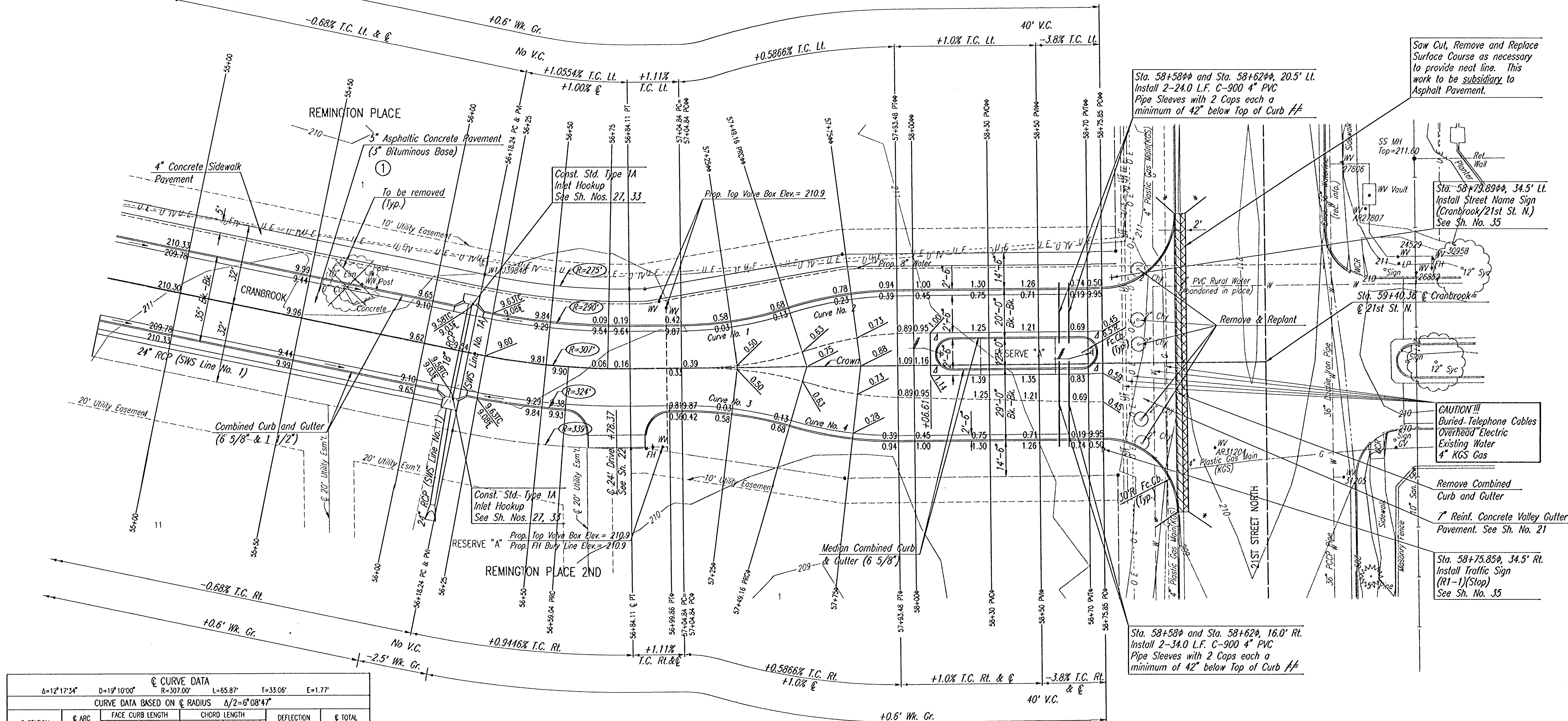


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
CRANBROOK	56+95.90	26.8'LT.	210.9
CRANBROOK	56+96.86	31.5'RT.	210.9
CRANBROOK	56+98.86	24.3'RT.	210.9

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

SCALE: 1"=20'



Q CURVE DATA								
$\Delta=12^{\circ}17'34"$		$D=19^{\circ}10'00"$		$R=307.00'$		$L=65.87'$	$T=33.06'$	$E=1.77'$
CURVE DATA BASED ON RADIUS $\Delta/2=6^{\circ}08'47"$								
Q STATION	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q 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./Lt.=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'		E=1.65'
FACE CURB STATION	ARC LENGTH ALONG FACE CURB	ARC LENGTH ALONG 8' OFFSET	CHD LENGTH FC. OF CB.	DEFLECTION ANGLE	TOTAL DEFLECTION	REMARKS
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./Lt.=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'		E=1.65'
FACE CURB STATION	ARC LENGTH ALONG FACE CURB	ARC LENGTH ALONG 8' OFFSET	CHD LENGTH FC. OF CB.	DEFLECTION ANGLE	TOTAL DEFLECTION	REMARKS
57+49.16				0°00'00"	0°00'00"	P.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./Lt.=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)".

♦♦ LEFT FACE OF CURB STATION

♦ RIGHT FACE OF CURB STATION

EACH END OF 4" PVC PIPE SLEEVE SHALL BE MARKED WITH STEEL "I" POSTS OR 2" 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

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