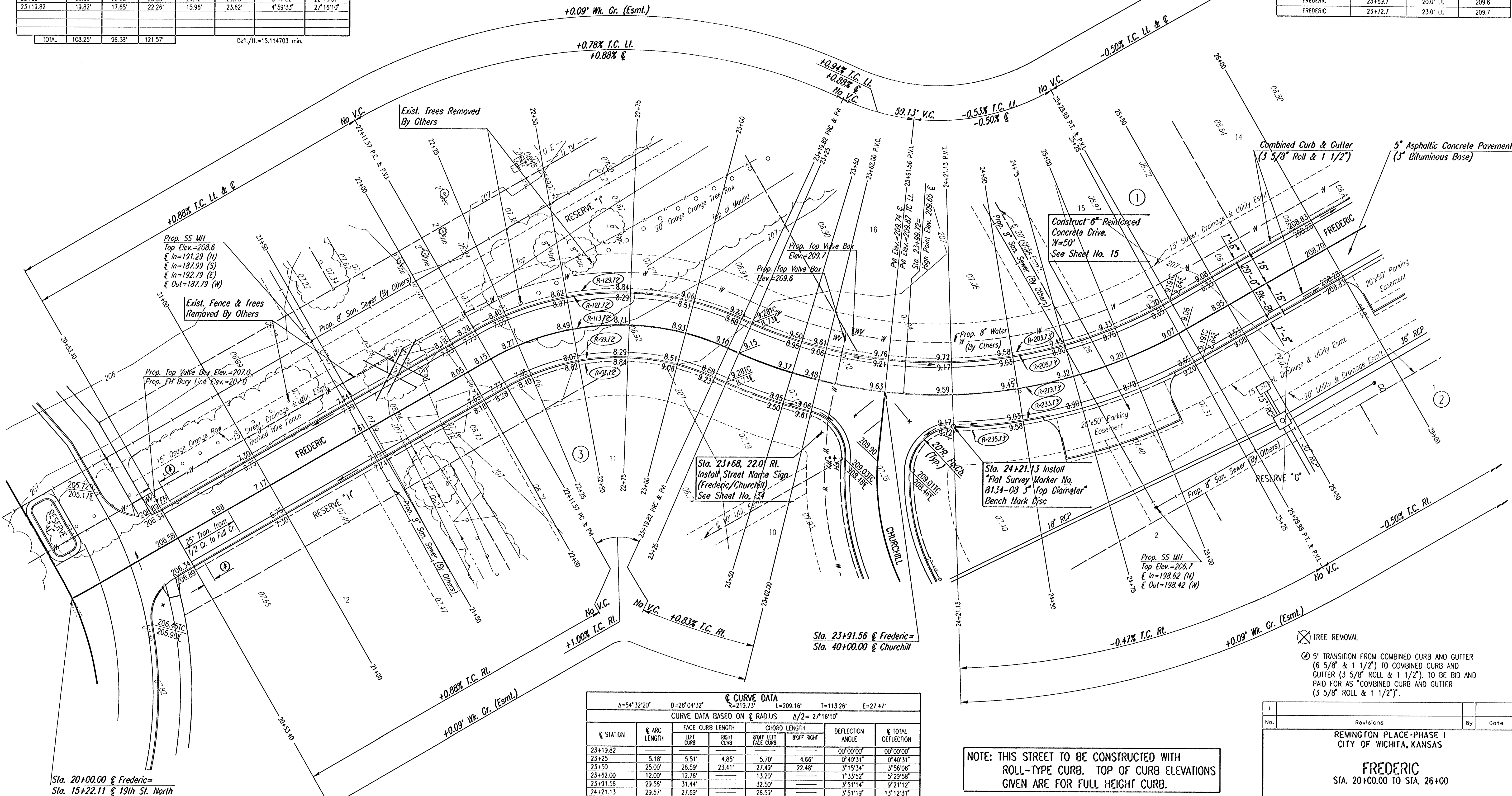


C CURVE DATA					
A=54°32'20"		D=50'23'00"		R=113.72'	
L=108.25'		T=58.62'		E=14.22'	
CURVE DATA BASED ON C RADIUS					
C STATION		C ARC LENGTH		C TOTAL DEFLECTION	
		FACE CURB LENGTH		CHORD LENGTH	
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT
22+11.57				00°00'00"	
22+25		11.96'		10.83'	
22+50		25.00'		20.12'	
22+75		22.26'		20.12'	
23+00		22.26'		20.12'	
23+19.82		19.82'		22.26'	
TOTAL		108.25'		96.38'	

Defl./ft.=15.114703 min.

PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-76-245-83375-000-000-001	9	58

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
FREDERIC	20+53.40	21.0' LL	207.0
FREDERIC	23+69.7	20.0' LL	209.6
FREDERIC	23+72.7	23.0' LL	209.7



C CURVE DATA						
$\Delta=54^{\circ}32'20''$		$D=26^{\circ}04'32''$		$R=219.73'$	$L=209.16'$	$T=113.26'$
$E=27.47'$						
CURVE DATA BASED ON C RADIUS $\Delta/2=27^{\circ}16'10''$						
C STATION	C ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT	C TOTAL DEFLECTION
23+19.82						00°00'00"
23+25	5.18'	5.51'	4.85'	5.70'	4.66'	0°40'31"
23+50	25.00'	26.59'	23.41'	27.49'	22.48'	3°15'34"
23+62.00	12.00'	12.76'		13.20'		1°33'52"
23+91.56	29.56'	31.44'		32.50'		5°51'14"
24+21.13	29.57'	27.69'		28.59'		5°51'19"
24+50	28.87'	30.71'	27.03'	31.74'	25.96'	3°45'50"
24+75	25.00'	26.59'	23.41'	27.49'	22.48'	20°13'55"
25+00	25.00'	26.59'	23.41'	27.49'	22.48'	3°15'34"
25+25	25.00'	26.59'	23.41'	27.49'	22.48'	3°15'34"
25+28.98	3.98'	4.23'	3.72'	4.38'	3.58'	0°31'07"
TOTAL	209.16'	222.48'	195.83'			Def./ft.=7.679129 min.

Sta. 23+91.56 & Frederic = Sta. 40+00.00 & Churchill

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

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

1

No.

Revisions

By

Date

REMINGTON PLACE-PHASE I

CITY OF WICHITA, KANSAS

FREDERIC

STA. 20+00.00 TO STA. 26+00

Professional Engineering Consultants, P.A.

303 S. TOPEKA • WICHITA, KANSAS 67202

316-262-2991 • FAX 316-262-3003

Designed by

BER

Checked by

Drawn by

BJS

Date

JUNE 2001

Job No.

01158

DSNR: BER OPER: BJS SCALE: 1"=20' PLOT DATE: 10-23-2001