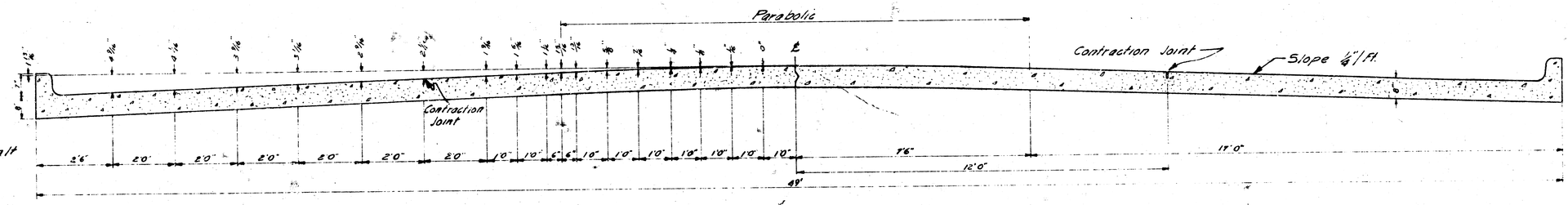
# THIRTEENTH STREET

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

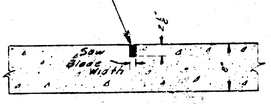
B.E. SMITH CITY ENGINEER CITY OF WICHITA KANSAS

PROJECT NO. C 15 - 53




TYPICAL SECTION

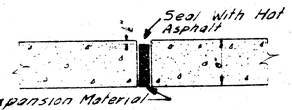
No Scale




CONTRACTION JOINT

No Scale

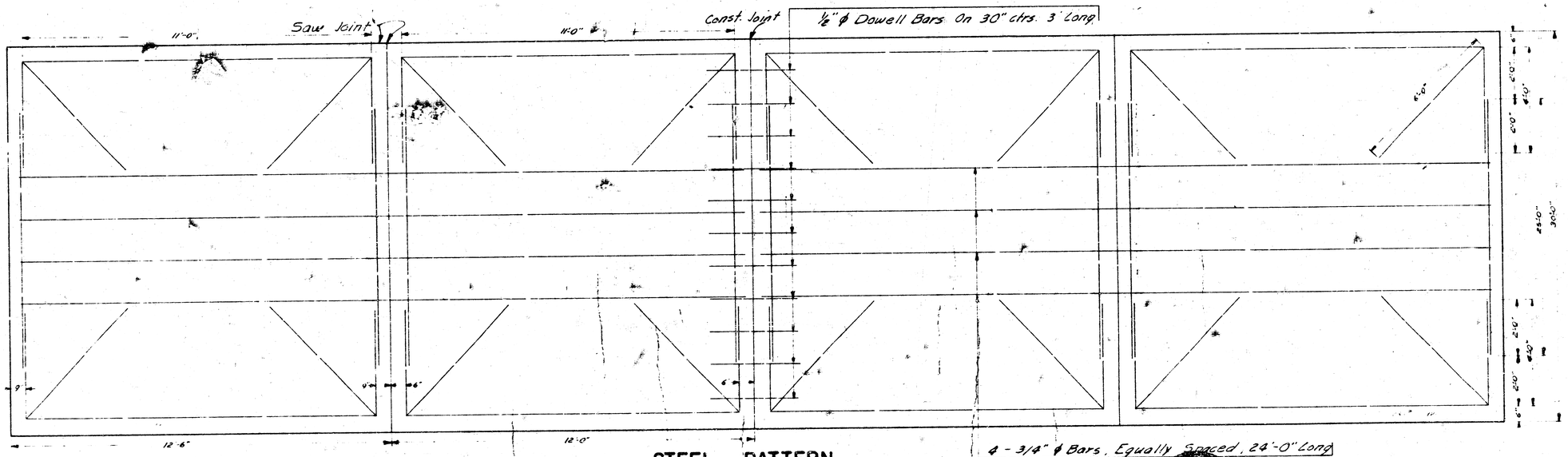
To Be Used At 30' Intervals Except Where An Expansion Joint Is Used




EXPANSION JOINT

No Scale

To Be Used At 120' Intervals




STEEL PATTERN

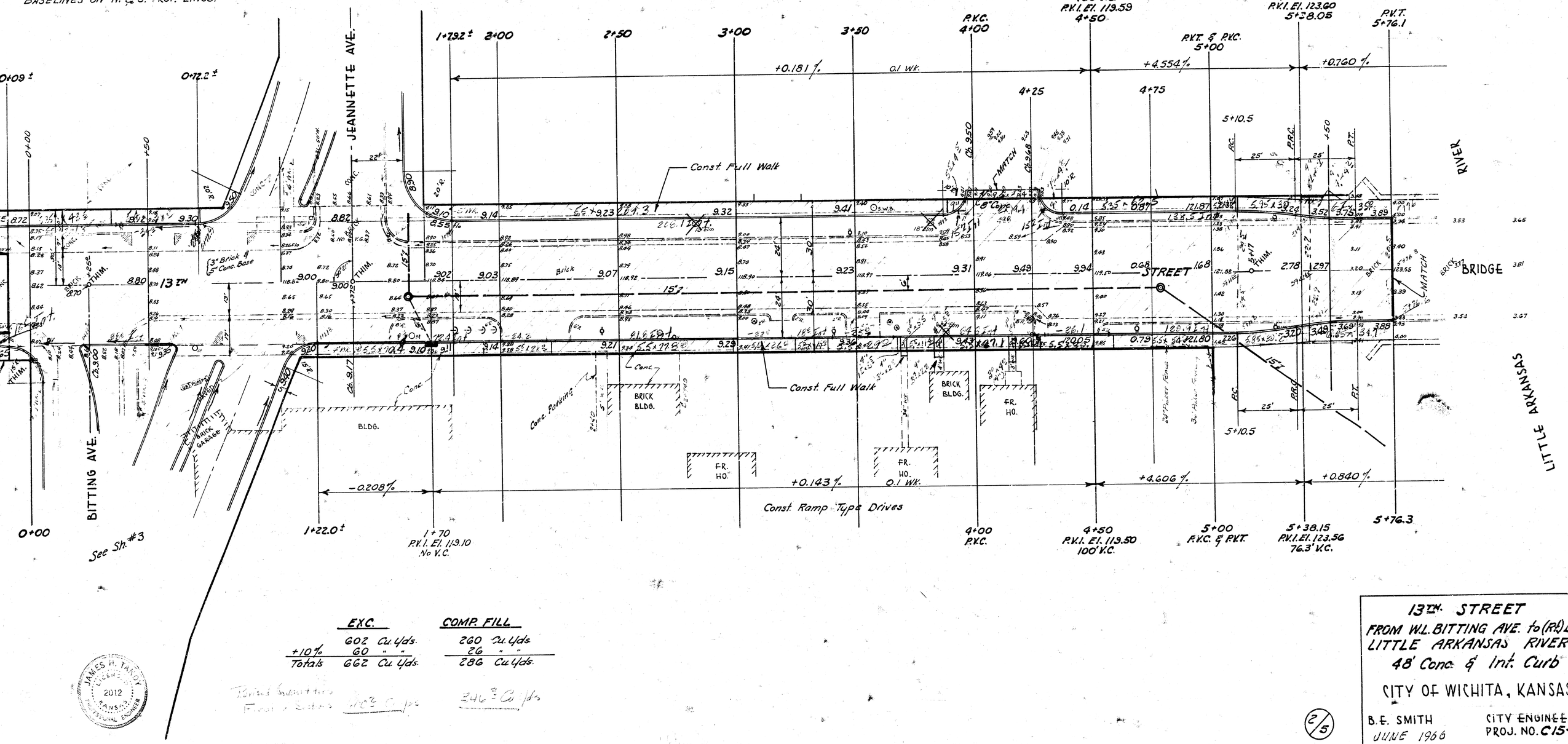
No Scale

Use 3/4" ϕ 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/) Bo
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]75 | 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. | | | | |

Scale: 1" = 20'

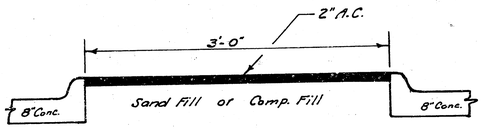
Base Line for Curve Data is 5.0' Offset Face (Lt.) Curb

| 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

C 15-53

13th Street from W.L. Bilfling
to (RR) Bank Little Akaniss River

