℄ CURVE DATA							
Δ=22°16'48" D= 14° 0' 31.5" R= 409.00' L= 159.04' T= 80.54' E= 7.85'							
CURVE DATA BASED ON ℄ radius Δ/2= 11° 8' 24"							
℄ 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		
60+13.44						0°00'00.0"	0°00'00.0"
60+25.00	11.56'	11.16'	11.96'	11.31'	12.60'	00°48'35"	00°48'35"
60+50.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"	02°33'39"
60+75.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"	04°18'43"
61+00.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"	06°03'47"
61+25.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"	07°48'51"
61+50.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"	09°33'55"
61+72.48	22.48'	21.71'	23.25'	22.00'	24.50'	01°34'29"	11°08'24.0"
TOTAL	159.04'	153.6'	164.49'	Defl./ft.= 4.202624 min.			

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
LAKE RIDGE	59+25.54	20.0' Lt.	145.3
LAKE RIDGE	62+13.71	23.0' Lt.	153.2
LAKE RIDGE	62+16.71	20.0' Lt.	153.2

SCALE: 1"=20'

℄ CURVE DATA							
Δ=14°14'36" D= 38° 27' 12.8" R= 149.00' L= 37.04' T= 18.62' E= 1.16'							
CURVE DATA BASED ON ℄ radius Δ/2= 7° 7' 18"							
℄ 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+88.97						0°00'00.0"	0°00'00.0"
58+00.00	11.03'	12.07'	9.99'	11.47'	8.52'	02°07'14.6"	02°07'14.6"
58+25.00	25.00'	27.35'	22.65'	25.97'	19.29'	04°48'24.1"	06°55'38.7"
58+26.01	1.01'	1.11'	0.92'	1.05'	0.78'	00°11'39.3"	07°07'18.0"
TOTAL	37.04'	40.52'	33.56'	Defl./ft.= 11.536063 min.			

(*) 5' TRANSITION FROM COMBINED CURB AND GUTTER (6 5/8" ROLL & 1 1/2") TO COMBINED CURB AND GUTTER (3 5/8" & 1 1/2"). TO BE BID AND PAID FOR AS "COMBINED CURB AND GUTTER (3 5/8" & 1 1/2")".

* MATCH EXISTING

ϕ CONSTRUCT STD. WHEELCHAIR RAMP

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

No.	Revision	By	Date

FOREST LAKES WEST-PHASE 4
CITY OF WICHITA, KANSAS

LAKE RIDGE

STA. 57+88.97 TO STA. 63+91
CITY OF WICHITA PROJ. NO. 472-82873

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BER	Job No.	35-01372-007	Sht. 4 of 14
Drawn by	BJS	Date	JAN 2003	

DSNR: BER OPER: BJS SCALE: 1=20.00
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