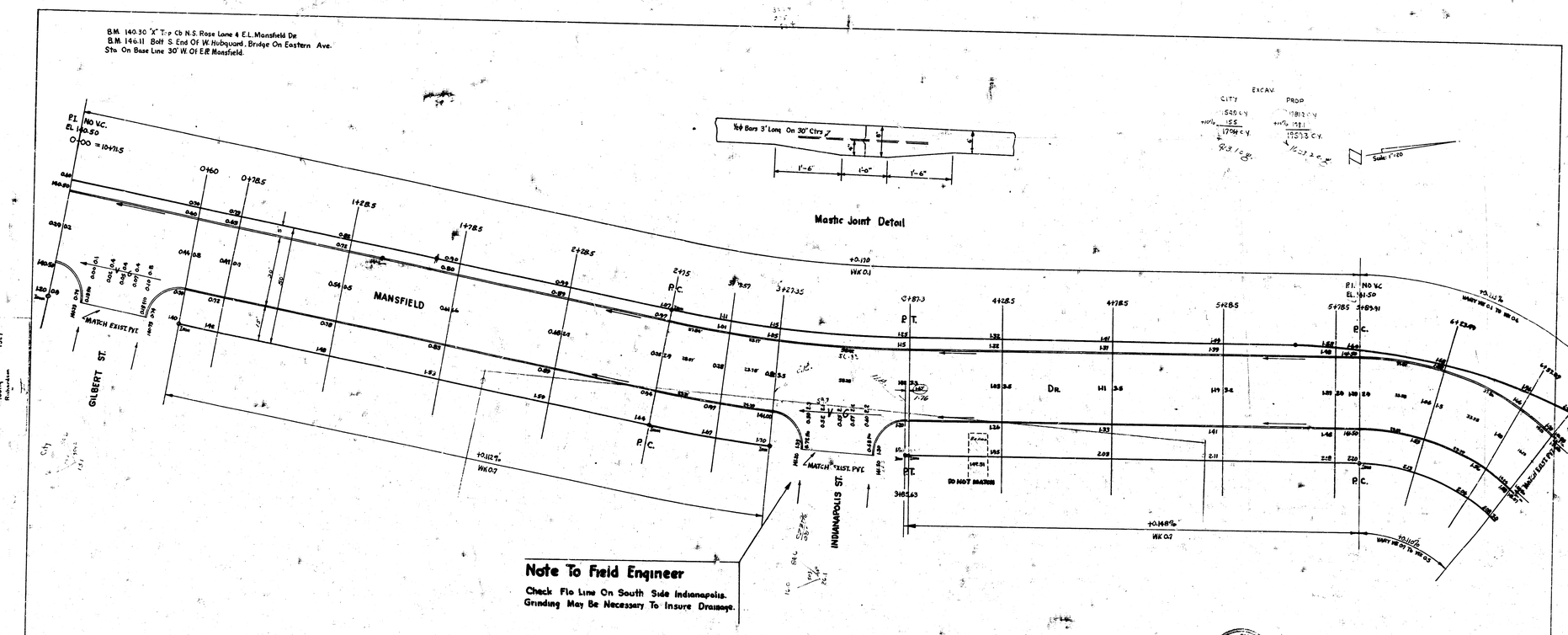
B.M. 140.30 "X" T-p Cb N.S. Rose Lane & E.L. Mansfield Dr.
B.M. 146.11 Bolt S. End Of W. Hubguard, Bridge On Eastern Ave.
Sta On Base Line 30' W. Of E.R. Mansfield.



Mastic Joint Detail

EXCAV.

	CITY	PROP
+0.7%	1540 C.Y.	1812 C.Y.
+0.5%	155	1931
	1704 C.Y.	1703 C.Y.

Scale: 1"=20'

Curve Data Sta 2+75 To Sta 3+87.30 For 6' Offset From Face Of South Curb. R=606 Δ=11°00'00"

Sta	Chord Length & @ Face In Cb	Chord Length & @ Face N.Cb	Deflection	Tot Deflection
2+75	P.C.		0°00'00"	0°00'00"
3+03.75	29.60	27.55	1°23'58"	1°23'58"
3+27.35	24.63	22.93	1°09'52"	2°33'50"
3+51.13	24.63	22.93	1°09'52"	3°43'42"
3+85.63	36.74	33.26	1°41'11"	5°26'53"
3+87.30	1.73	1.61	0°04'55"	5°29'48"

Curve Data Sta 5+89.91 To Sta 6+73.17 For 6' Offset From Face Of South Curb. R=364.5 Δ=81°14'00"

Sta	Chord Length & @ Face S.Cb	Chord Length & @ Face N.Cb	Deflection	Tot Deflection
5+89.91	P.C.		0°00'00"	0°00'00"
6+23.49	23.48	39.45	8°11'24"	8°11'24"
6+52.08	27.48	39.45	8°11'24"	16°22'48"
6+73.17	13.21	18.97	3°55'40"	20°18'28"

NOTE: OTHER HALF OF CURVE ALREADY BUILT.

B.E. SMITH LICENSED KANSAS PROFESSIONAL ENGINEER 436

1/2

MANSFIELD DR.

SL GILBERT TO N.L. ORME

30 CONC. & CB.

CITY OF WICHITA, KANSAS

B.E. SMITH — CITY ENGINEER

JULY 1955 — PROJ. NO. CM-382