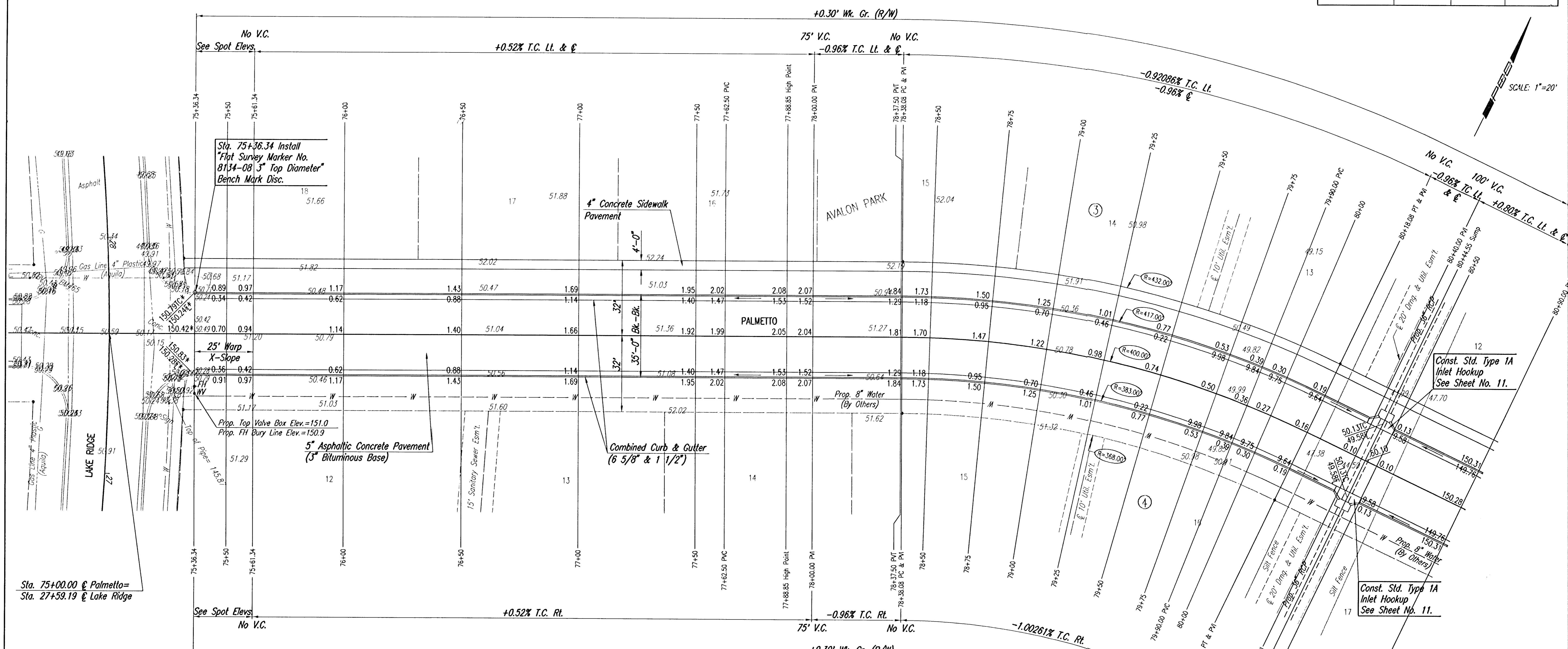


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
PALMETTO	75+36.34	25.0' RL	151.0

SCALE: 1"=20'



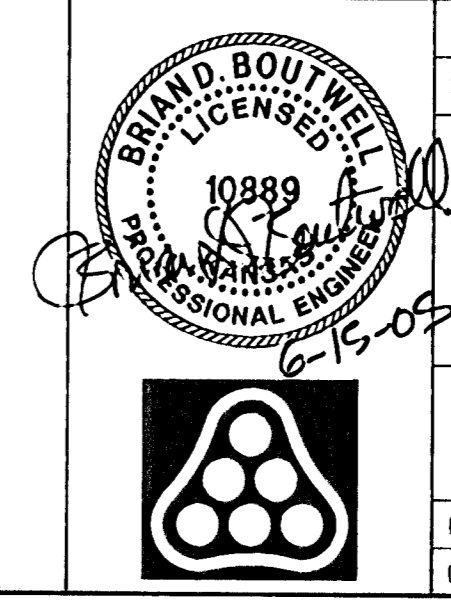
DSNR: BLB OPER: BLS SCALE: 1=20.00
 C:\2005\05060\000\05060-000-C-STR75-81 08-13-2005 03:17:35 pm

☉ CURVE DATA

$\Delta = 25^\circ 38' 21''$ $D = 14' 19' 26.2''$ $R = 400.00'$ $L = 179.00'$ $T = 91.02'$ $E = 10.23'$
 CURVE DATA BASED ON ☉ radius $\Delta/2 = 12^\circ 49' 10.5''$

☉ 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		
78+38.08						0°00'00.0"	0°00'00.0"
78+50.00	11.92'	12.43'	11.41'	12.66'	11.17'	00°51'13.3"	00°51'13.3"
78+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	02°38'39.1"
79+00.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	04°26'04.9"
79+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	06°13'30.7"
79+50.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	08°00'56.5"
79+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	09°48'22.3"
79+90.00	15.00'	15.64'	14.36'	15.94'	14.06'	01°04'27.5"	10°52'49.7"
80+00.00	10.00'	10.42'	9.57'	10.62'	9.37'	00°42'58.3"	11°35'48.0"
80+17.08	17.08'	17.80'	16.35'	18.14'	16.01'	01°13'23.8"	12°49'10.5"
TOTAL	179'	186.6'	171.39'				

Defl./ft. = 4.297184 min.



RECORD DRAWING
 * Match Existing

Revision		By	Date
AVALON PARK-PHASE 5			

PALMETTO

STA. 75+00 TO STA. 80+90.00
 JAMES L. ARMOUR, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 472-83839

Professional Engineering Consultants, P.A.
 303 S. TOPEKA • WICHITA, KANSAS 67202
 316-262-2691 • FAX 316-262-3003

Designed by	BDB, BLB	Job No.	35-05060-000
Drawn by	BJS	Date	February 2005

Sht. 7 of 22