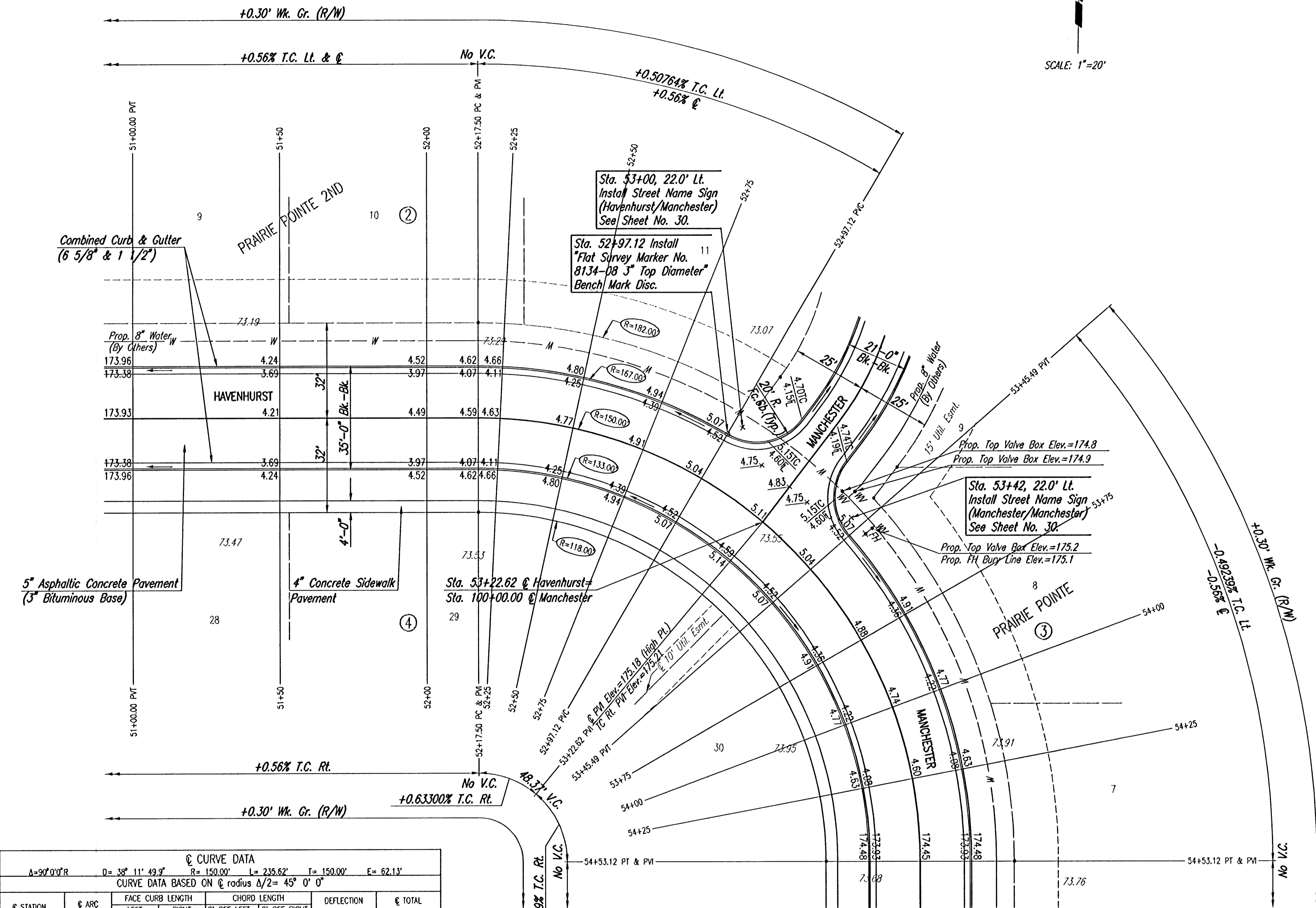


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
HAVENHURST	53+34.12	26.0' LT.	174.8
HAVENHURST	53+37.12	29.0' LT.	174.9
HAVENHURST	53+48.32	25.0' LT.	175.2

SCALE: 1"=20'

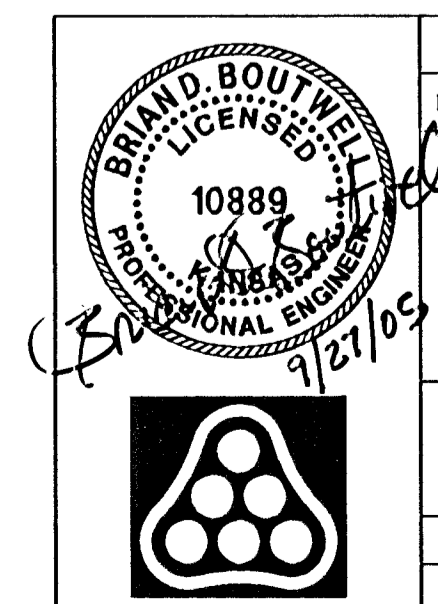


Q CURVE DATA
 $A=90^{\circ}0'0''R$ $D=38^{\circ}11'49.9''$ $R=150.00'$ $L=235.62'$ $T=150.00'$ $E=62.13'$
 CURVE DATA BASED ON Q radius $\Delta/2=45^{\circ}0'0''$

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		
52+17.50						0°00'00.0"	0°00'00.0"
52+25.00	7.50'	8.35'	6.65'	8.75'	6.25'	01°25'56.6"	01°25'56.6"
52+50.00	25.00'	27.83'	22.17'	29.13'	20.81'	04°46'28.7"	06°12'25.4"
52+75.00	25.00'	27.83'	22.17'	29.13'	20.81'	04°46'28.7"	10°58'54.1"
52+97.12	22.12'	24.83'	19.81'	25.78'	18.42'	04°13'28.6"	15°12'22.7"
53+00.00	2.88'		2.55'		2.40'	00°33'1.1"	15°45'22.9"
53+22.62	22.62'		20.06'		18.83'	04°19'12.4"	20°04'35.2"
53+25.00	2.38'		2.11'		1.98'	00°27'16.4"	20°31'51.6"
53+45.49	20.49'	22.81'	18.17'	23.89'	17.06'	03°54'47.9"	24°26'39.5"
53+50.00	4.51'	5.02'	4.00'	5.26'	3.76'	00°51'40.9"	25°18'20.4"
53+75.00	25.00'	27.83'	22.17'	29.13'	20.81'	04°46'28.7"	30°04'49.1"
54+00.00	25.00'	27.83'	22.17'	29.13'	20.81'	04°46'28.7"	34°51'17.9"
54+25.00	25.00'	27.83'	22.17'	29.13'	20.81'	04°46'28.7"	39°37'46.6"
54+50.00	25.00'	27.83'	22.17'	29.13'	20.81'	04°46'28.7"	44°24'15.4"
54+53.12	3.12'	3.47'	2.77'	3.84'	2.60'	00°39'45.2"	45°00'1.1"
TOTAL	235.62'	262.32'	208.92'				

Defl./ft. = 11.459156 min.

DSNR: BLB OPER: BJS SCALE: 1"=20.00
 C:\2005\05300\000\05300-000-C-STRI-55 09-27-2005 06:51:11 am



Revision		By	Date
PRAIRIE POINTE-PHASE 2 HAVENHURST/MANCHESTER STA. 51+00 TO STA. 54+53.12 JAMES L. ARMOUR, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84042 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BDB, BLB	Job No.	35-05300-000
Drawn by	BJS	Date	May 2005
		Sheet	10 of 38