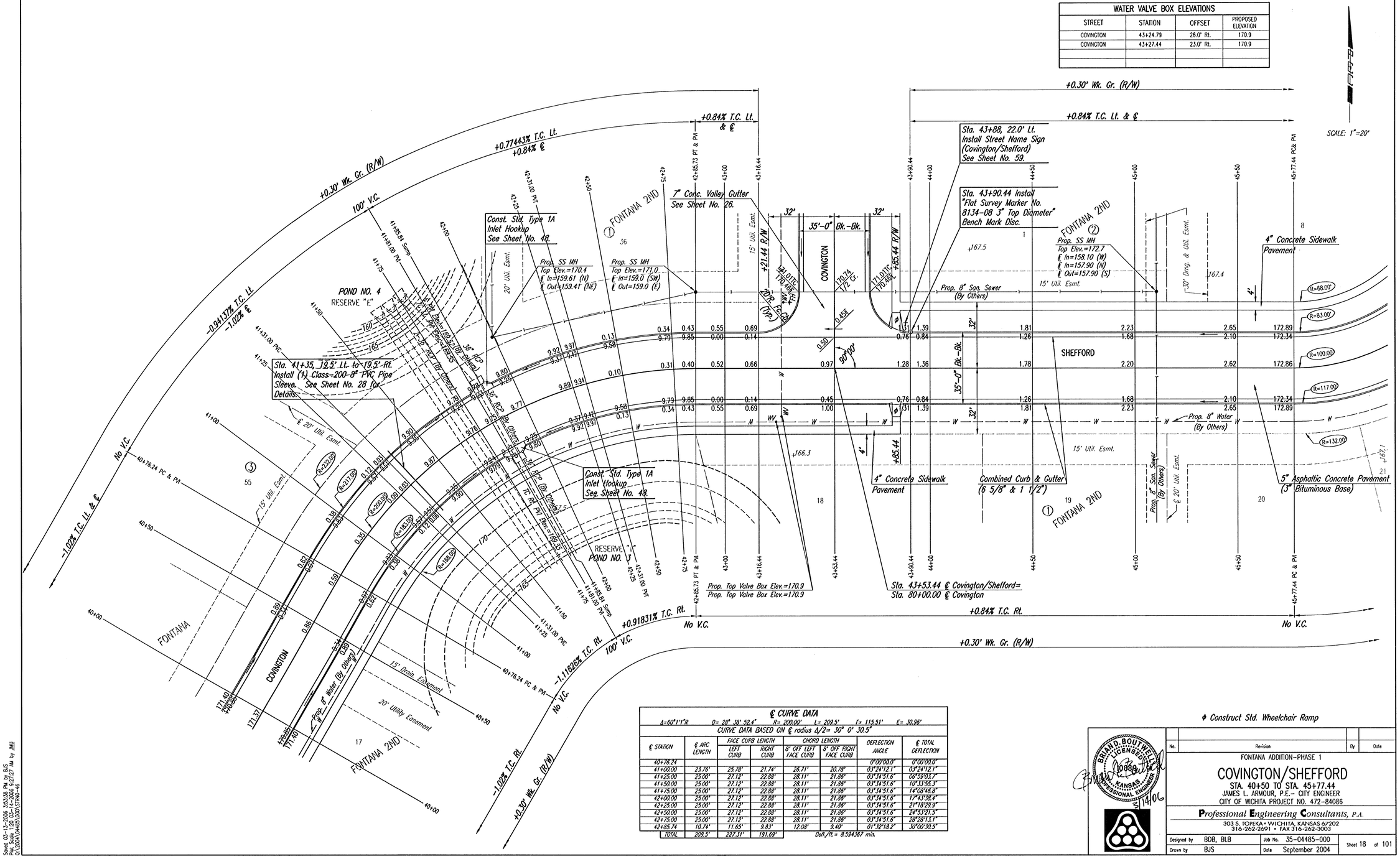
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
COVINGTON	43+24.79	26.0' Rt.	170.9
COVINGTON	43+27.44	23.0' Rt.	170.9



℄ CURVE DATA

Δ=60°1'1"R D= 28° 38' 52.4" R= 200.00' L= 209.5' T= 115.51' E= 30.36'

CURVE DATA BASED ON ℄ radius Δ/2= 30° 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+76.24						0°00'00.0"	0°00'00.0"
41+00.00	23.76'	25.78'	21.74'	28.71'	20.78'	03°24'12.1"	03°24'12.1"
41+25.00	25.00'	27.12'	22.88'	28.11'	21.86'	03°34'51.6"	06°59'03.7"
41+50.00	25.00'	27.12'	22.88'	28.11'	21.86'	03°34'51.6"	10°33'55.3"
41+75.00	25.00'	27.12'	22.88'	28.11'	21.86'	03°34'51.6"	14°08'46.8"
42+00.00	25.00'	27.12'	22.88'	28.11'	21.86'	03°34'51.6"	17°43'38.4"
42+25.00	25.00'	27.12'	22.88'	28.11'	21.86'	03°34'51.6"	21°18'29.9"
42+50.00	25.00'	27.12'	22.88'	28.11'	21.86'	03°34'51.6"	24°53'21.5"
42+75.00	25.00'	27.12'	22.88'	28.11'	21.86'	03°34'51.6"	28°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'			Delt/ft.= 8.594367 min.	

℄ Construct Std. Wheelchair Ramp

No.	Revision	By	Date

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

BRIAN D. BOUTWELL LICENSED PROFESSIONAL ENGINEER No. 10889 STATE OF KANSAS

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	Sheet 18 of 101
Drawn by	BJS	Date	September 2004	

Saved: 03-13-2006 3:43:38 PM by BJS
Plot Scale = 1.00 ft. = 20.0000 ft. Plot Date = 3/27/2006 by JMJ
O:\3000\04485\000\STR40-46