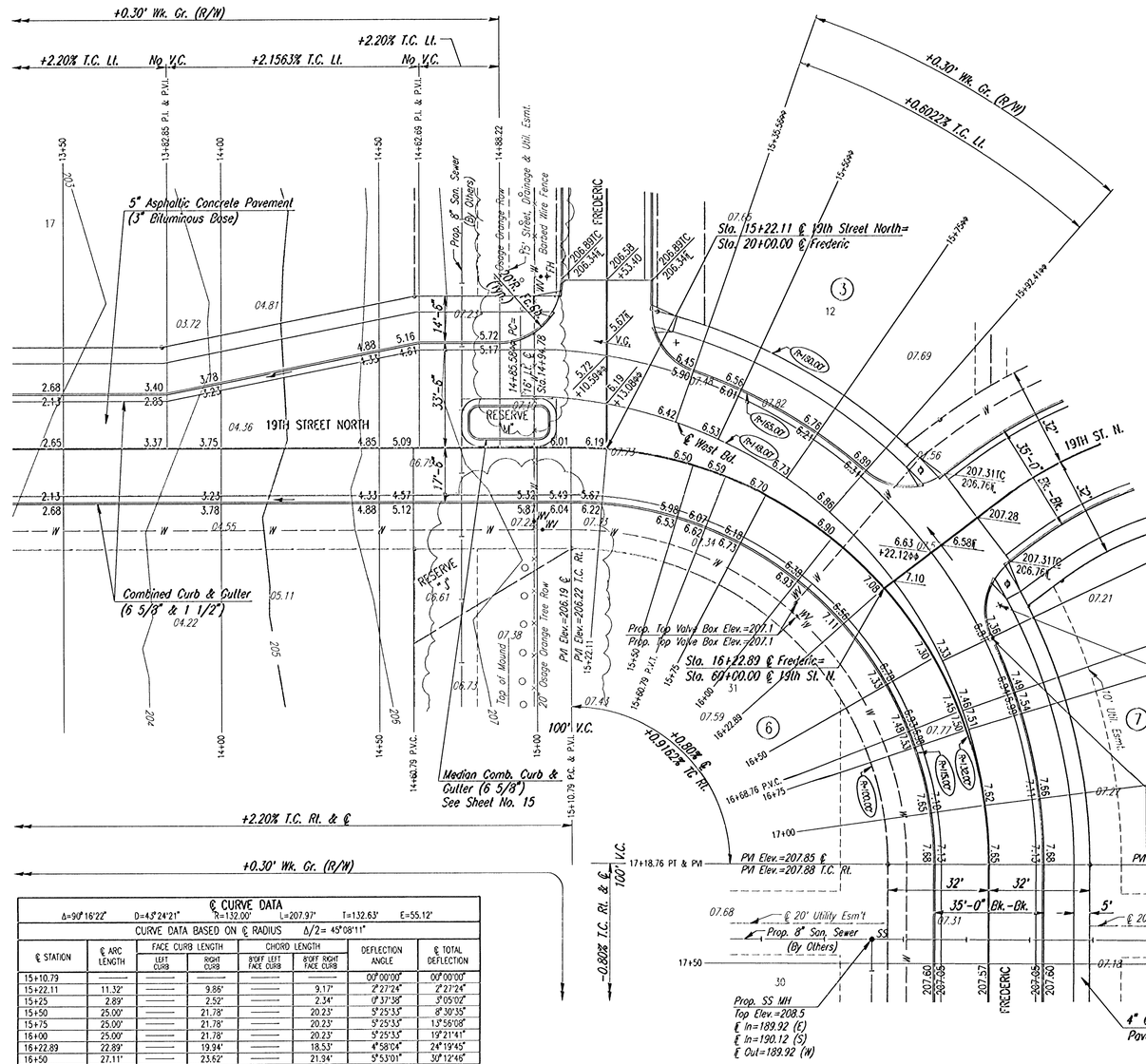
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
19TH STREET NORTH	16+04.62	23.0' Rt.	207.1
19TH STREET NORTH	16+08	26.0' Rt.	207.1

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



℄ CURVE DATA							
Δ=90°16'22"	D=4°24'21"	R=132.00'	L=207.97'	T=132.63'	E=55.12'		
CURVE DATA BASED ON ℄ RADIUS				Δ/2= 45°08'11"			
℄ 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		
15+10.79		———	———	———		00°00'00"	00°00'00"
15+22.11	11.32'	———	9.86'	———	9.17'	2°27'24"	2°27'24"
15+25	2.89'	———	2.52'	———	2.34'	0°37'38"	3°05'02"
15+50	25.00'	———	21.78'	———	20.23'	5°25'33"	8°30'35"
15+75	25.00'	———	21.78'	———	20.23'	5°25'33"	13°56'08"
16+00	25.00'	———	21.78'	———	20.23'	5°25'33"	19°21'41"
16+22.89	22.89'	———	19.94'	———	18.53'	4°58'04"	24°19'45"
16+50	27.11'	———	23.62'	———	21.94'	5°53'01"	30°12'46"
16+75	25.00'	———	21.78'	———	20.23'	5°25'33"	35°38'19"
17+00	25.00'	———	21.78'	———	20.23'	5°25'33"	41°03'52"
17+18.76	18.76'	———	16.35'	———	15.20'	4°04'19"	45°08'11"
TOTAL	207.97'	———	181.19'			Defl./ft.=13.021740 min.	

CURVE DATA							
Δ=90°16'22"	D=38°42'48"	R=148.00'	L=233.18'	T=148.71'	E=61.80'		
CURVE DATA BASED ON ℄ RADIUS				Δ/2= 45°08'11"			
℄ 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		
14+85.58◆◆	———	———	———	———	———	00°00'00"	00°00'00"
15+35.56◆◆	49.98'	———	———	———	———	9°40'28"	9°40'28"
15+50◆◆	14.44'	16.10'	———	16.87'	———	2°47'42"	12°28'10"
15+75◆◆	25.00'	27.87'	———	29.19'	———	4°50'21"	17°18'31"
15+92.41◆◆	17.41'	19.41'	———	20.34'	———	3°22'12"	20°40'43"
16+51.95◆◆	59.54'	———	———	———	———	11°31'30"	32°12'13"
16+75◆◆	23.05'	25.70'	———	26.92'	———	4°27'42"	36°39'55"
17+00◆◆	25.00'	27.87'	———	29.19'	———	4°50'21"	41°30'16"
17+18.76	18.76'	20.92'	———	21.92'	———	3°37'54"	45°08'10"
TOTAL	233.18'	259.97'	———			Defl./ft.=11.614020 min.	

◆ CONSTRUCT STD. WHEELCHAIR RAMP

◆◆ WEST BOUND ℄ STATION

No.	Revisions	By	Date
1			

REMINGTON PLACE-PHASE I
CITY OF WICHITA, KANSAS

19TH STREET NORTH/FREDERIC
STA. 13+50 TO STA. 17+50

Professional Engineering Consultants, P.A.
303 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. 0115B

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