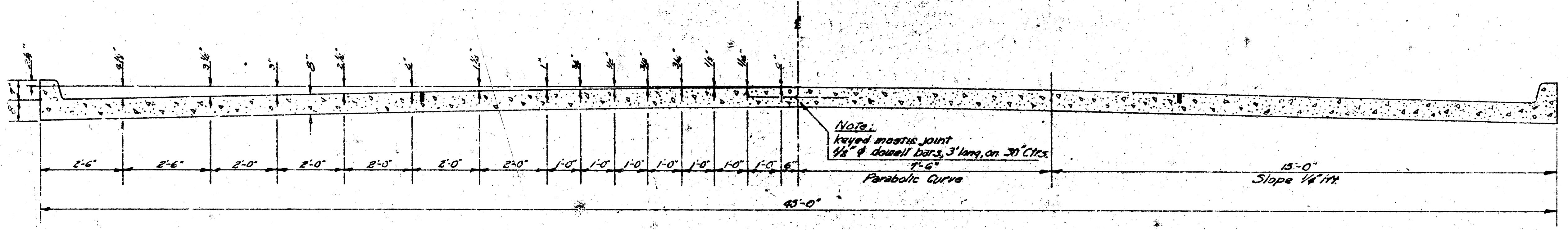
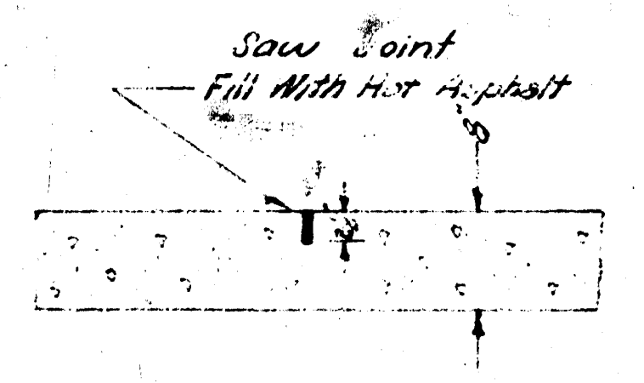
31ST ST. SO.

WL SOUTH LAWRENCE ROAD TO EL BROADWAY

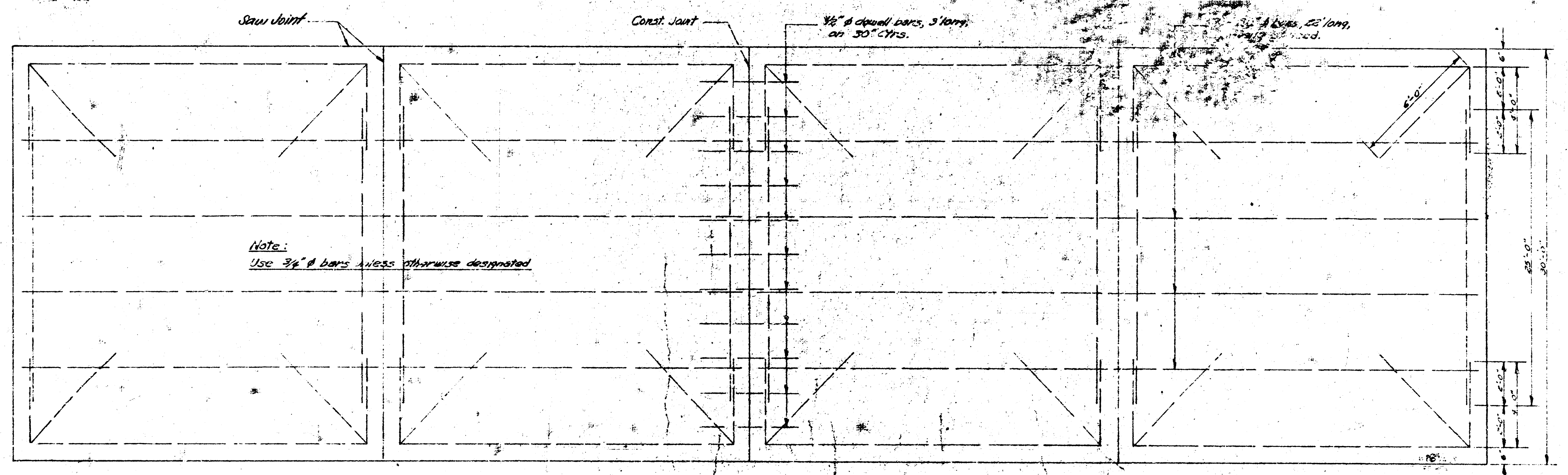
PROJECT NO. C19-17


Note:
keyed mastic joint
1/2" φ dowell bars, 3' long, on 30" Ctrs.
2'-6"
2'-6"
2'-0"
2'-0"
2'-0"
2'-0"
2'-0"
1'-0"
1'-0"
1'-0"
1'-0"
1'-0"
1'-0"
1'-0"
6"
7'-6"
Parabolic Curve
15'-0"
Slope 1/4" Ft.
45'-0"

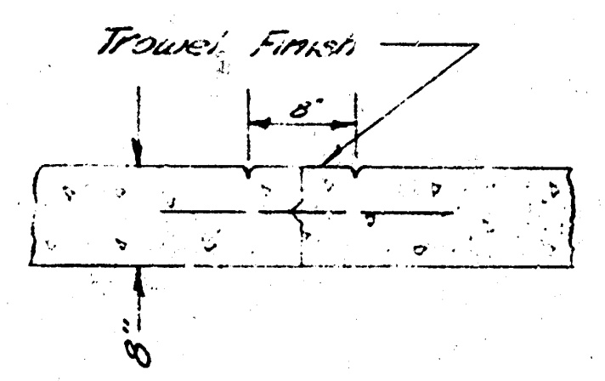
TYPICAL SECTION
NO SCALE


Saw Joint
Fill With Hot Asphalt

TRANSVERSE & LONGITUDINAL JOINT DETAIL
NO SCALE


Saw Joint
Const. Joint
1/2" φ dowell bars, 3' long, on 30" Ctrs.
3/4" φ bars, 22' long,
6'-0"
6"
5'-0"
9'-0"
25'-0"
30'-0"
12"
Note:
Use 3/4" φ bars unless otherwise designated

STEEL PATTERN
NO SCALE


Trowel Finish
8"
8"

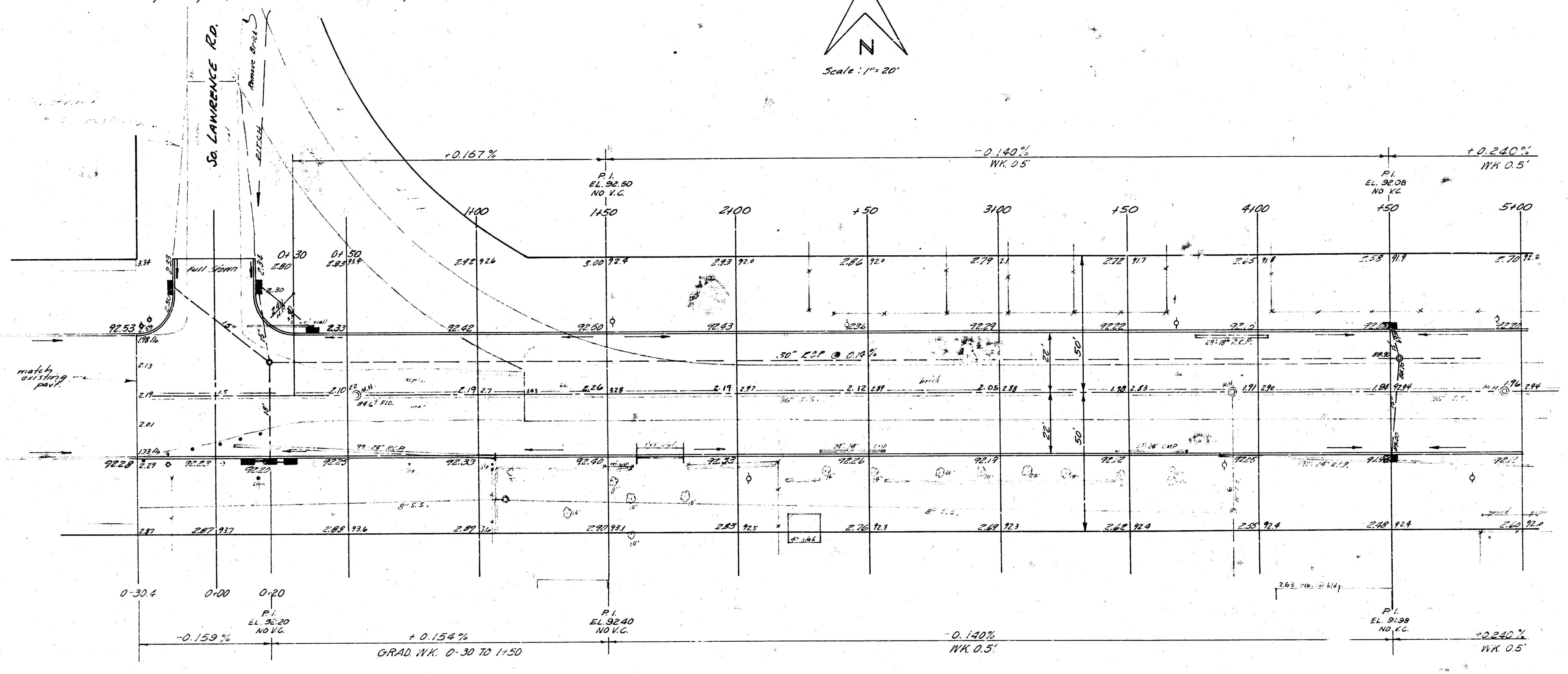
C.L. MARKER DETAIL
NO SCALE

NOTE -

WHERE CURBS IN THE SAME SECTION ARE AT DIFFERENT ELEVATIONS USE ELEVATION SHOWN ON PLAN FOR CONSTRUCTION JOINT.

436

B.M. 94.37 'x' on S.E. Cor. Conc. Step @ Sportsmans Club N.W. Cor. 31st & Old Lawrence Rd.
B.M. 93.67 '□' cut on S.W. Cor. Signal Light Base N.W. Cor. 31st & Broadway


N
Scale: 1" = 20'
So. LAWRENCE RD.
Remove Brick
DITCH
full form
match existing pav't.
+0.167%
P.I. EL. 92.50 NO V.C.
-0.140% WK. 0.5'
P.I. EL. 92.08 NO V.C.
+0.240% WK. 0.5'
1+00
1+50
2+00
+50
3+00
+50
4+00
+50
5+00
0-30.4
0+00
0+20
01 30
01 50
30" RCP @ 0.19%
brick
22'
50'
P.I. EL. 92.20 NO V.C.
-0.159%
+0.154%
GRAD. WK. 0-30 TO 1+50
P.I. EL. 92.40 NO V.C.
-0.140% WK. 0.5'
P.I. EL. 91.98 NO V.C.
+0.240% WK. 0.5'

EARTHWORK QUANTITIES

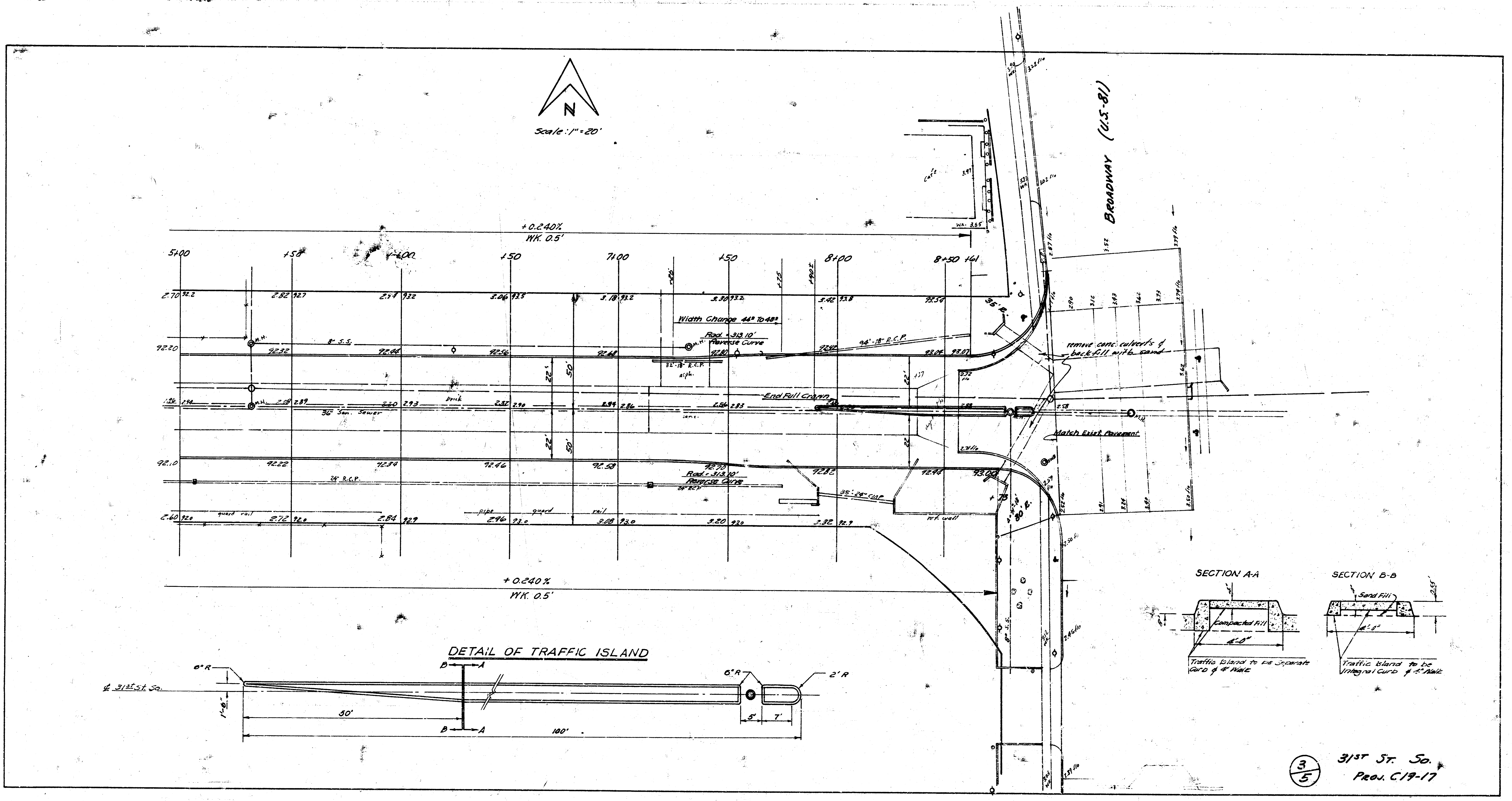
Exc.	2071^{3}	Comp. Fill	485^{2}
+10%	207^{1}	+10%	48^{5}
	2278^{4} C.Y.		533^{5} C.Y.

JAMES H. TARDY
2012
KANSAS

31ST ST. SO.

W.L. SOUTH LAWRENCE RD. TO E.L. BROADWAY
44' Conc. & Cb., 8" Thick
CITY OF WICHITA, KANSAS
B.E. SMITH - CITY ENGINEER
APRI. 1960 PROJ. C19-17

2/5


N
Scale: 1" = 20'
BROADWAY (U.S.-81)
+0.240%
WK. 0.5'
5+00
+50
6+00
+50
7+00
+50
8+00
8+50 +61
Width Change 44' To 48'
Rad. = 313.10'
Reverse Curve
94'-18" R.C.P.
32'-18" R.C.P.
asph.
M.H.
8" S.S.
36" San. Sewer
End Full Crown
35' R.
remove conc. culverts & backfill with sand
Match Exist Pavement
24" R.C.P.
35'-24" CMP
ret. wall
30' R.
guard rail
pipe
22'
50'
Cafe
WK. 3.55
DETAIL OF TRAFFIC ISLAND
℄ 31st St. So.
6" R
2' R
1'-0"
50'
100'
5'
7'
SECTION A-A
Compacted Fill
4'-0"
Traffic Island to be Separate Curb & 4" Walk
SECTION B-B
Sand Fill
Traffic Island to be Integral Curb & 4" Walk

3/5

31ST ST. SO.
PROJ. C19-17