B.M. 222.41 "R" in Ritchie N end Radius N.W. Cor. 17th & Farmstead
B.M. 221.74 N.E. Cor. Porch House 5915 E 17th St.
B.M. 219.94 "X" Cut top N. Cb. 19th Approx 10.0' W of WL Beaumont

Scale 1" = 20'

0+00 +50 1+00 +50 2+00 +50 3+00 +50 4+00 +50 5+00 5+50

P.V.I. Elev. 222.80 No V.C.

+0.203% +0.4 WL Gr.

-0.219% +0.6 WL Gr.

-0.246% +0.6 WL Gr.

+0.339% +0.6 WL Gr.

P.V.I. Elev 223.20 No V.C.

S.T. 17th

Begin Curb & Gutter 0+00

End Curb & Gutter

Begin Curb & Gutter

End Curb & Gutter

Metal

W.H. Connection

FARMSTEAD

AVE.

Excavation Prop.

5,814.9 C.Y.
281.5 +10%
3,096.4 C.Y. Total

Curve Data on Sheet 3

FARMSTEAD
N.L. 17TH. TO S.L. BEA

30' CONC. & C

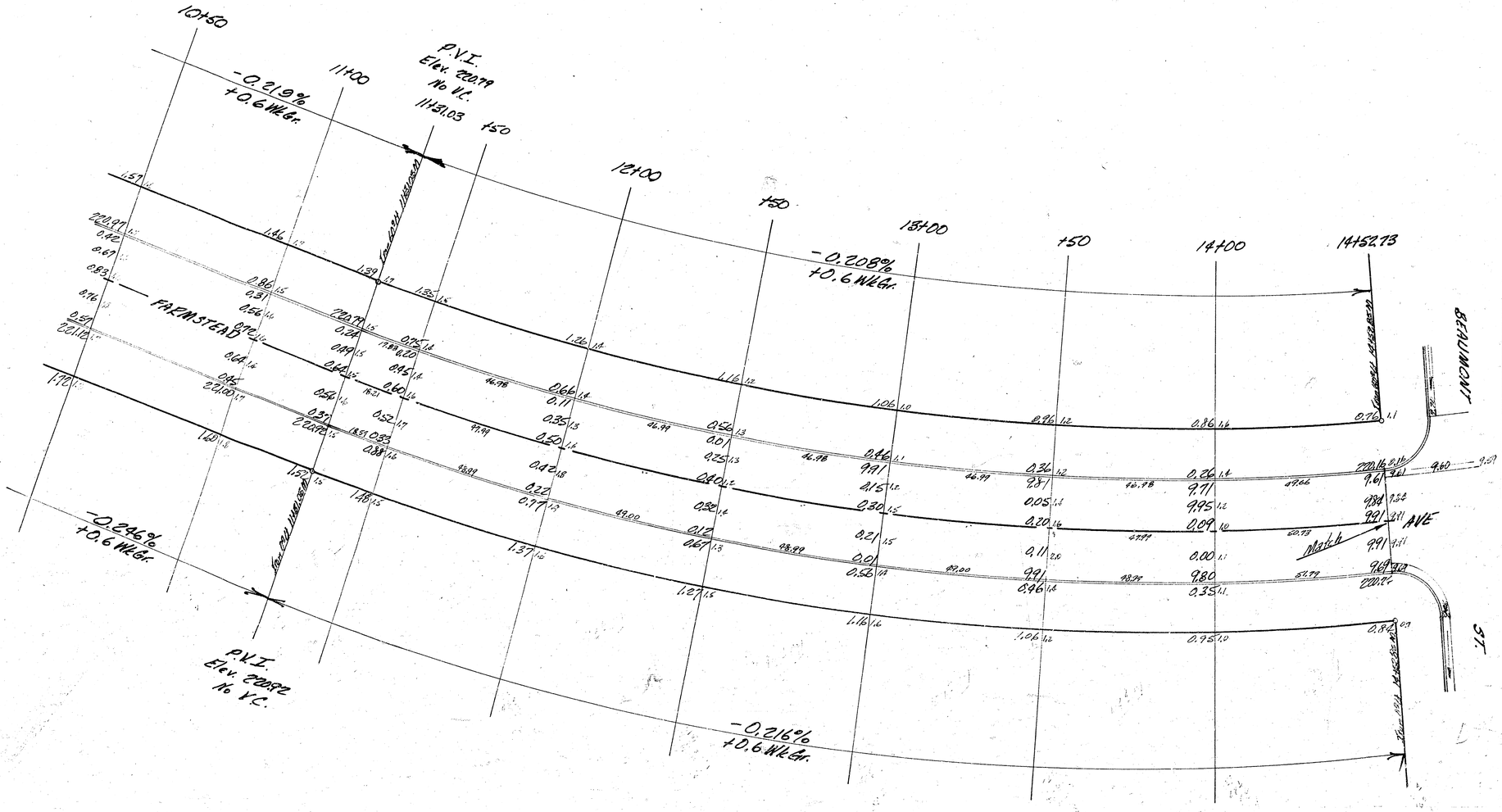
CITY OF WICHITA
B.E. SMITH CITY
DATE MAR. 1966 PROJ

B. E. SMITH LICENSED 435 PROFESSIONAL ENGINEER KANSAS

1/3

5+50	P.T. 5+77.23	6+00	+50	7+00	+50	8+00	+50	9+00	+50	10+00	+50
						-0.219% +0.6 Wtr Gr.					
5.66 2.8	6.60 2.7	2.56 2.9	2.45 2.9	2.34 2.9	2.23 2.5	2.12 2.1	2.01 2.0	1.90 1.9	1.79 1.9	1.68 1.7	1.57 1.5
222.06 2.9	2.00 2.9	221.96 3.0	1.85 3.2	1.74 2.8	1.63 2.5	1.52 2.2	1.41 1.9	1.30 2.1	1.19 1.9	221.08 1.9	220.97 1.6
1.51	1.45	1.41	1.30	1.19	1.08	0.97	0.86	0.75	0.64	0.53	0.42
1.79 3.0	1.73 3.0	1.69 3.0	1.57 3.1	1.46 2.8	1.35 2.5	1.24 2.1	1.12 2.0	1.01 2.0	0.90 1.7	0.78 1.7	0.67 1.6
1.99 3.2	1.93 3.1	1.88 3.2	1.76 3.1	1.65 3.1	1.53 2.5	1.42 2.2	1.29 2.1	1.18 2.1	1.07 1.9	0.95 2.0	0.83 1.7
1.96 3.2	1.89 3.1	1.84 3.2	1.72 3.3	1.60 3.0	1.48 2.6	1.36 2.1	1.23 2.1	1.12 2.0	1.00 1.9	0.88 1.9	0.76 1.7
1.80	1.73	1.68	1.55	1.43	1.31	1.19	1.05	0.94	0.82	0.69	0.57
222.35 3.5	2.28 3.1	2.23 3.2	222.10 3.2	221.98 3.1	1.86 2.6	1.74 2.2	1.61 2.2	1.49 2.1	1.37 2.0	1.24 2.0	221.12 1.9
2.95 2.4	2.88 3.5	2.83 3.5	2.70 3.3	2.58 3.0	2.46 2.7	2.34 2.4	2.21 2.3	2.09 2.1	1.97 2.0	1.84 1.7	1.72 2.1
					-0.246% +0.6 Wtr Gr.						

Farmstead Ave.
C 15-63



CURVE DATA BASED ON E RP R=1171.94 Δ 28°13'-12"					
Sta	Arc	Chord S @ East Cl	Chord S @ West Cl	Deflection	Total Def'l's
P.C. 0+00				0°-00'-00"	0°-00'-00"
+50	50°	49.70'	49.73'	1°-13'-20"	1° 13' 20"
1+00	"	"	"	" " "	2° 26' 40"
+50	"	"	"	" " "	3° 40' 00"
2+00	"	"	"	" " "	4° 53' 20"
+50	"	"	"	" " "	6° 06' 40"
3+00	"	"	"	" " "	7° 20' 00"
+50	"	"	"	" " "	8° 33' 20"
4+00	"	"	"	" " "	9° 46' 40"
+50	"	"	"	" " "	11° 00' 00"
5+00	"	"	"	" " "	12° 13' 20"
+50	50°	49.70	49.73	1°-13'-20"	13° 26' 40"
P.T. 5+77.15	27.15	27.06	25.99	0°-39'-56"	14° 06' 36"

1.46669 Min/Ft

CURVE DATA BASED ON E RP R=746.35 Δ 24°41'-46"					
Sta	Arc	Chord S @ East Cl	Chord S @ West Cl	Deflection	Total Def'l's
P.C. 11+31.03					0° 00' 00"
+50	18.97'	18.79'	19.62	0°-43' 41"	0° 43' 41"
12+00	50°	49.52	46.44	1° 55' 09"	2° 38' 50"
+50	"	"	"	" " "	4° 33' 59"
13+00	"	"	"	" " "	6° 29' 08"
+50	"	"	"	" " "	8° 24' 17"
14+00	50°	49.52	46.44	1° 55' 09"	10° 19' 26"
PT 14+52.85	52.85	52.23	48.98	2° 01' 27"	12° 20' 53"

2.30304 Min/Ft