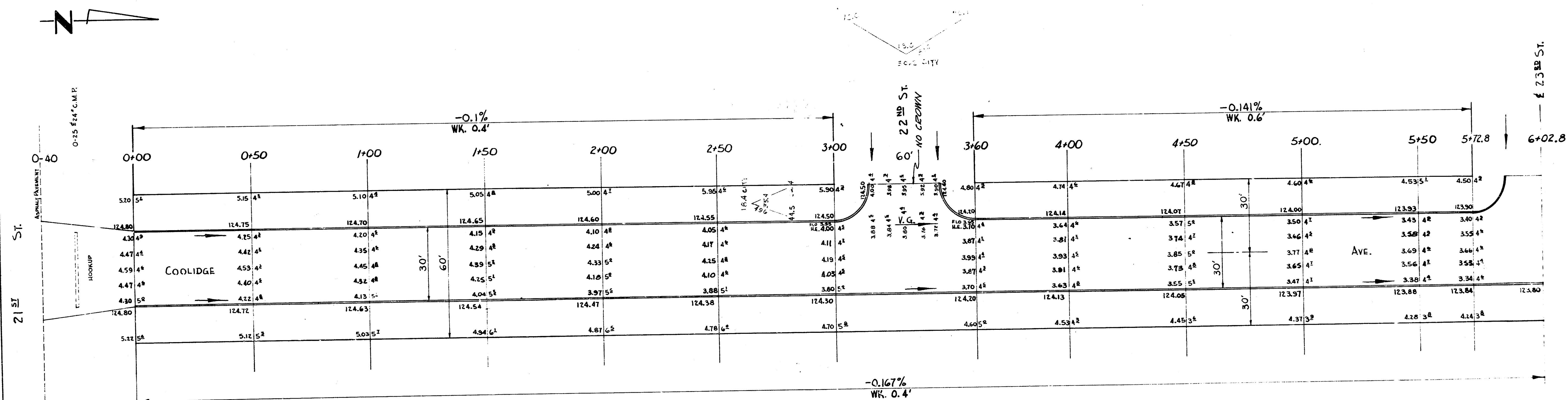
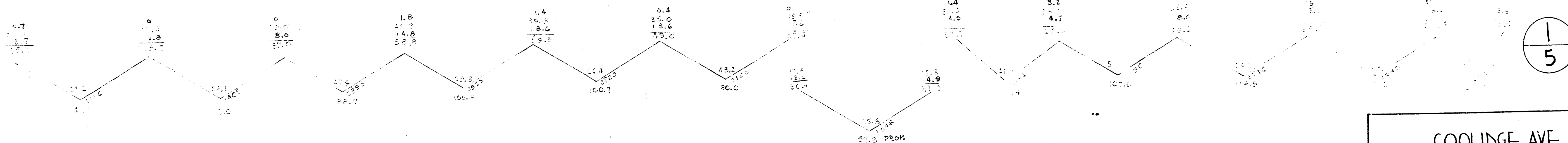


CHAIN N. ON W. 12

Peter



ASP. = 32.3 TONS
EXCAV. = 29.7 YD.


$$\frac{30+40}{2} \times 10 \times 0.23 \times \frac{140}{2000} = 32.3 \text{ Tons}$$

$$\frac{30+40}{2} \times 40 \times \frac{57.3}{77} = 29.7 \text{ GWT}$$

<u>GRAND TOTAL FILL</u>	
<u>PROP.</u>	<u>CITY</u>
468.4	0 Cu.Yd.
+10% 46.8	
<u>505.2</u>	
	Cu. Yd.

<u>GRAND TOTAL EXCAVATION</u>	
<u>PROP.</u>	<u>CITY</u>
2929.5	178.0
+10% 293.0	+10% 17.8
Total 3222.9 Cu.Yb.	Total 195.8 Cu.Yb.

COOLIDGE AVE.
N.L. 21ST - S.L. 25TH
30' CONC. & C.B.
CITY OF WICHITA, KANS.
B.E. SMITH CITY ENGINEER
MARCH, 1954 PROJ. NO. 63-167



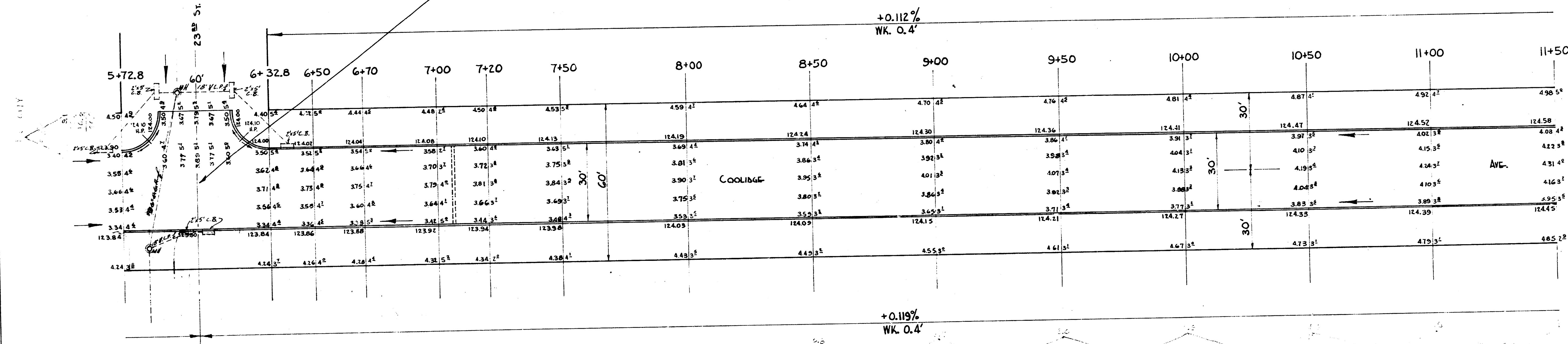
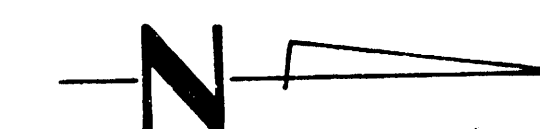
NOTE:
Driveway App. on Right or East are not a part of this
Contract. Curb Openings shall be left for future Drives.

FILL
CITY
0.24%

EX. 111
111
111

NOTE
FIELD ENGINEER & CONTRACTOR:
INTERSECTION OF 23RD & COOLIDGE MUST NOT BE
PAVED UNTIL STORM WATER SEWER IS INSTALLED.

7'00" ± 30' Loc. 12" Dia. C.M.P.



+0.112%
WK. 0.4'

+0.119%
WK. 0.4'

2
5

COOLIDGE AVE.
W.L. 21ST - S.L. 25TH
30' CONC. & CB.
CITY OF WICHITA, KANS.
B.E. SMITH CITY ENGINEER
MARCH, 1954 PROJ. NO. C-13-167

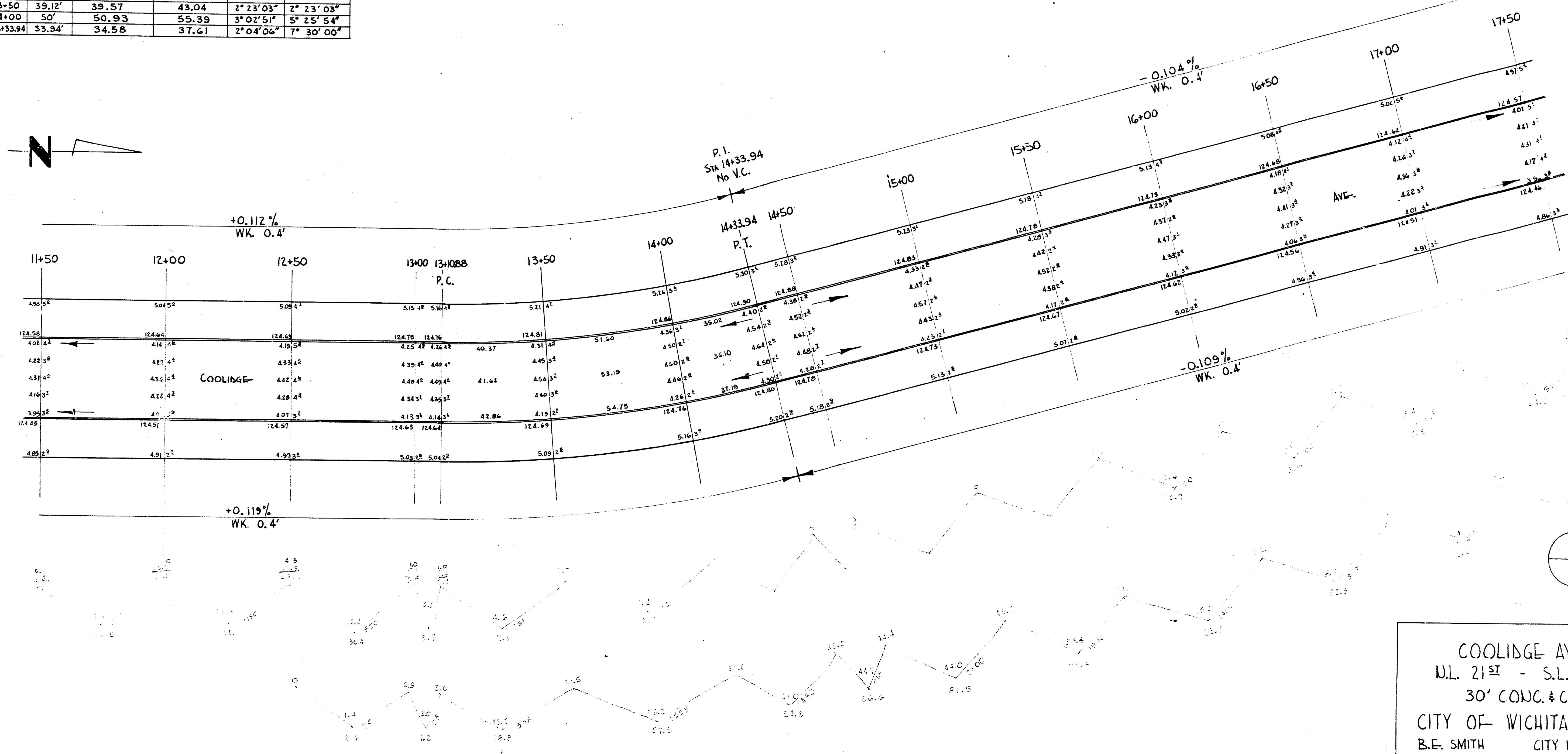
SHOW SEWER
IN J.E.Z.
PLAN

DATA FOR CURVE B.E.T. STA. 13+10.88 & STA. 14+33.94					
STA. ON W.P.L. $R=470'$ & $\Delta=15^{\circ}00'$					
STA.	ARC LENGTH	CHORD LENGTH	CHORD LENGTH ON DEFLECTION	TOTAL ANGLE	DEFLECTION
ON W.P.L.	CHORD LENGTH	CHORD LENGTH	CHORD LENGTH	ANGLE	DEFLECTION
13+10.88	39.12'	39.57'	43.04'	$2^{\circ}23'03''$	$2^{\circ}23'03''$
13+50	50'	50.93'	55.39'	$3^{\circ}02'51''$	$5^{\circ}25'54''$
14+33.94	53.94'	54.58'	57.61'	$2^{\circ}04'06''$	$7^{\circ}30'00''$

NOTE:
 Driveway App. on Right in East are not a part of this
 Contract. Curb Openings shall be left for future Drives.

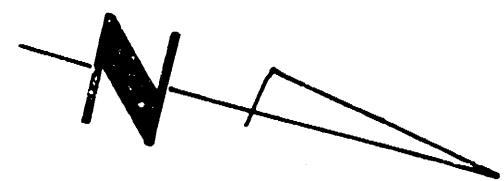
FILE
 PROP. CITY
 451.7 C.R.D. 6-24 Y.D.
 EXCAV.
 107.3 C.R.D. 6-24 Y.D.

Surveyor's Seal
 Plan JEZ
 Date JEZ



3
5

COOLIDGE AVE.
 N.L. 21ST - S.L. 25TH
 30' CONC. & CB.
 CITY OF WICHITA, KANS.
 B.E. SMITH CITY ENGINEER
 MARCH, 1954 PROJ. NO. C-13-167



NOTE

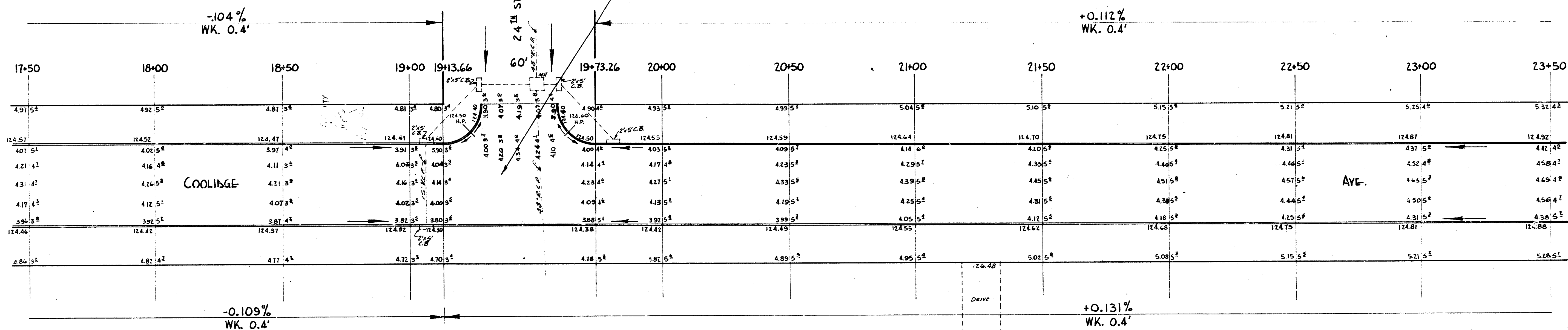
FIELD ENGINEER & CONTRACTOR:
INTERSECTION OF 24TH & COOLIDGE MUST NOT BE
PAVED UNTIL STORM WATER SEWER IS INSTALLED.

NOTE:

Driveway App. on Right or East are not a part of this
Contract. Curb Openings shall be left for future Drives.

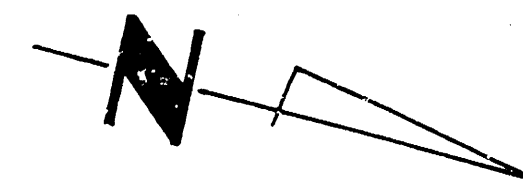
EXPLANATION
PERM. CONC. DRIVEWAY
CONC. DRIVEWAY

DRIVE & 16.00' DRIVE 60' W.
211.55' DRIVE 90' W.



4
5

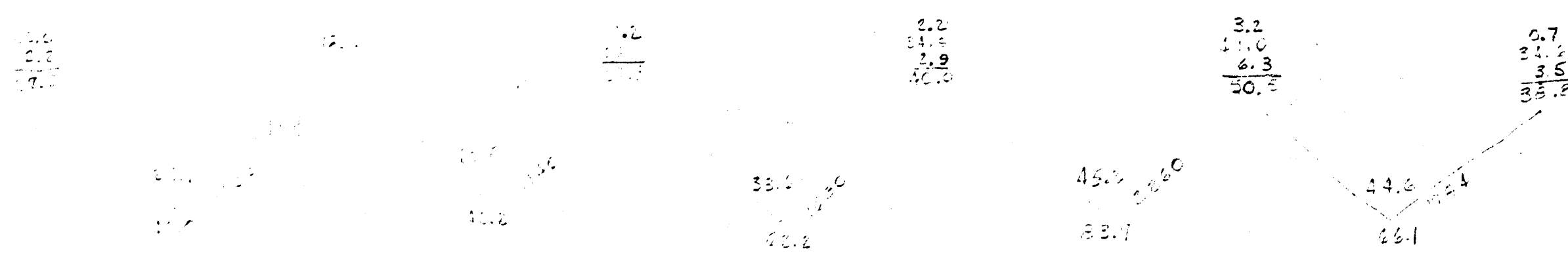
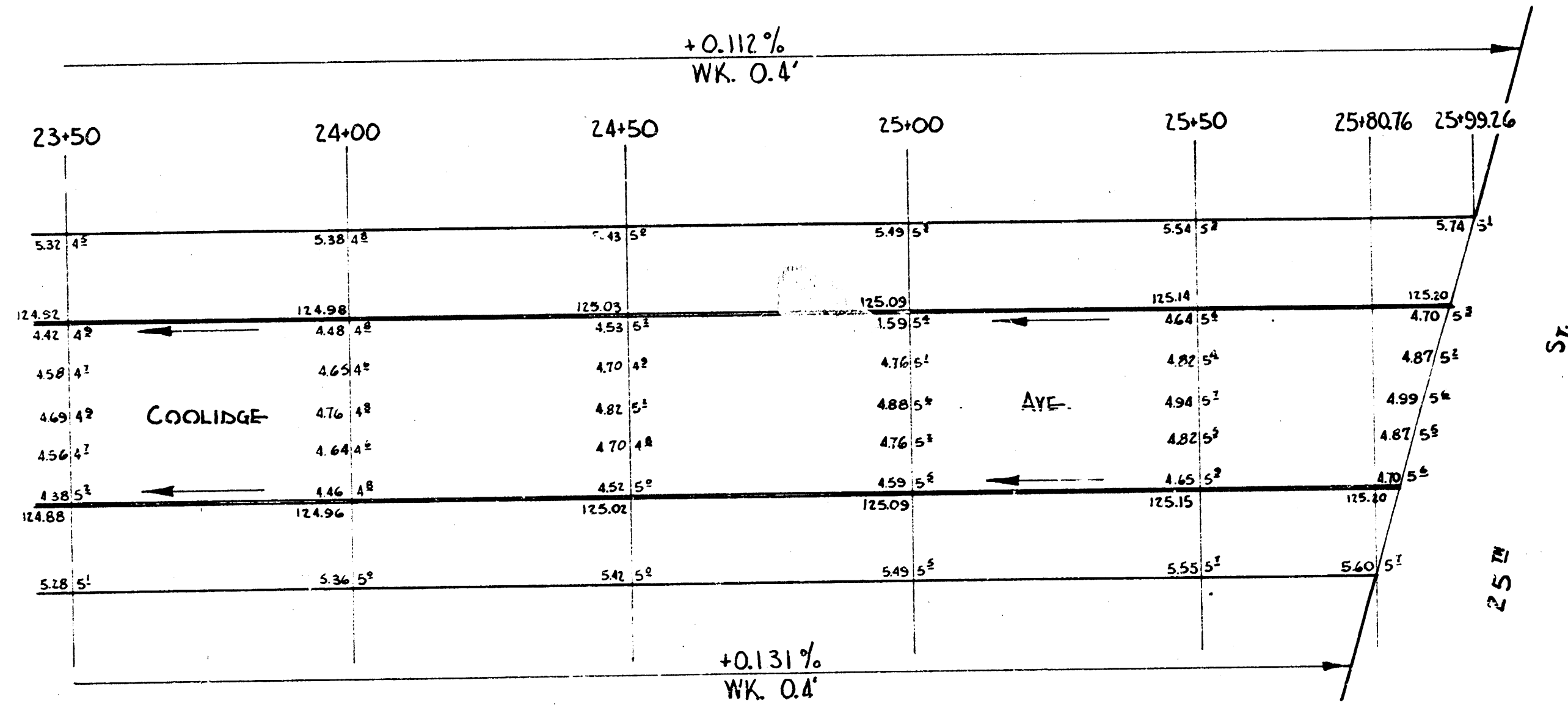
COOLIDGE AVE.
N.L. 21ST - S.L. 25TH
30' CONC. & CB.
CITY OF WICHITA, KANS.
B.E. SMITH CITY ENGINEER
MARCH, 1954 PROJ. NO. C-13-167



NOTE:
 Driveway App. on Right or East are not a part of this
 Contract. Curb Openings shall be left for future Drives.

EXCAY
 Prop. 2042
 2042 04/10 0 04/10

Sheet 5 of 4
 Plan 102
 102
 102



5
5

COOLIDGE AVE.
 D.L. 21ST - S.L. 25TH
 30' CONC. & CB.
 CITY OF WICHITA, KANS.
 B.E. SMITH CITY ENGINEER
 MARCH, 1954 PROJ. NO. C-13-167