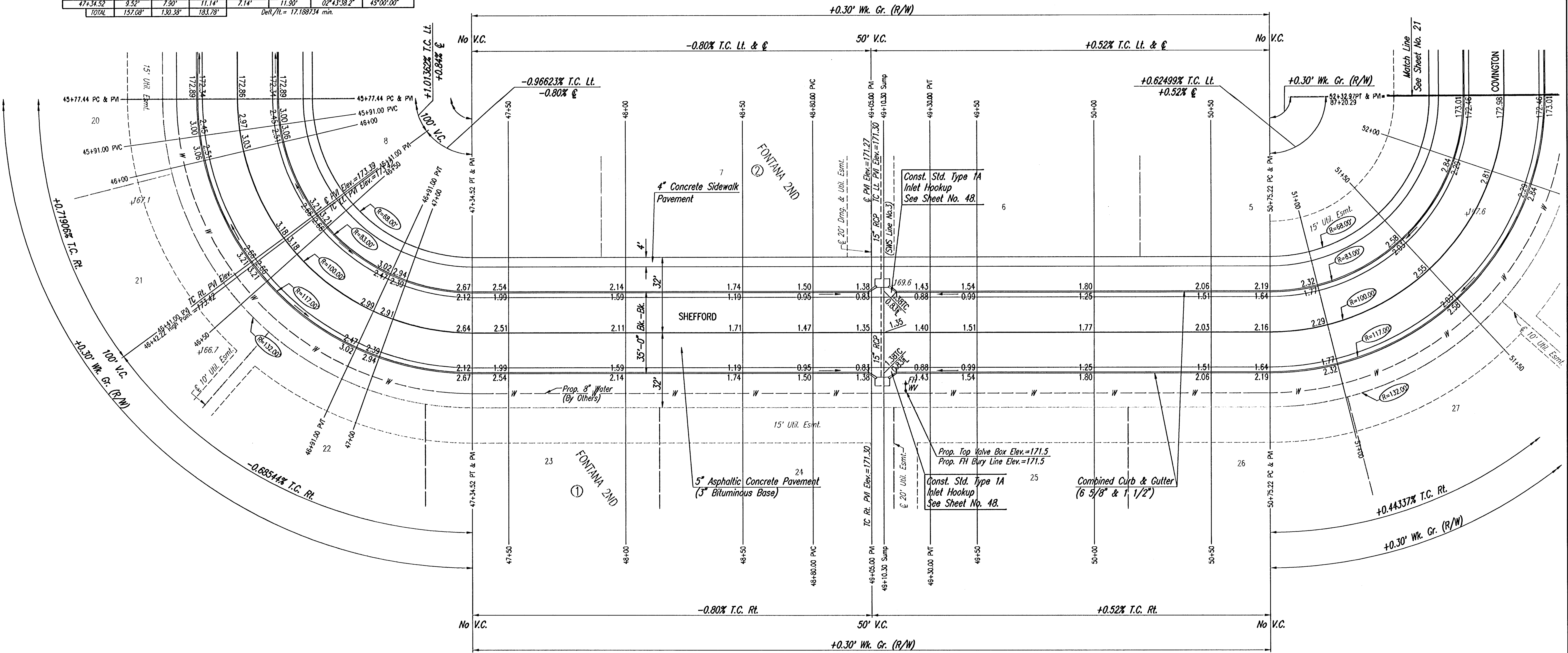


C CURVE DATA					
A=90°0'0" L D= 57° 17' 44.8" R= 100.00' L= 157.08' T= 100.00' E= 41.42'					
CURVE DATA BASED ON E radius d/2= 45° 0' 0"					
E STATION	E ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH	
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB
45+77.44				0°00'00.0"	0°00'00.0"
45+91.00	13.56'	11.25'	15.87'	10.16'	16.94'
46+00.00	9.00'	7.47'	10.53'	6.75'	11.25'
46+25.00	25.00'	20.75'	29.25'	18.70'	31.17'
46+41.00	18.00'	13.28'	18.72'	11.39'	19.38'
46+46.25	5.25'	4.39'	6.15'	3.94'	5.57'
46+50.00	3.74'	3.10'	4.39'	2.80'	4.97'
46+75.00	25.00'	20.75'	29.25'	18.70'	31.17'
46+91.00	16.00'	13.28'	18.72'	11.39'	19.38'
47+00.00	9.00'	7.47'	10.53'	6.75'	11.25'
47+25.00	25.00'	20.75'	29.25'	18.70'	31.17'
47+34.52	9.52'	7.90'	11.14'	7.14'	11.30'
TOTAL	157.08'	130.38'	183.78'		
Defn/ft. = 17.188734 min.					

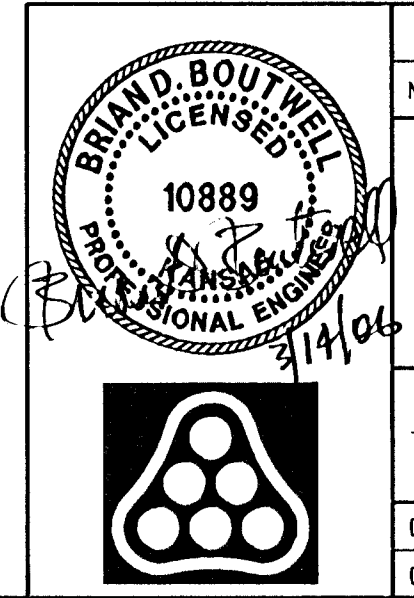
C CURVE DATA					
A=90°22'57" L D= 57° 17' 44.8" R= 100.00' L= 157.75' T= 100.67' E= 41.9'					
CURVE DATA BASED ON E radius d/2= 45° 11' 28.5"					
E STATION	E ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH	
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB
50+75.22				0°00'00.0"	0°00'00.0"
51+00.00	24.78'	20.57'	28.39'	18.54'	30.30'
51+25.00	25.00'	20.75'	29.25'	18.70'	31.17'
51+50.00	25.00'	20.75'	29.25'	18.70'	31.17'
51+75.00	25.00'	20.75'	29.25'	18.70'	31.17'
52+00.00	25.00'	20.75'	29.25'	18.70'	31.17'
52+25.00	25.00'	20.75'	29.25'	18.70'	31.17'
52+32.97	7.97'	6.61'	9.32'	5.97'	9.36'
TOTAL	157.75'	130.93'	184.56'		
Defn/ft. = 17.188734 min.					

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
SHEFFORD	49+19.52	25.0' RI.	171.5

SCALE: 1"=20'



Drawn by BJS
Checked by BJS
Designed by BJS, BLB
Job No. 35-04485-000
Date September 2004
Sheet 19 of 101



No.	Revision	By	Date
FONTANA ADDITION-PHASE 1			
SHEFFORD			
STA. 45+77.44 TO STA. 52+32.97			
JAMES L. ARMOUR, P.E.- CITY ENGINEER			
CITY OF WICHITA PROJECT NO. 472-84086			
Professional Engineering Consultants, P.A.			
303 S. TOPEKA • WICHITA, KANSAS 67202			
316-262-2691 • FAX 316-262-3003			
Designed by	BDB, BLB	Job No.	35-04485-000
Drawn by	BJS	Date	September 2004
		Sheet 19 of 101	