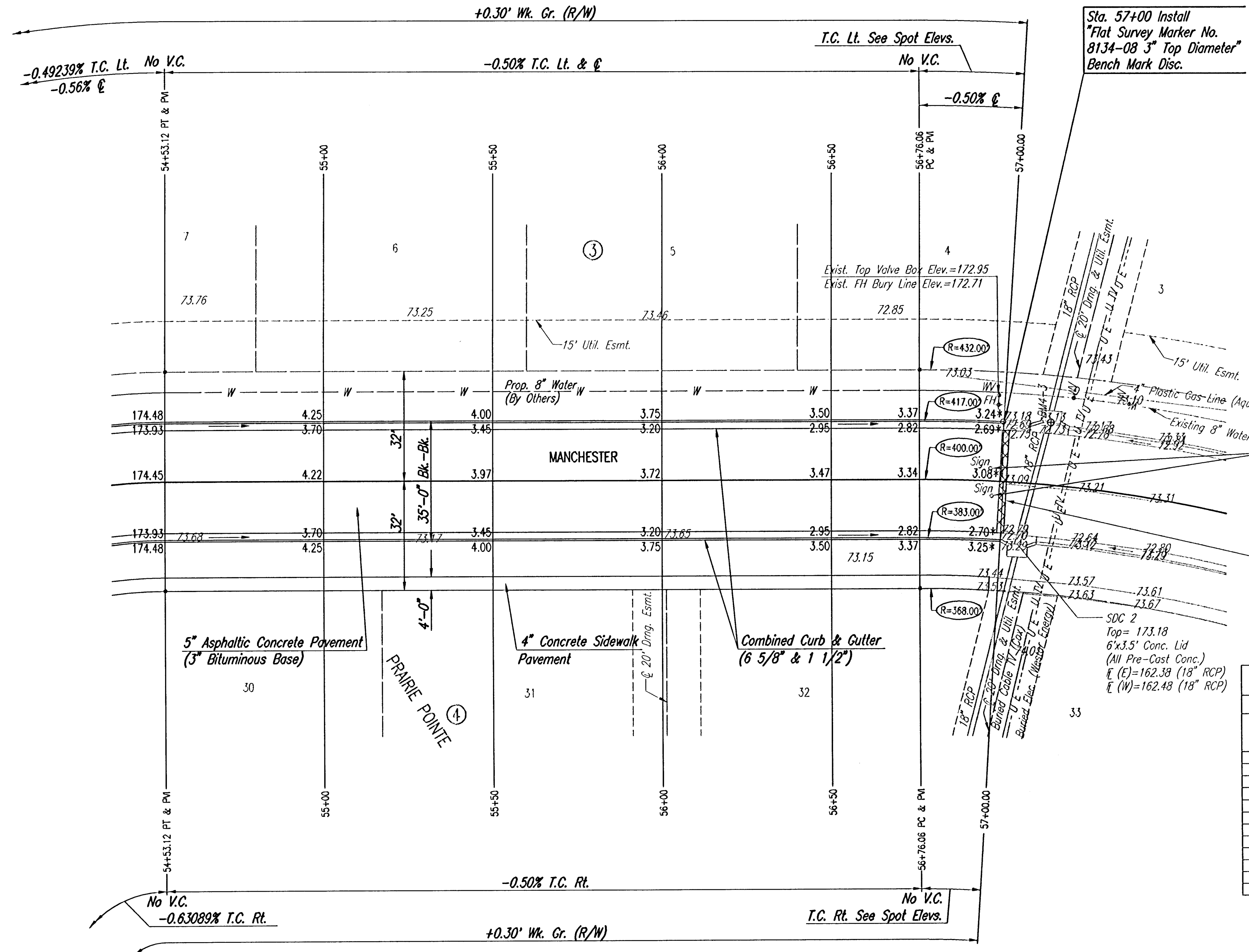


SCALE: 1"=20'

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	EXISTING ELEVATION
MANCHESTER	56+98.20	26.0'± LT.	172.95



Remove Existing Signs (End of Road Marker) Subsidiary to "Site Clearing".

Saw Cut, Remove and Replace Surface Course as Necessary to provide neat line. This work to be Subsidiary to Asphalt Pavement.

@ CURVE DATA

A=38°52'42" R D=14' 19" 26.2" R=400.00' L=271.42' T=141.17' E=24.18'

CURVE DATA BASED ON @ radius Δ/2= 19' 26" 21"

@ STATION	@ ARC LENGTH	FACE CURB LENGTH LEFT CURB	FACE CURB LENGTH RIGHT CURB	CHORD LENGTH 8' OFF LEFT FACE CURB	CHORD LENGTH 8' OFF RIGHT FACE CURB	DEFLECTION ANGLE	@ TOTAL DEFLECTION
56+76.06						0°00'00.0"	0°00'00.0"
57+00.00	23.94'	24.96'	22.92'	25.43'	22.44'	01°42'52.5"	01°42'52.5"
57+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	03°30'18.3"
57+50.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	05°17'44.0"
57+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	07°05'09.8"
58+00.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	08°52'35.6"
58+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	10°40'01.4"
58+50.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	12°27'27.2"
58+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	14°14'52.9"
59+00.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	16°02'18.7"
59+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	17°49'44.5"
59+47.48	22.48'	23.44'	21.53'	23.88'	21.07'	01°36'36.0"	19°26'21.1"
TOTAL	271.42'	282.98'	259.89'				

Defl./ft. = 4.297184 min.

* Match Existing

BRAND BOUTWELL
LICENSED
10888
PROFESSIONAL ENGINEER
KANSAS

No. _____	Revision _____	By _____	Date _____
<p>PRairie Pointe-Phase 2</p> <p>MANCHESTER</p> <p>STA. 54+53.12 TO STA. 57+00.00</p> <p>JAMES L. ARMOUR, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84042</p> <p>Professional Engineering Consultants, P.A.</p> <p>303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003</p>			
Designed by BDB, BLB	Job No. 35-05300-000	Date May 2005	Sheet 11 of 38

DSWR: BLB OPER: BJS SCALE: 1"=20.00
 C:\2005\05300\000\05300-000-C-STRES-57 09-26-2005 05:12:28 pm