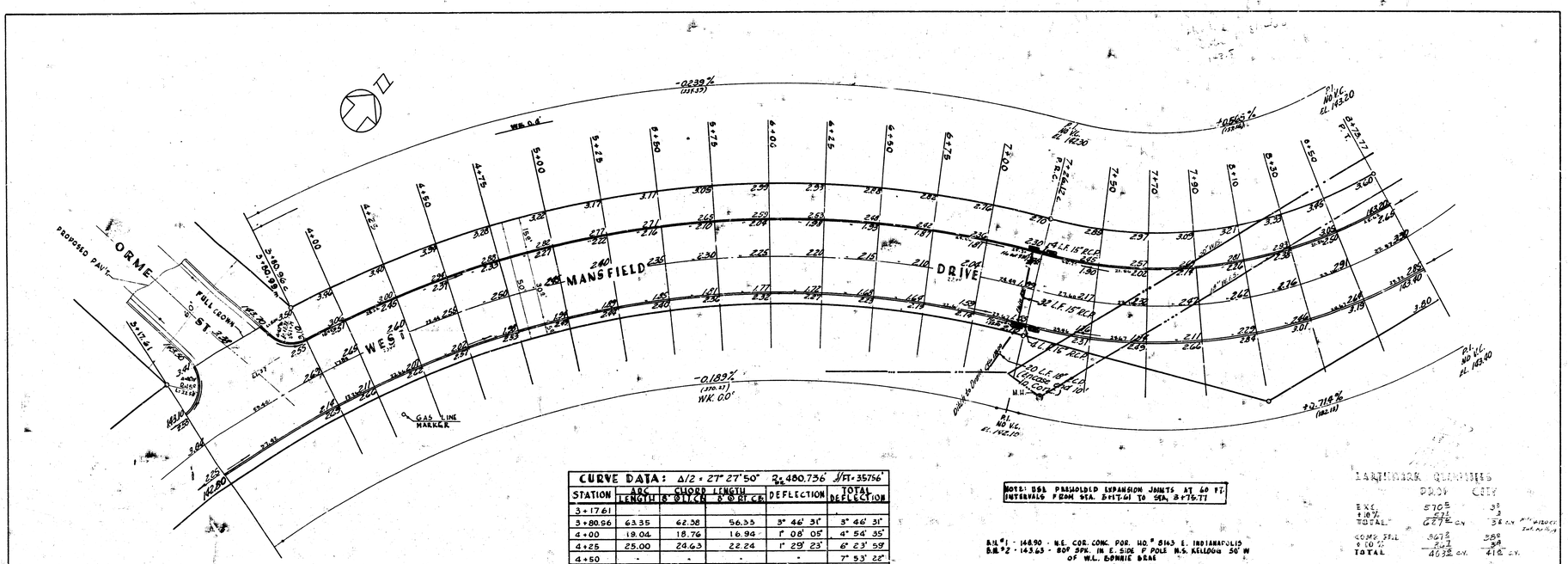
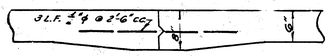


CURVE DATA: Δ/2 = 27° 27' 50"				D_{arc} = 480.736'	1/FT. = 35756'	
STATION	ARC LENGTH	CHORD LENGTH & QTY. CH.	CHORD LENGTH & ° @ RT. CH.	DEFLECTION	TOTAL DEFLECTION
3+17.61					
3+80.96	63.35	62.38	56.35	3° 46' 31"	3° 46' 31"
4+00	19.04	18.76	16.94	1° 08' 05"	4° 54' 35"
4+25	25.00	24.63	22.24	1° 29' 23"	6° 23' 59"
4+50	"	"	"	"	7° 53' 22"
4+75	"	"	"	"	9° 22' 45"
5+00	"	"	"	"	10° 52' 09"
5+25	"	"	"	"	12° 21' 32"
5+50	"	"	"	"	13° 50' 55"
5+75	"	"	"	"	15° 20' 19"
6+00	"	"	"	"	16° 49' 42"
6+25	"	"	"	"	18° 19' 06"
6+50	"	"	"	"	19° 48' 29"
6+75	"	"	"	"	21° 17' 52"
7+00	"	"	"	"	22° 47' 16"
7+26.12	26.12	25.76	23.24	1° 35' 24"	24° 20' 39"
		Δ/2 = 21° 56' 40"		D_{arc} = 192.753	1/FT. = 89175
7+26.12	P.R.C.				
7+50	23.88	24.73	30.43	3° 32' 57"	3° 32' 57"
7+70	20.00	20.72	25.49	2° 58' 21"	6° 31' 18"
7+90	"	"	"	"	9° 29' 39"
8+10	"	"	"	"	12° 28' 00"
8+30	"	"	"	"	15° 26' 21"
8+50	"	"	"	"	18° 24' 42"
8+73.77	23.77	24.62	30.29'	3° 31' 58"	21° 56' 40"

NOTE: DSL PRESHOLDED EXPANSION JOINTS AT 60 FT. INTERVALS FROM STA. 3+17.61 TO STA. 8+73.77

B.M. #1 - 148.90 - N.E. COR. CONC. POR. HD.* 5143 E. INDIANAPOLIS
B.M. #2 - 143.65 - BOP SPK. IN E. SIDE P POLE N.S. KELLOGG 50' W OF W.L. BONNIE BRAE

STATIONING ON WEST PROPERTY LINE



DETAIL OF MASTIC JT.

EARTHWORK QUANTITIES

	PROV.	CITY
EXC.	5705	38
+10%	571	3
TOTAL	6277 C.Y.	41 C.Y. FOR WIDEN TAPERING
COMP. FILL	3673	388
+10%	369	39
TOTAL	4032 C.Y.	416 C.Y.

1/8

WEST MANSFIELD DR.

S.L. ORME - S.L. KELLOGG

30' CONC. ↓ CD.

CITY OF WICHITA, KANSAS

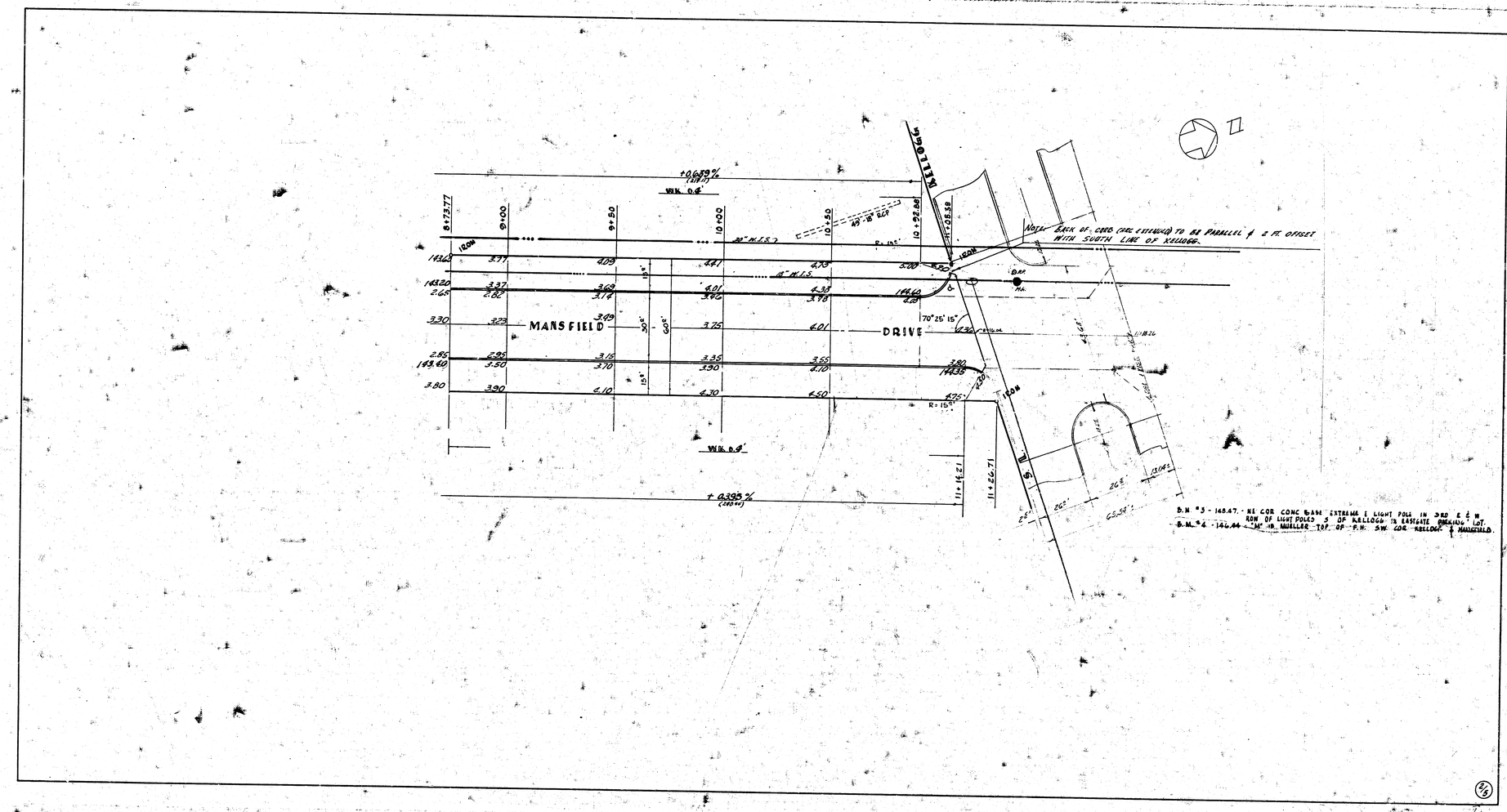
B. E. SMITH CITY ENGINEER

DATE: JULY 1960, PROJ. NO. C10-127

JAMES H. TARDY LICENSED 2012 KANSAS PROFESSIONAL ENGINEER

JOHN H. EPPERSON LICENSED 531 KANSAS PROFESSIONAL ENGINEER

B. E. SMITH LICENSED 436 KANSAS PROFESSIONAL ENGINEER


+0.69%
WIN. 0.4'
8+73.77
9+00
9+50
10+00
10+50
10+92.86
11+05.58
KELLOGG
N
20" M.I.S.
16" M.I.S.
40'-18' SCR
R=125'
10.0W
14320
2.65
3.71
4.09
4.41
4.73
5.00
3.37
2.82
3.69
3.14
4.01
3.42
4.33
3.78
14460
4.28
330
323
MANSFIELD
349
30'
60'
3.75
4.01
DRIVE
70° 25' 15"
V=30 M.P.H.
2.85
2.95
3.16
3.35
3.55
14380
14435
3.80
3.50
3.70
3.90
4.10
380
15'
4.30
4.50
475'
R=15'
WIN. 0.4'
+0.395%
(240'±)
11+14.21
11+26.71
15.0W
23'
NOTE: BACK OF CURB (NOT SIDEWALK) TO BE PARALLEL & 2 FT. OFFSET WITH SOUTH LINE OF KELLOGG.
BM
M.H.
43.0'
11.82
1.82
26.2'
26.2'
C5.58'
B.M. #3 - 148.47. - NE COR CONC BASE EXTREME E LIGHT POLE IN 3RD E & W RDW OF LIGHT POLES 3 OF KELLOGG IN EASTGATE ADDITION LOT.
B.M. #4 - 146.46 - "M" IN MUELLER TOP OF F.H. SW. COR KELLOGG & MANSFIELD.