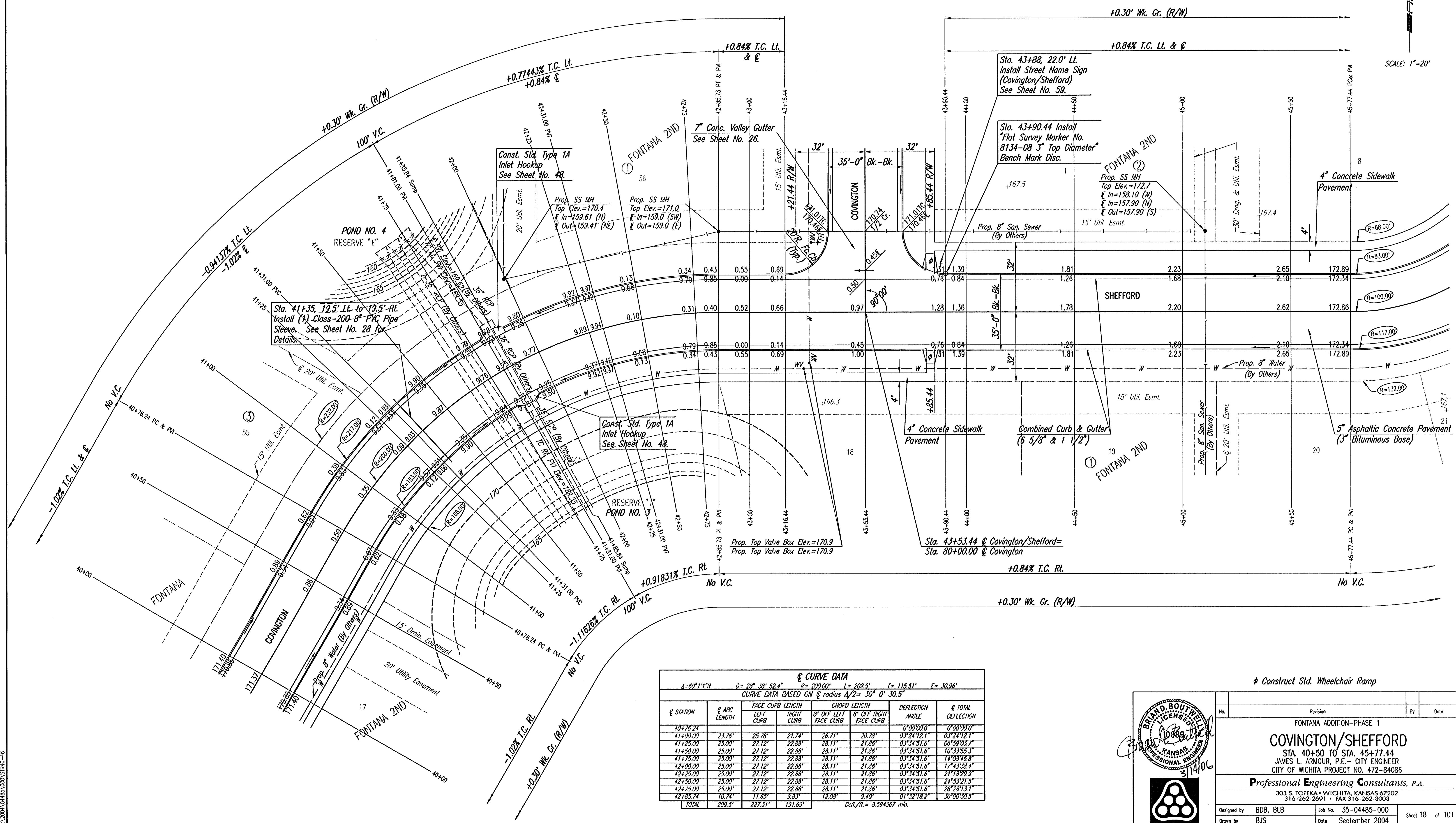


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
COVINGTON	43+24.79	26.0' RT.	170.9
COVINGTON	43+27.44	23.0' RT.	170.9

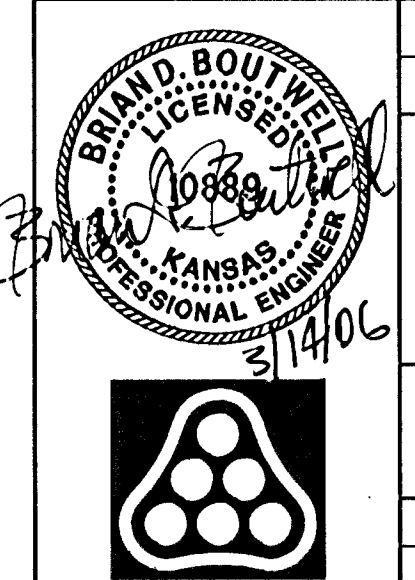
SCALE: 1"=20'



© CURVE DATA
 $A=60^{\circ}11'11''$ $D=28^{\circ}38'52.4''$ $R=200.00'$ $L=209.5'$ $E=115.51'$ $E=30.96'$
 CURVE DATA BASED ON ϕ radius $d/2=30^{\circ}0'30.5''$

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		
40+78.24						0°00'00.0"	0°00'00.0"
41+00.00	23.76'	25.78'	21.74'	28.71'	20.78'	0°24'12.1"	0°24'12.1"
41+25.00	25.00'	27.12'	22.88'	28.11'	21.88'	0°34'51.6"	0°34'51.6"
41+50.00	25.00'	27.12'	22.88'	28.11'	21.88'	0°34'51.6"	1°03'55.3"
41+75.00	25.00'	27.12'	22.88'	28.11'	21.88'	0°34'51.6"	1°40'46.8"
42+00.00	25.00'	27.12'	22.88'	28.11'	21.88'	0°34'51.6"	1°43'38.4"
42+25.00	25.00'	27.12'	22.88'	28.11'	21.88'	0°34'51.6"	2°11'18.9"
42+50.00	25.00'	27.12'	22.88'	28.11'	21.88'	0°34'51.6"	2°45'32.5"
42+75.00	25.00'	27.12'	22.88'	28.11'	21.88'	0°34'51.6"	2°28'13.1"
42+85.74	10.74'	11.65'	9.83'	12.08'	9.40'	0°32'18.2"	3°00'30.5"
TOTAL	209.5'	227.31'	191.69'				

$Defl./R = 8.594367 \text{ min.}$



Construct Std. Wheelchair Ramp

No.	Revision	By	Date
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Fontana Addition-Phase 1
COVINGTON/SHEFFORD
 STA. 40+50 TO STA. 45+77.44
 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 18 of 101

Sheet 03-11-2006 14:53:38 PM by BJS
 Plot Scale 1/2"=20' 03-11-2006 9:27:27 AM by JMU
 C:\2006\04485\000\STR40-46