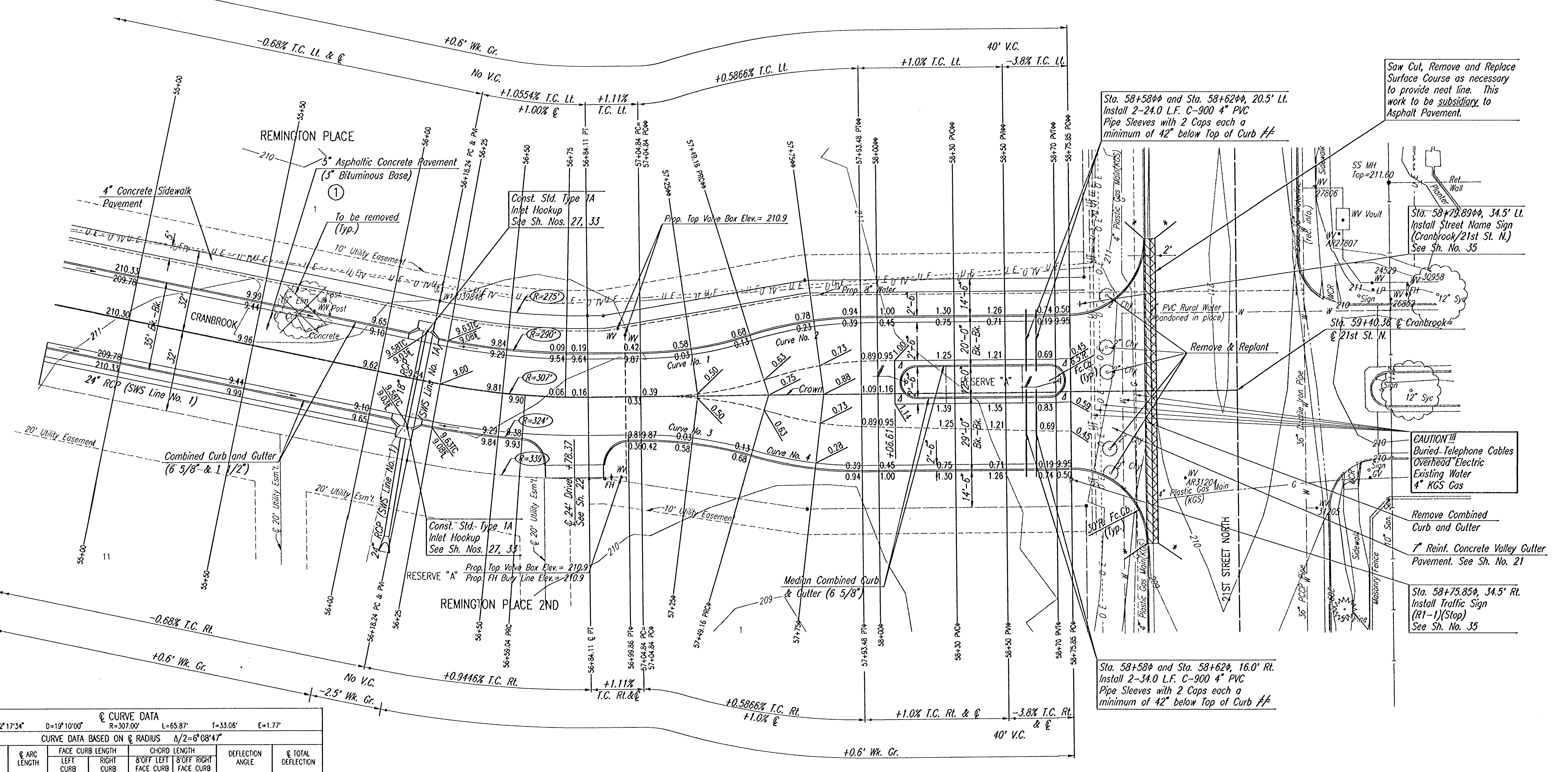
PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83376	10R	50

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
CRANBROOK	56+95.90	26.8'LT.	210.9
CRANBROOK	56+96.86	31.5'RT.	210.9
CRANBROOK	56+98.86	24.3'RT.	210.9

SCALE: 1"=20'



℄ CURVE DATA							
Δ=12°17'34" D=19°10'00" R=307.00' L=65.87' T=33.06' E=1.77'							
CURVE DATA BASED ON ℄ RADIUS Δ/2=6°08'47"							
℄ 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		
56+18.24	—	—	—	—	—	0°00'00"	0°00'00"
56+25	6.76'	6.39'	7.13'	6.21'	7.31'	0°37'51"	0°37'51"
56+50	25.00'	23.62'	26.38'	22.96'	27.03'	2°19'58"	2°57'49"
56+70	20.00'	18.89'	21.11'	18.37'	21.62'	1°51'59"	4°49'48"
56+75	5.00'	4.72'	5.28'	4.59'	5.41'	0°28'00"	5°17'48"
56+84.11	9.11'	8.60'	9.61'	8.36'	9.85'	0°50'59"	6°08'47"
TOTAL	65.87'	62.22'	69.51				

Defl./ft.=5.598654 min.

CURVE NOS. 1 AND 3 STAKING DATA						
CURVE DATA BASED ON RADIUS TO 8' BEHIND FACE OF CURB						
Δ=16°55'47" D=38°11'50" R=150.00' L=44.32' T=21.84' E=1.65'						
FACE CURB STATION	ARC LENGTH ALONG FACE CURB	ARC LENGTH ALONG 8' OFFSET	CHD LENGTH 8' OFF FC. OF CB.	Δ/2=8°27'53.5"		REMARKS
				DEFLECTION ANGLE	TOTAL DEFLECTION	
57+04.84	—	—	—	0°00'00"	0°00'00"	P.C.
57+25	25.84'	27.22'	31.72'	4°52'06.2"	4°52'06.2"	
57+49.16	18.48'	19.47'	22.70'	3°31'47.2"	8°27'53.5"	P.R.C.
TOTAL	44.32'	46.69'	54.42'	—	—	

Defl./ft.=11.459650 min.

CURVE NOS. 2 AND 4 STAKING DATA						
CURVE DATA BASED ON RADIUS TO 8' BEHIND FACE OF CURB						
Δ=16°55'47" D=38°11'50" R=150.00' L=44.32' T=21.84' E=1.65						
FACE CURB STATION	ARC LENGTH ALONG FACE CURB	ARC LENGTH ALONG 8' OFFSET	CHD LENGTH 8' OFF FC. OF CB.	Δ/2=8°27'53.5"		REMARKS
				DEFLECTION ANGLE	TOTAL DEFLECTION	
57+49.16	—	—	—	0°00'00"	0°00'00"	P.R.C.
57+75	20.16	19.08	15.89	3°51'01"	3°51'01"	
57+93.48	24.16	22.87	19.04	4°36'52.5"	8°27'53.5"	P.T.
TOTAL	44.32	41.95	34.93			

Defl./ft.=11.459650 min.

Curve Data
Curve Nos. 1 thru 4
(Face of Curb)
Δ=16°55'47"
D=38°11'50"
R=150.00'
L=44.32'
T=21.84'
E=1.65'

\# SEE SH. NO. 35 FOR SIGNING NOTES AND DETAILS

* MATCH EXISTING

Δ WIDENED GUTTER SECTION WILL NOT BE PAID FOR DIRECTLY, THIS COST SHALL BE CONSIDERED SUBSIDIARY TO "MEDIAN COMBINED CURB AND GUTTER (6 5/8")".

ΦΦ LEFT FACE OF CURB STATION

Φ RIGHT FACE OF CURB STATION

≠ EACH END OF 4" PVC PIPE SLEEVE SHALL BE MARKED WITH STEEL "T" POSTS OR 2"Φ STEEL PIPE A MAXIMUM OF 12" ABOVE GRADE. PIPE, CAPS, PIPE INSTALLATION AND MARKERS SHALL BE SUBSIDIARY TO "COMBINED CURB AND GUTTER (6 5/8" & 1 1/2")".

RECORD DRAWING

24 NOV 03

REMINGTON PLACE - PHASE 2

CHANGE ORDER NO. 1

CRANBROOK

STA. 55+00.00 TO STA. 59+40.36

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	DEP	Date DEC., 2002	Job No. 02398

DSNR: SAW OPER: TLS SCALE: 1=20.00
Q:\2002\02398\000\CHANGE ORDER\CRANBROOKS4 11-20-2003 04:35:20 pm