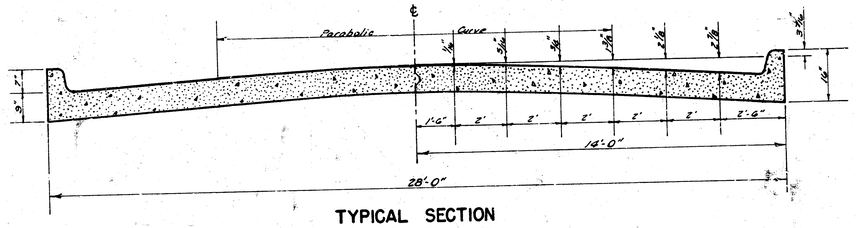
NORTH WICHITA THRUWAY -SOUTH HALF-

FROM E.L. BULLINGER DRIVE TO W.L. AMIDON AVENUE

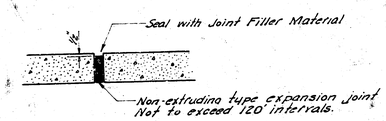
B.E. SMITH CITY ENGINEER CITY OF WICHITA KANSAS

PROJECT NO. C18-3



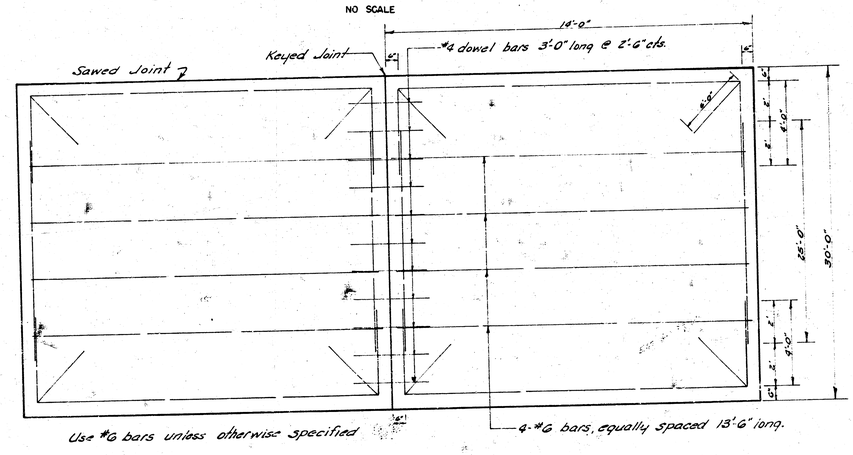
TYPICAL SECTION

NO SCALE



EXPANSION JOINT

NO SCALE



STEEL PATTERN

NO SCALE

1/13

B.M. 128.62 'G' in Globe top curb @ N. end of 15' Rad. on N.W. Cor. 25th & Bullinger N.

B.M. 128.00 R.R. Spike N. side P. Pole ctr. 25th St. & ctr. Edwards N.

N

Scale: 1" = 20'

NOTE:

Right-of-way is to be cleared the minimum distance back from curb for pavement construction. Grade parkings as shown on X-Sections. (min. grading)

BULLINGER

EDWARDS

25TH STREET

1+64.73

1+64.7

5+36.33

5+36.33(P)

6+50

-0.151 ft.

-0.188 ft.

-0.149 ft.

375.1 Int.

222.3 Int.

Grade 50' back up & surface with road gravel.

NOTE:

All excavated material is to be delivered to the Little Arkansas River bank along the south side of 13th Street, east of N. River Blvd. Cost of haul is to be included in the bid price per Cu.Yd. Excavation.

EXCAVATION	COMP. FILL
6654 Cu.Yds.	52 Cu.Yds.
+10% 665 " "	5 " "
Totals 7319 Cu.Yds.	57 Cu.Yds.

NOTE TO FIELD ENGINEER:

Take X-Sections from Athenian to Amidon after the asphalt surface is removed.

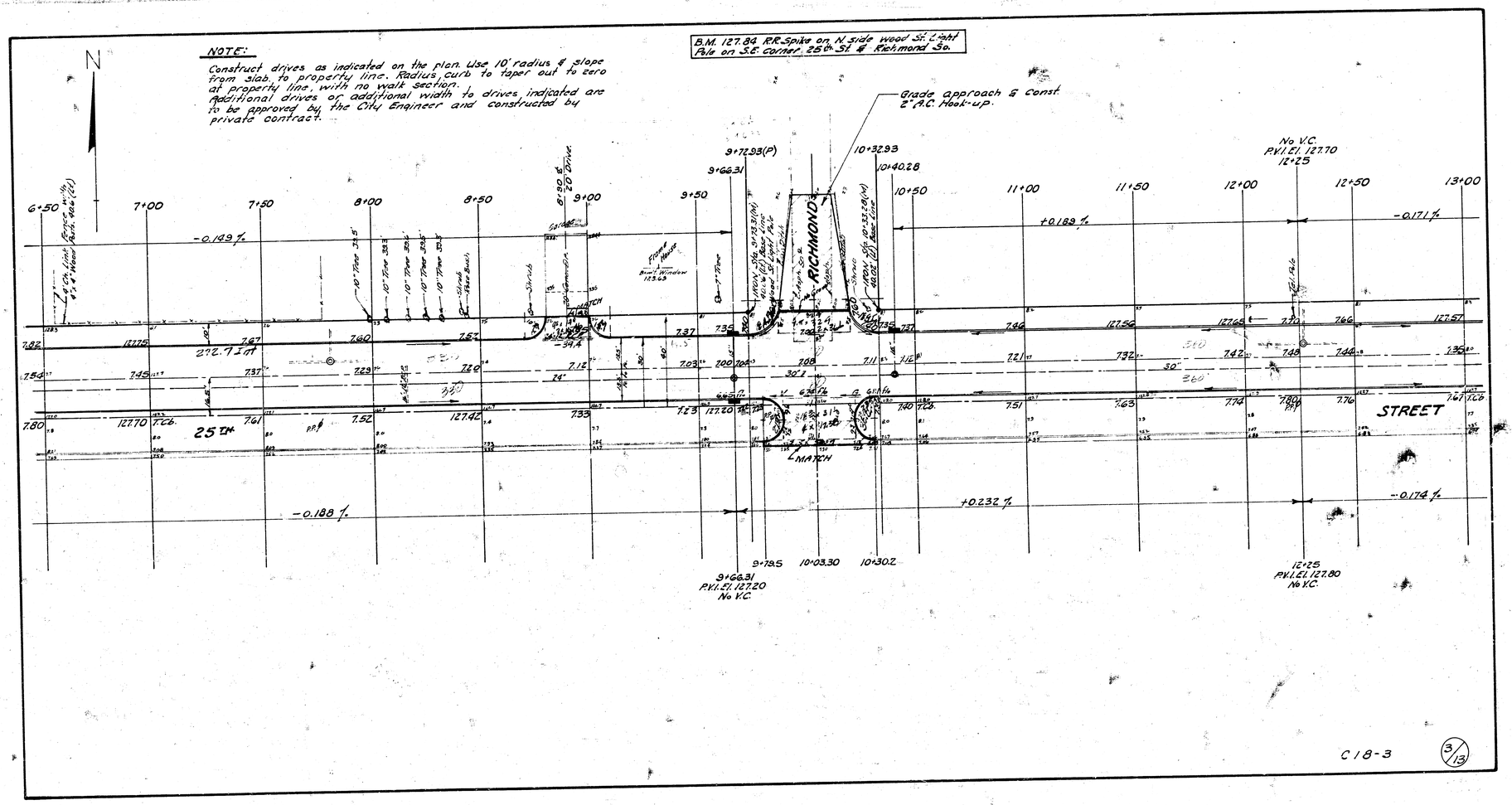
JOHN L. ALLEN LICENSED 821 KANSAS PROFESSIONAL ENGINEER

H. W. LIEB LICENSED 3634 KANSAS PROFESSIONAL ENGINEER

B. E. SMITH LICENSED 436 KANSAS PROFESSIONAL ENGINEER

2/13

NORTH WICHITA THRUWAY (So. Half.)
From E.L. BULLINGER DR. to W.L. AMIDON AVE.
27'-9" Conc. & Int. Curb
B.E. SMITH CITY ENGINEER
CITY OF WICHITA, KANSAS
Date: July 1968
Project No. C-18-3


NOTE:
Construct drives as indicated on the plan. Use 10' radius & slope from slab to property line. Radius, curb to taper out to zero at property line, with no walk section. Additional drives of additional width to drives indicated are to be approved by the City Engineer and constructed by private contract.
B.M. 127.84 R.R. Spike on N. side wood St. Light Pole on S.E. corner 25th St. & Richmond So.
Grade approach & Const. 2" A.C. Hook-up.
No V.C.
P.V.I. El. 127.70
12+25
RICHMOND
STREET
25TH
-0.149 %
+0.189 %
-0.171 %
-0.188 %
+0.232 %
-0.174 %
9+66.31
P.V.I. El. 127.20
No V.C.
9+79.5
10+03.30
10+30.2
12+25
P.V.I. El. 127.80
No V.C.
C 18-3
3/13

REFERENCE POINTS to "X" on ctr. of Stone Sta. 14+50.47(M) & 25th & Meridian
1. 26.71' E.S.E. to Nail in bottle cap on S.W. Side P. Pole.
2. 56.18' S. to Lot Corner Iron on S.L. 25th Street.
3. 43.48 N.W. to Nail in bottle cap on S.W. Side P. Pole.

B.M. 129.21 Top 1" Bolt on S.W. Corner Mobil Sign Base & N.E. cor. 25th & Meridian N.

N

Grade 35' Hook-up & Surface with road gravel, Remove 3½" of drive & replace to new elevation with 2" A.C.

Mobil Station

14+09.53(P) +19.62 14+49.62 14+89.53(P) +79.62

13+00 13+50 14+00 15+00 15+50 16+00 16+50 17+00 17+50 18+00 18+50 19+00 19+50

-0.171 %

-0.163 %

MERIDIAN

IRON N0.33(M) 40.12(C)

Tel. Pole

Cat. Direct

Asph.

No Crown

NOTE: Gas Service 4" H.P. Gas line 6' West of the East R.

MATCH.

NOTE: Gas Service 4" H.P. Gas line 10' South of North R.

PRIVATE CONTRACT 127.29

-48.9

31.3 Int

127.02

126.96

126.71

126.54

6.88 6.80 6.63

6.57 6.48 6.40 6.31

6.65

341.5 Int

367.0 Int

966.3 Int

30'Z

7.57 127.49 127.40 7.50 7.37 7.35 7.26 7.18 7.16 7.11 7.07 6.99 6.90 6.82 6.73

7.67 7.58 7.50 7.46 7.36 7.32 T.Cb. 7.23 127.15 7.06 126.97 6.89 6.80 6.71 6.63 126.54

25 TH.

STREET

Remove Gutter & Const. 61' of Comb. Curb & Gutter.

-0.174 %

M 18-3

4/13

B.M. 126.64 R.R. Spike N. side wood St. Light Pole on S.W. corner 25th & Halstead S.E.

B.M. 125.43 "a" cut top N. curb 25th. (South ½) & E.L. Athenian North.

N

Grade Approach & Const. 2" Asphalt Hook-up.

Grade Approach & Const. 2" Asphalt Hook-up.

19+50 (P) 19+71.7± 20+37.5± 20+50 21+00 21+50 22+00 22+50 23+00 23+50 24+00 24+22.09 24+30.26(P) +59.06 24+30.26(P) 25+00 25+50 26+00

HALSTEAD

ATHENIAN

STREET

25TH.

-0.169 %

+0.218 %

-0.174 %

+0.283 %

-0.166 %

+0.232 %

NOTE: 6"ø Service 4" I. P. Steel gas line 10' South of the North

19+71.7 P.V.I. El. 126.50 No V.C.

19+38.5

20+60.0 P.V.I. El. 126.75 No V.C.

24+52 P.V.I. El. 126.10 No V.C.

NOTE:
Use extreme caution when working near 48" water pipe. Bottom of pavement is very close to top of water pipe. All work to be performed so as to work away from the water pipe. NO EQUIPMENT TO CROSS WATER PIPE FOR ANY REASON.

C 18-3

5/13

B.M. 124.87 R.R. Spike N. side wood street light pole on S.E. Cor. 25th & Clarence St.

N

Grade approach & Const. 2" Asphalt Hook-up

No V.C.
P.V.I. El. 127.15
28+40

29+27.77(P) +56.50 29+87.77(P)

26+00 26+50 27+00 27+50 28+00 28+50 29+00 30+00 30+50 31+00 31+50 32+00 32+50

+0.218 %

-0.636 %

-0.244 %

+0.232 %

-0.312 %

Double 3" Tree
10" Tree
4" Tree
13" Tree
15" Tree
8" Tree
11" Tree
15" Tree
Box 16" Pine Hedge 33.7' (Lt.)
Cedar Bush
Cedar Bush
18' Drive.
8" Wood Pole / Fence 90.8' (Lt.)
Iron Pin 23.4 (R) 33.8' (Lt.)
CLARENCE
St. Light Ass't
Iron Pin 23.4 (R) 33.8' (Lt.)
Const 29° 45' 00" (R) 33.34' (Lt.)
22' Curb Cut Drive
30.77 ℄ 18' Drive
4" Curb
4" Curb
2 Trees
3 Trees 38.3' (Lt.)
Double 3" Tree
6" Tree
6" Tree
3 Trees 38.8' (Lt.)
3 Trees 38.3' (Lt.)
13.3' Tel. ℄ Marion Olive Tree.
38.5' Tel. ℄ 12.5' (Rt.)
Double 3" & 4" Tree 38.1' (Lt.)
Double 4" Tree 38.2' (Lt.)
4" Berry W. Wire 38.3' (Lt.)
4" Wood W. Wire 38.3' (Lt.)
8" Wood Pole / Fence 38.5' (Lt.)
12" Poplar Tree

NOTE:
Gas Service 4" M.P. Steel gas line 10' South of the North 12.

333.3 L.ft.
71.5 L.ft.
650.2 L.ft.
330.4 L.ft.

25 M.P.H.

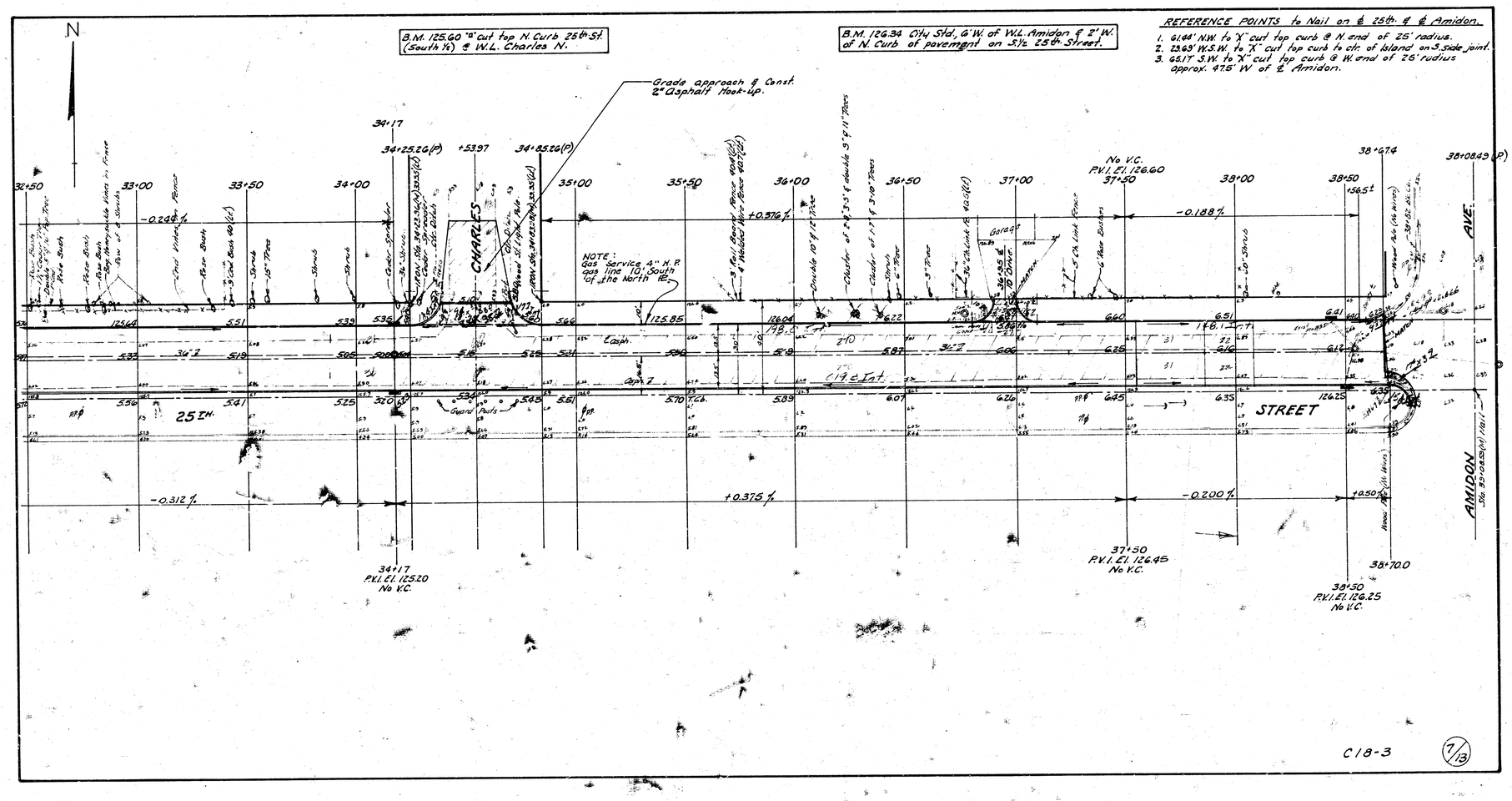
STREET

SAW & MATCH H.E.
Const. 50' Comb. Curb & Gutter.

28+40
P.V.I. El. 127.00
No V.C.

C18-3

6/13


N
B.M. 125.60 "a" cut top N. Curb 25th St. (South Y's) @ W.L. Charles N.
B.M. 126.34 City Std, 6'W. of W.L. Amidon & 2'N. of N. Curb of pavement on S.½ 25th. Street.
REFERENCE POINTS to Nail on ℄ 25th. & ℄ Amidon.
1. 61.94' N.W. to X" cut top curb @ N. end of 25' radius.
2. 23.69' W.S.W. to X" cut top curb to ctr. of Island on S. side joint.
3. 65.17' S.W. to X" cut top curb @ W. end of 25' radius approx. 47.5' W of ℄ Amidon.
Grade approach & Const. 2" Asphalt Hook-Up.
CHARLES
AMIDON
AVE.
STREET
25 IN.
NOTE: Gas Service 4" H.P. Gas line 10' South of the North ℄
No V.C. P.V.I. El. 126.60
-0.294 %
+0.376 %
-0.188 %
-0.312 %
+0.375 %
-0.200 %
+0.50 %
34+17 P.V.I. El. 125.20 No V.C.
37+50 P.V.I. El. 126.45 No V.C.
38+50 P.V.I. El. 126.25 No V.C.
Guard Posts
Catch.
C.I. 2 In.
T.C.B.
Head Wall (As Noted)
C18-3
7/13