by | BJS | Date | JUNE 2001 |
| | | Job No. | 0158 |