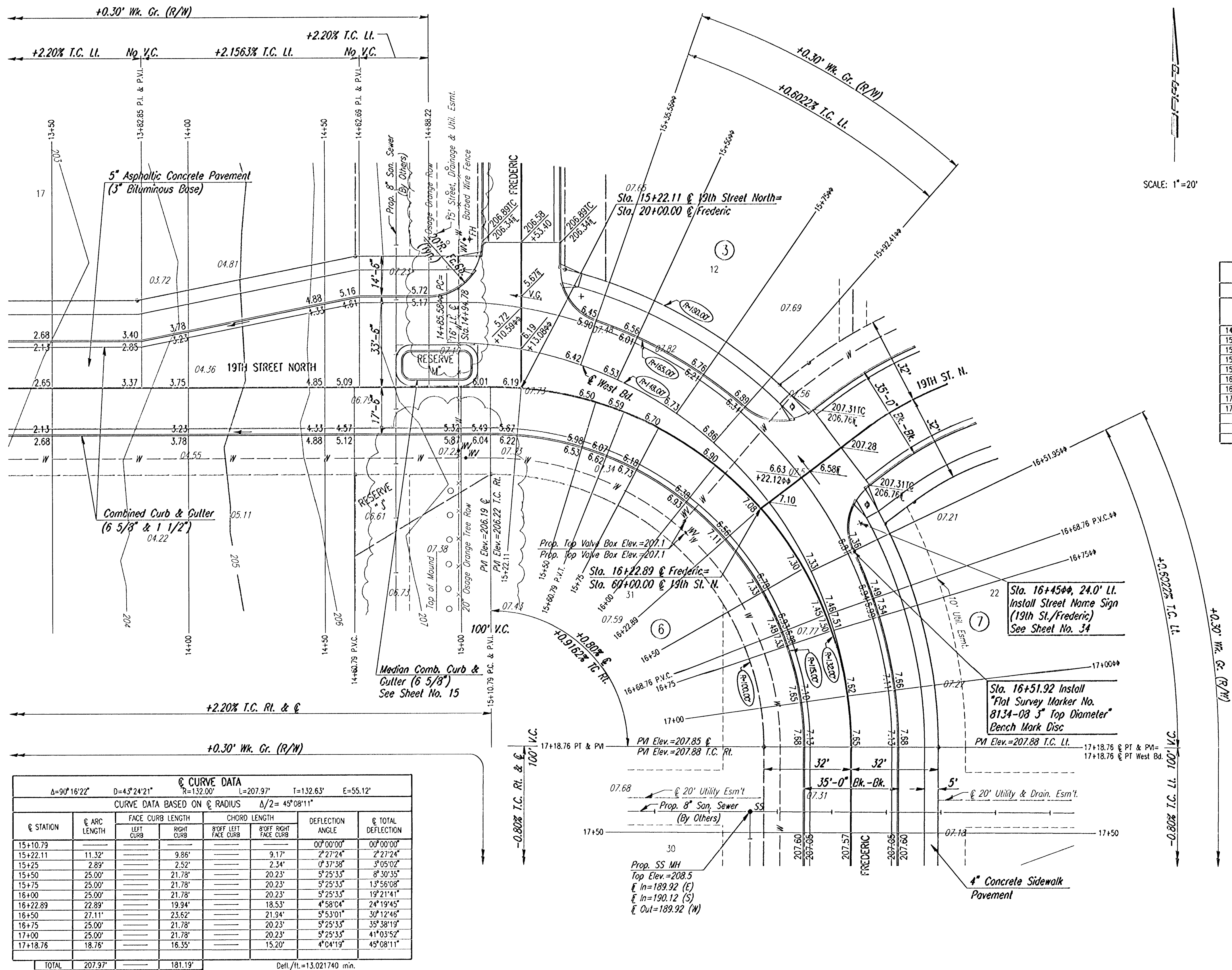


DSNR: BER OPER: BUS SCALE: 1"=20'
i: 2001/01158/STR14-18.DGN Plot Date: 10-23-2001



WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
19TH STREET NORTH	16+04.62	23.0' RL	207.1
19TH STREET NORTH	16+08	26.0' RL	207.1

PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-76-245-83375-000-000-001	7	58

CURVE DATA					
$\Delta=90^{\circ}16'22''$		$D=38^{\circ}42'48''$	$L=233.18'$	$T=148.71'$	$E=61.80'$
CURVE DATA BASED ON $\Delta/2=45^{\circ}08'11''$					
STATION	ARC LENGTH	FACE CURB LENGTH	CHORD LENGTH	DEFLECTION ANGLE	TOTAL DEFLECTION
14+85.58				$00^{\circ}00'00''$	$00^{\circ}00'00''$
15+35.56	49.98'			$9^{\circ}40'28''$	$9^{\circ}40'28''$
15+50.00	14.44'	16.10'	16.87'	$2^{\circ}47'42''$	$12^{\circ}28'10''$
15+75.00	25.00'	27.87'	29.19'	$4^{\circ}50'21''$	$17^{\circ}18'31''$
15+92.41	17.41'	19.41'	20.34'	$3^{\circ}22'12''$	$20^{\circ}40'43''$
16+51.95	59.54'			$11^{\circ}31'30''$	$32^{\circ}12'15''$
16+75.00	23.05'	25.70'	26.92'	$4^{\circ}27'42''$	$36^{\circ}39'55''$
17+00.00	25.00'	27.87'	29.19'	$4^{\circ}50'21''$	$41^{\circ}30'16''$
17+18.76	18.76'	20.92'	21.92'	$3^{\circ}37'54''$	$45^{\circ}08'10''$
TOTAL	233.18'	259.97'			

Defl./ft.=11.614020 min.

- ◆ CONSTRUCT STD. WHEELCHAIR RAMP
- ◆ WEST BOUND & STATION

No.	Revisions	By	Date
REMINGTON PLACE-PHASE I CITY OF WICHITA, KANSAS			
19TH STREET NORTH/FREDERIC STA. 13+50 TO STA. 17+50			
Professional Engineering Consultants, P.A. 300 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BER	Checked by	
Drawn by	BJS	Date	JUNE 2001
		Job No.	01158