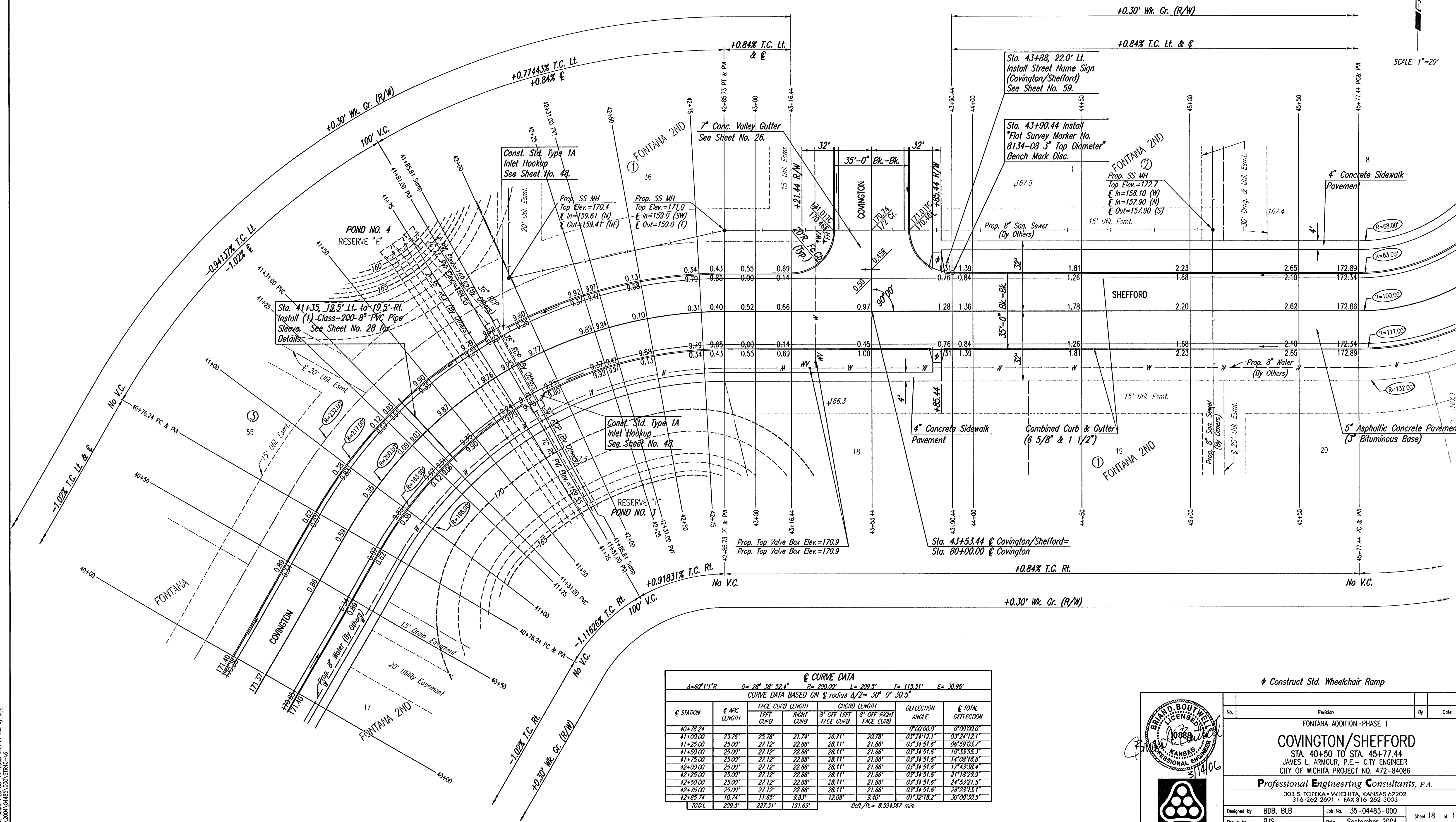


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
COVINGTON	43+24.79	26.0' RT.	170.9
COVINGTON	43+27.44	23.0' RT.	170.9

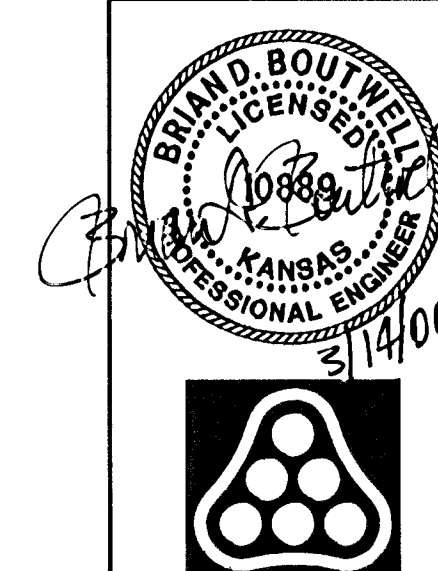
SCALE: 1"=20'



Curve Data
 $\Delta = 60^\circ 11' 11''$ $D = 28^\circ 38' 52.4''$ $R = 200.00'$ $L = 209.5'$ $E = 30.36'$
 CURVE DATA BASED ON Δ radius $\Delta/2 = 30^\circ 0' 30.5''$

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'	21.38'	0°34'31.5"	0°58'43.7"
41+50.00	25.00'	27.12'	22.88'	28.11'	21.38'	0°34'31.5"	1°33'55.3"
41+75.00	25.00'	27.12'	22.88'	28.11'	21.38'	0°34'31.5"	2°08'46.8"
42+00.00	25.00'	27.12'	22.88'	28.11'	21.38'	0°34'31.5"	2°43'38.4"
42+25.00	25.00'	27.12'	22.88'	28.11'	21.38'	0°34'31.5"	3°18'29.9"
42+50.00	25.00'	27.12'	22.88'	28.11'	21.38'	0°34'31.5"	3°53'21.5"
42+75.00	25.00'	27.12'	22.88'	28.11'	21.38'	0°34'31.5"	4°28'13.1"
42+85.74	10.74'	11.65'	9.83'	12.08'	9.40'	01°32'18.2"	30°00'30.5"
TOTAL	209.5'	227.31'	191.69'				

Def/ft. = 8.594367 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

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