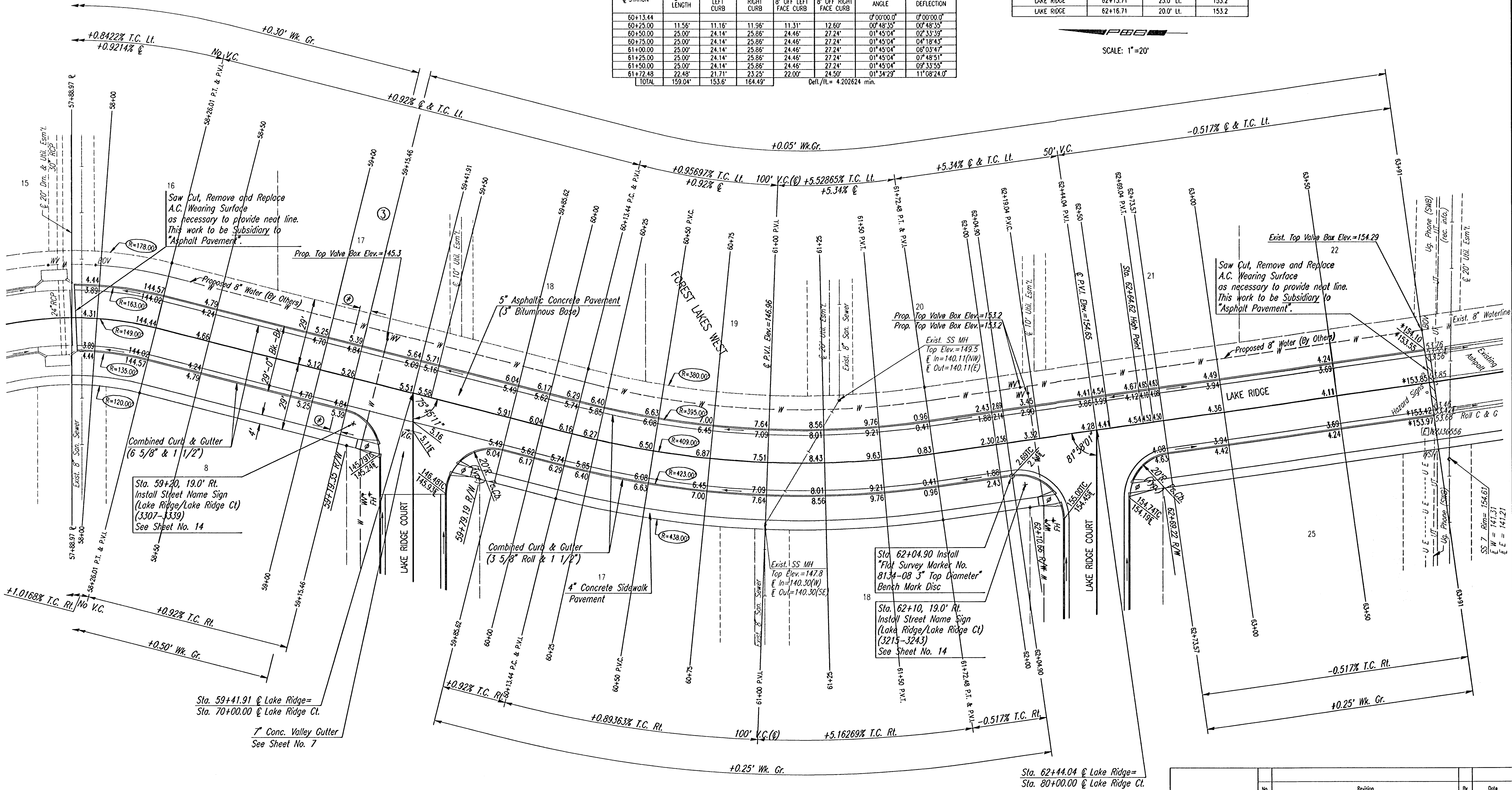


C CURVE DATA						
Δ=22°16'48" D=14° 0' 31.5" R=409.00' L=159.04' T=80.54' E=7.85'						
CURVE DATA BASED ON Δ radius Δ/2= 11° 8' 24"						
STATION	ARC LENGTH	FACE CURB LENGTH	CHORD LENGTH	DEFLECTION ANGLE	TOTAL DEFLECTION	
		LEFT CURB	RIGHT CURB		8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB
60+13.44				0°00'00.0"	0°00'00.0"	0°00'00.0"
60+25.00	11.56'	11.16'	11.96'	11.31'	12.60'	00°48'35"
60+50.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"
60+75.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"
61+00.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"
61+25.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"
61+50.00	25.00'	24.14'	25.86'	24.46'	27.24'	01°45'04"
61+72.48	22.48'	21.71'	23.25'	22.00'	24.50'	01°34'29"
TOTAL	159.04'	153.6'	164.49'			11°08'24.0"

Defl./Lt.= 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'

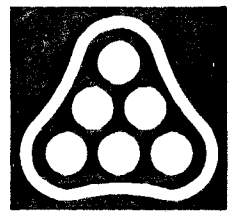


C CURVE DATA						
Δ=14°14'36" D=38° 27' 12.8" R=149.00' L=37.04' T=18.62' E=1.16'						
CURVE DATA BASED ON Δ radius Δ/2= 7° 7' 18"						
STATION	ARC LENGTH	FACE CURB LENGTH	CHORD LENGTH	DEFLECTION ANGLE	TOTAL DEFLECTION	
		LEFT CURB	RIGHT CURB		8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB
57+88.97				0°00'00.0"	0°00'00.0"	0°00'00.0"
58+00.00	11.03'	12.07'	9.99'	11.47'	8.52'	02°07'14.6"
58+25.00	25.00'	27.35'	22.65'	25.97'	19.29'	04°48'24.1"
58+26.01	1.01'	1.11'	0.92'	1.05'	0.78'	00°11'39.3"
TOTAL	37.04'	40.52'	33.56'			07°07'18.0"

Defl./Lt.= 11.536063 min.

⑤ 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
Drawn by	BJS	Date	JAN 2003
		Sht. 4 of 14	