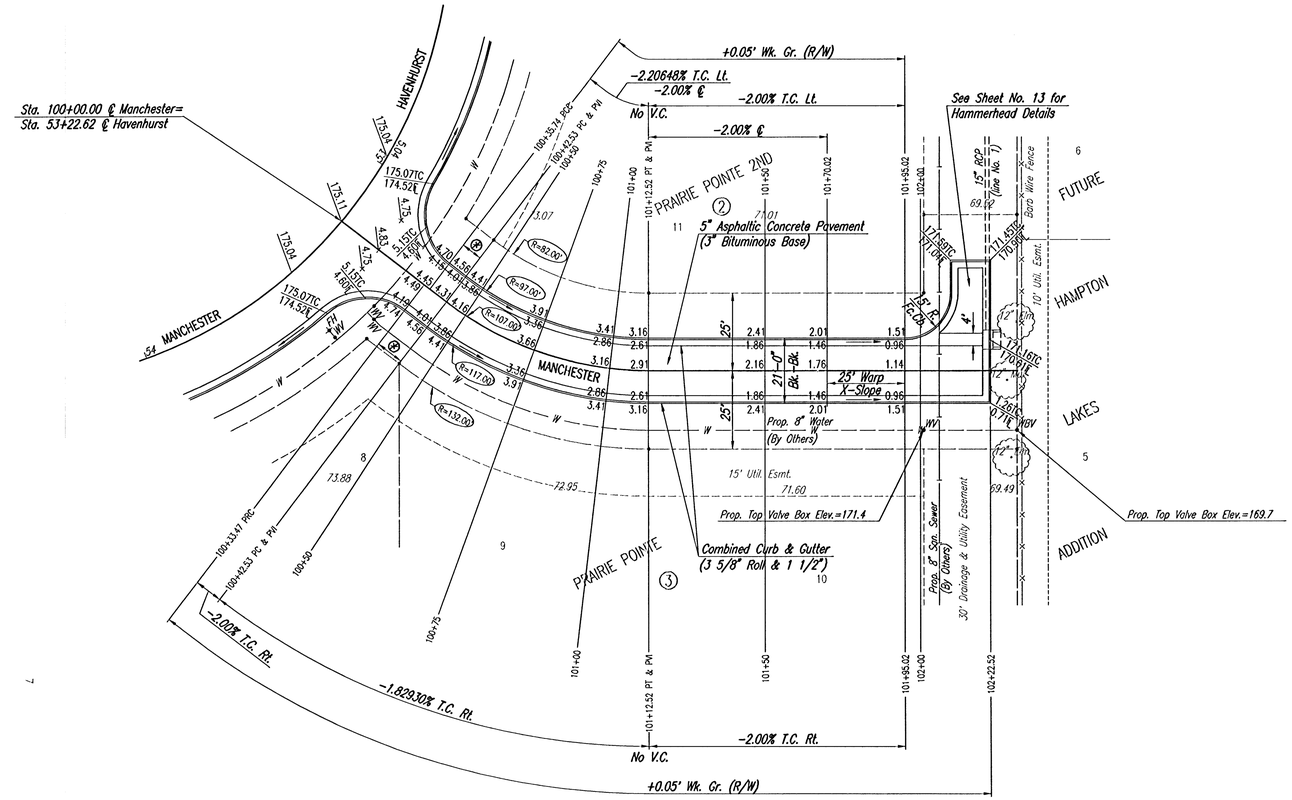
℄ CURVE DATA							
Δ=37°28'42"L	D= 53° 32' 50.8"	R= 107.00'	L= 69.99'	T= 36.3'	E= 5.99'		
CURVE DATA BASED ON ℄ radius Δ/2= 18° 44' 21"							
℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	℄ TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
100+42.53						0°00'00.0"	0°00'00.0"
100+50.00	7.47'	8.77'	8.17'	6.21'	8.72'	01°59'60.0"	01°59'60.0"
100+75.00	25.00'	22.66'	27.34'	20.75'	29.14'	06°41'36.4"	08°41'36.4"
101+00.00	25.00'	22.66'	27.34'	20.75'	29.14'	06°41'36.4"	15°23'12.7"
101+12.52	12.52'	11.35'	13.69'	10.41'	14.62'	03°21'07.5"	18°44'21.1"
TOTAL	69.99'	63.45'	76.53'				

Delt/ft.= 16.064238 min.

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
MANCHESTER	102+01.01	19.0' RT.	171.4
MANCHESTER	102+31.01	19.0' RT.	169.7

SCALE: 1"=20'



NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL-TYPE CURB. TOP OF CURB ELEVATIONS GIVEN ARE FOR FULL HEIGHT CURB.

④ Transition from Combined Curb and Gutter (6 5/8" & 1 1/2") to Combined Curb and Gutter (3 5/8" Roll & 1 1/2"). To be bid and paid for as "Combined Curb and Gutter (3 5/8" Roll & 1 1/2")".

BRIAN D. BOUTWELL LICENSED 10839 KANSAS PROFESSIONAL ENGINEER 9/27/05

No.	Revision	By	Date

PRAIRIE POINTE-PHASE 2

MANCHESTER

STA. 100+33.47 TO STA. 102+22.52

JAMES L. ARMOUR, P.E.-CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-84042

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

Designed by	BDB, BLB	Job No.	35-05300-000
Drawn by	BJS	Date	May 2005

Sheet 12 of 38

DSNR: BLB OPER: BJS SCALE: 1=20.00
Q:\2005\05300\000\05300-000-C-STR100-102 09-27-2005 06:53:22 am