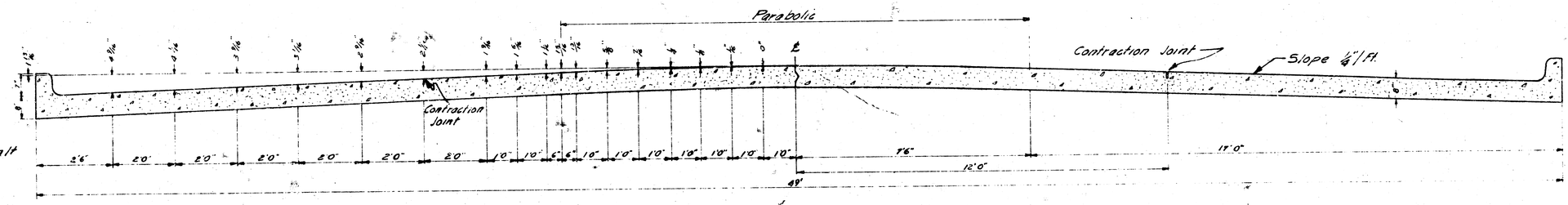
THIRTEENTH STREET

FROM W.L. BITTING AVE. TO (RT.) BANK LITTLE ARKANSAS RIVER

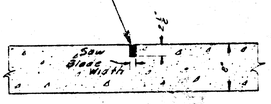
B.E. SMITH CITY ENGINEER CITY OF WICHITA KANSAS

PROJECT NO. C 15 - 53



TYPICAL SECTION

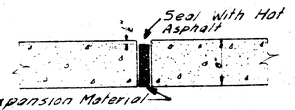
No Scale



CONTRACTION JOINT

No Scale

To Be Used At 30' Intervals Except Where An Expansion Joint Is Used



EXPANSION JOINT

No Scale

To Be Used At 120' Intervals

STEEL PATTERN

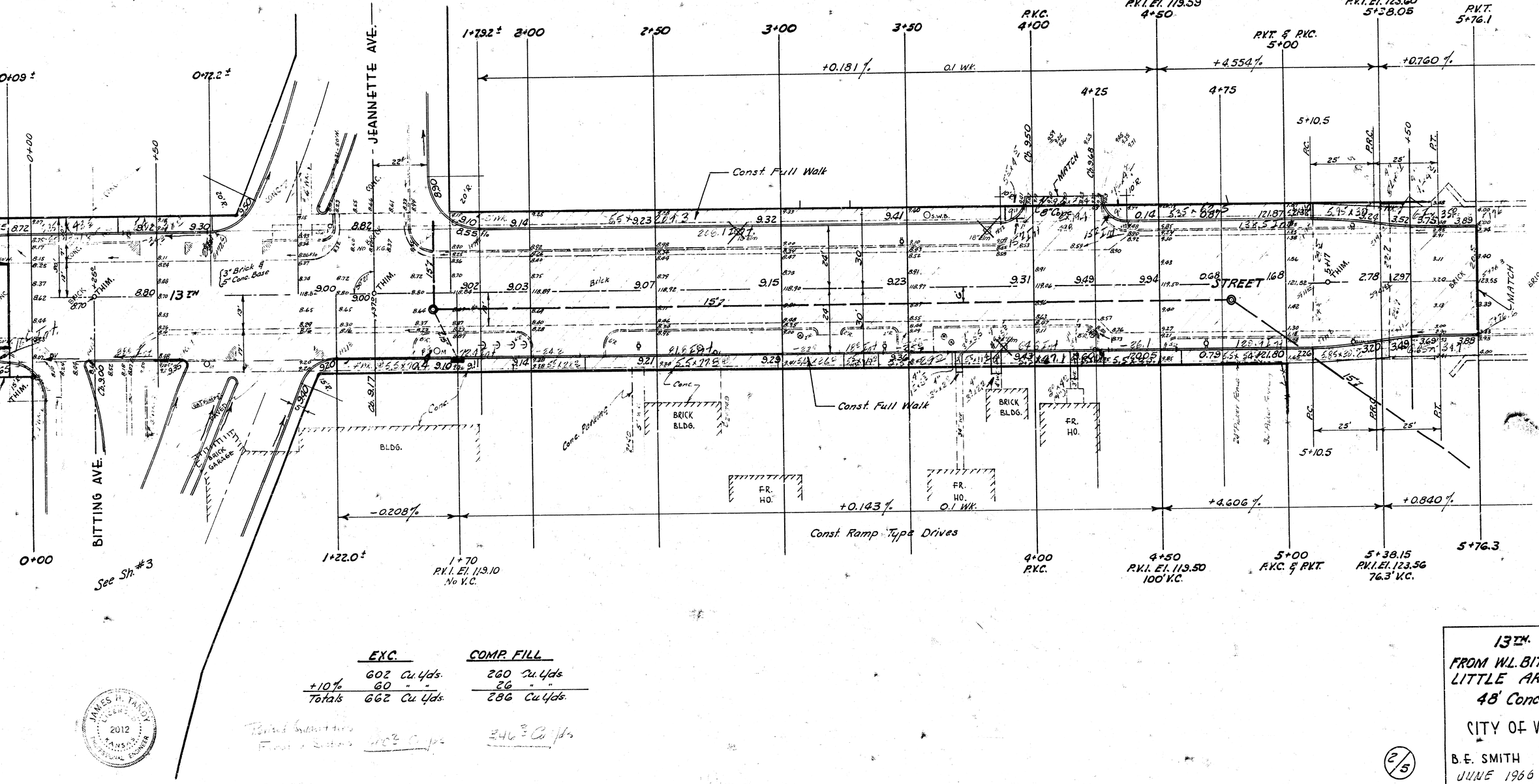
No Scale

Use 3/4" ø Bars Unless Otherwise Specified

JOHN L. ALLEN LICENSED 821 KANSAS PROFESSIONAL ENGINEER

1/5

B.M. 124.01 W. Cor. N.W. Wing 13th. St Bridge (Minisa)
B.M. 118.93 "G" in Globe, E. Cb. Jeanette, N.L. 13th. (PARKER)
BASELINES ON N. & S. PROP. LINES.



	EXC.	COMP. FILL
	602 Cu. Yds.	260 Cu. Yds.
+10%	60 " "	26 " "
Totals	662 Cu. Yds.	286 Cu. Yds.

Revised Quantities
Excl. Curbs — 662 Cu. Yds
346 Cu. Yds

JAMES H. TANOY LICENSED KANSAS PROFESSIONAL ENGINEER 2012

13TH. STREET

FROM W.L. BITTING AVE. to (R.R.) Bdg.
LITTLE ARKANSAS RIVER
48' Conc. & Int. Curb

CITY OF WICHITA, KANSAS

B.E. SMITH, CITY ENGINEER
JUNE 1966
PROJ. NO. C15-53

2/5

B.M. 120.39 N.W. corner bottom conc. step Ho. # 1320 Bitting

B.M. 124.01 W. cor. of N.W. Wing to 13th Street Bridge (Minisa Br.)

B.M. 119.68 "X" cut E. side of metal post at S.E. cor. I.G.A. Store on N.W. cor. 13th & Jeannette.

B.M. 118.93 "G" in Globe top E. curb Jeannette St on N.L. 13th Street.

Base Line for Curve Data is 3.0' offset (east) Face (Rt) Curb

Station	Point	Alignment	Deflection	Chord	Arc
3+[illegible]5	P.T.	Δ = 42°30'	21° 15'	26.54'	26.39'
3+50		R = 124.00'	15° 09' 13"	25.58'	25.62'
3+25		T = 48.22'	9° 14' 04"	25.58'	25.62'
3+00		L = 91.98'	3° 18' 55"	14.34'	14.35'
2+86	P.C.				

N

Scale: 1" = 20'

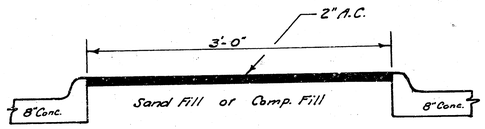
Base Line for Curve Data is 5.0' Offset Face (Lt.) Curb

Station	Point	Alignment	Deflection	Chord	Arc
1+83.16	P.T.	Δ = 26°00'	13° 00'	22.80	22.80
1+60		R = 321.50'	10° 58' 06"	24.60'	24.61
1+35		T = 74.22'	8° 46' 32"	24.61'	24.62
1+10		L = 145.89'	6° 34' 54"	24.61'	24.62
0+85			4° 23' 16"	24.61'	24.62
0+60			2° 11' 38"	24.61'	24.62
0+35	P.C.				

Sta. 0+50 is 350' South of & 13th Street & Bitting.

Base Line for Curve Data is 5.0' offset Face (Rt.) Curb

Station	Point	Alignment	Deflection	Chord	Arc
2+64.86	P.T.	Δ = 23°00'	11° 30'	14.59'	14.59'
2+50		R = 277.40'	9° 59' 37"	24.55'	24.56'
2+25		T = 56.44'	7° 27' 26"	24.55'	24.56'
2+00		L = 111.36'	4° 55' 15"	24.55'	24.56'
1+75			2° 23' 04"	23.08'	23.09'
1+51.5	P.C.				



TRAFFIC MEDIAL DETAIL

No Scale:

13TH STREET

FROM W.L. BITTING to (Rt.) Bank of LITTLE ARKANSAS RIVER

Project No. C 15-53

3/5

120
5+60.5

120
5+00

120
4+50

120
4+00

120
3+50

120
3+00

120
2+50

120
2+00

120
1+792

120
1+59

120
1+37

120
1+00

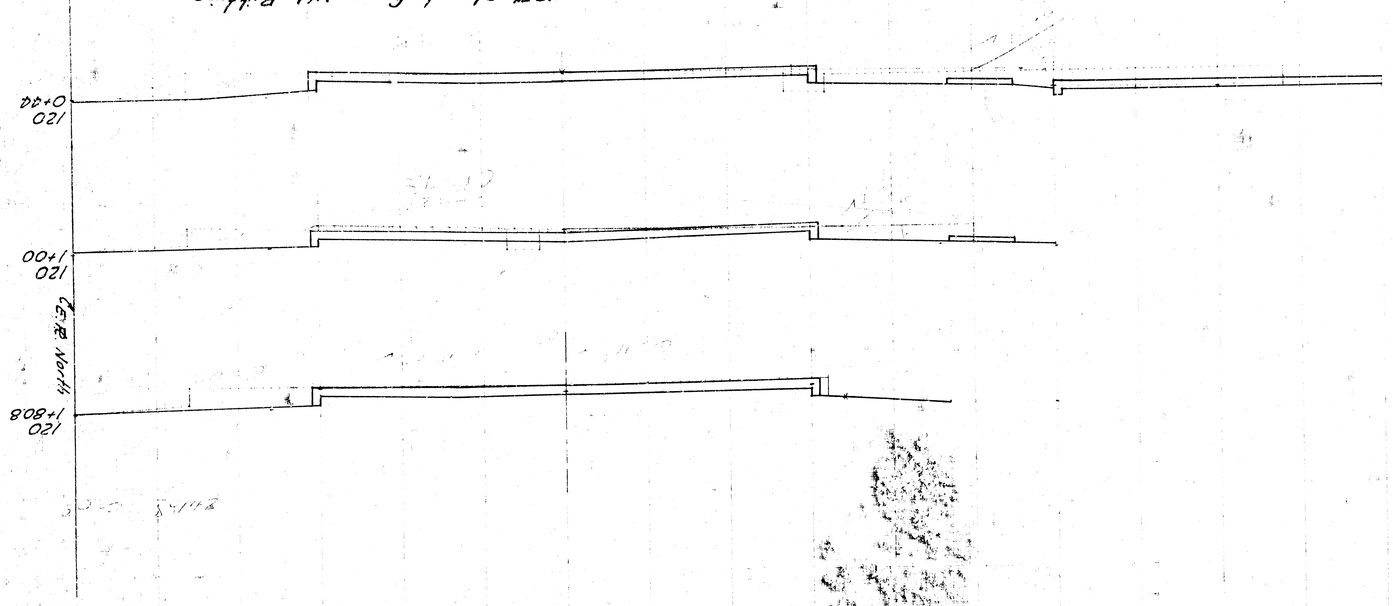
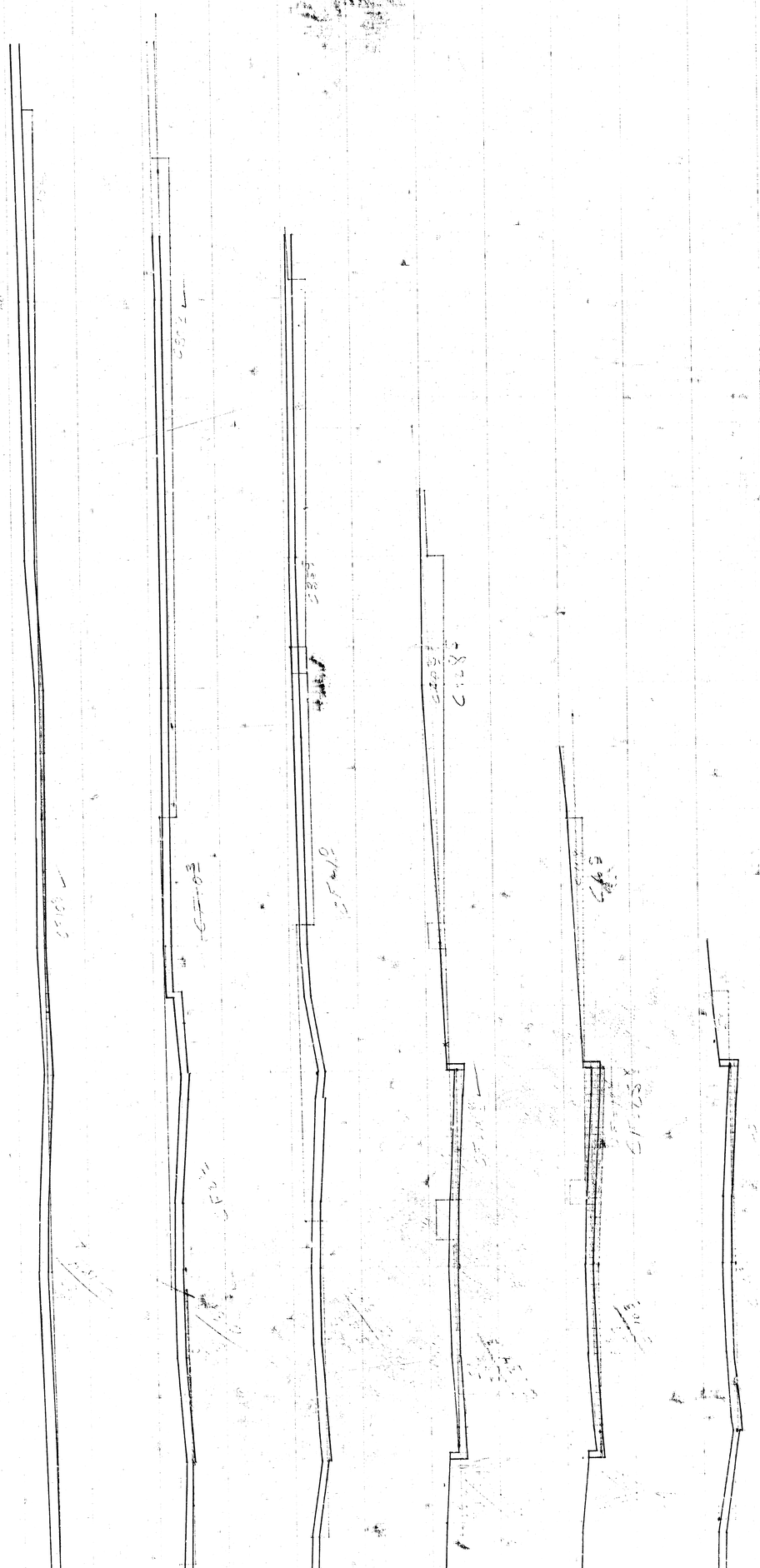
120
0+50

120
0+00

13TH Street from W.L. Bitting
to (Rt.) Bank Little Arkansas River

C 15-53

13th Street From W.L. Bilfling
to (RR) Bank Lihhle Akaniss River

C 15-53

(5/5)