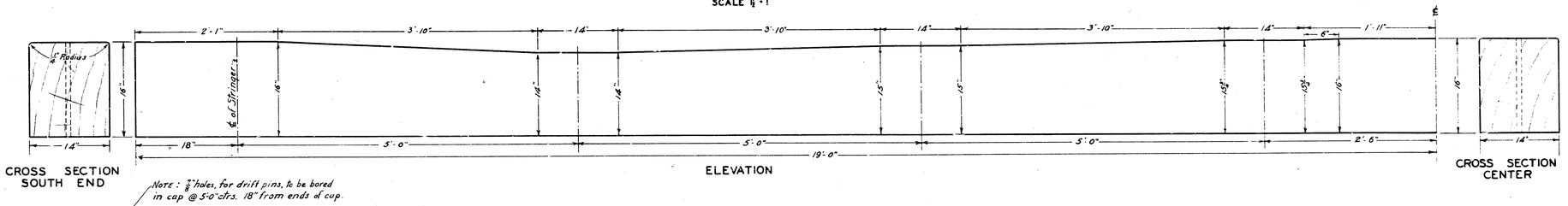
DETAIL OF CAP

18TH ST. BRIDGE ARKANSAS RIVER

SCALE 1" = 1'

WICHITA, KANSAS

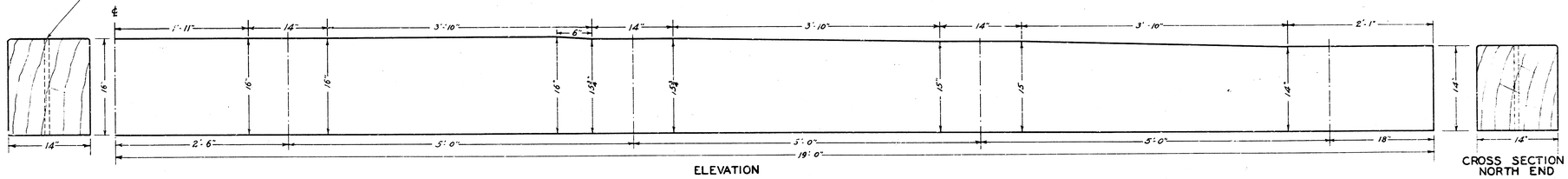


CROSS SECTION SOUTH END

ELEVATION

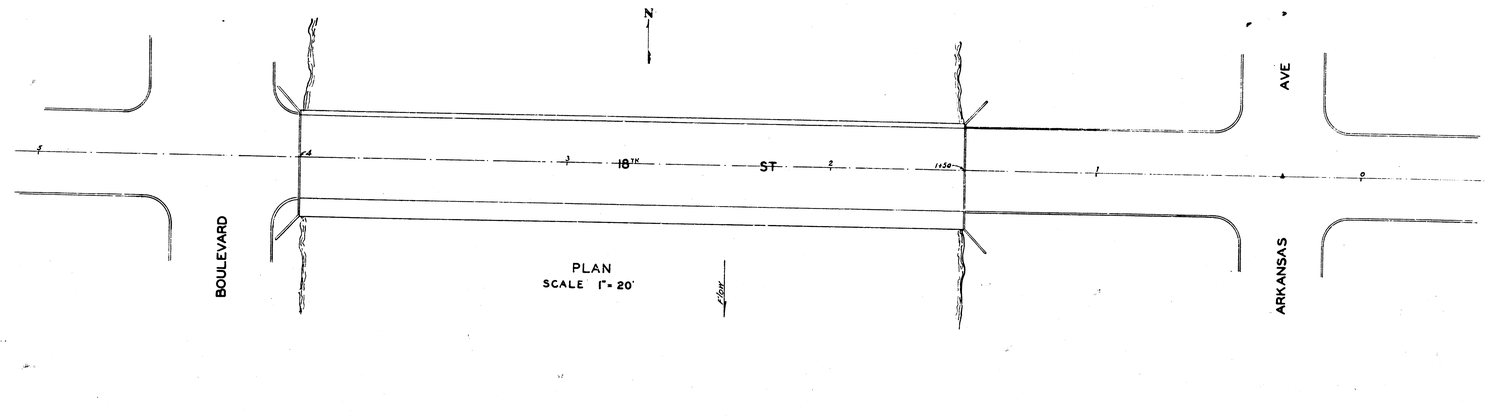
CROSS SECTION CENTER

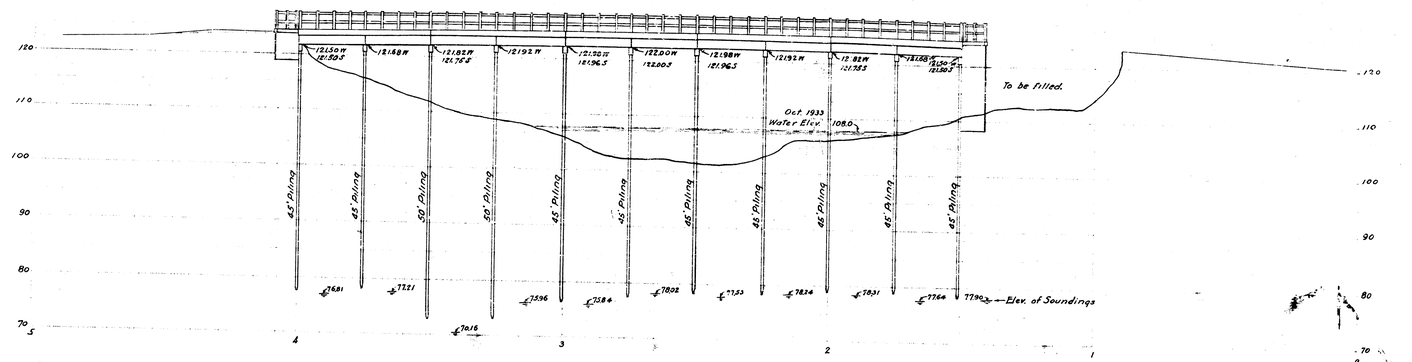
Note: $\frac{7}{8}$" holes, for drift pins, to be bored in cap @ 5'-0" ctrs. 18" from ends of cap.



ELEVATION

CROSS SECTION NORTH END

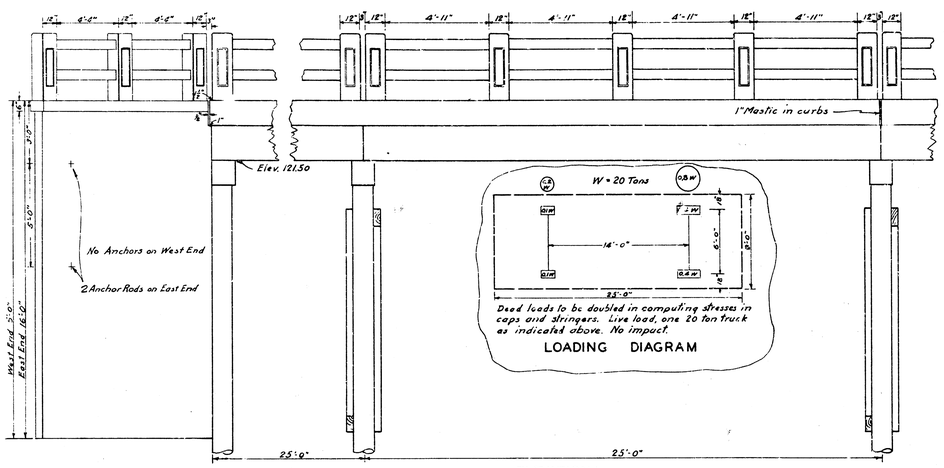




ELEVATION
SCALE { VERTICAL 1" 10'
HORIZONTAL 1" 20'

ENGINEERING DEPARTMENT
CITY OF WICHITA, KANSAS
P.L. BROCKWAY, CITY ENGINEER
JAN. 1936.

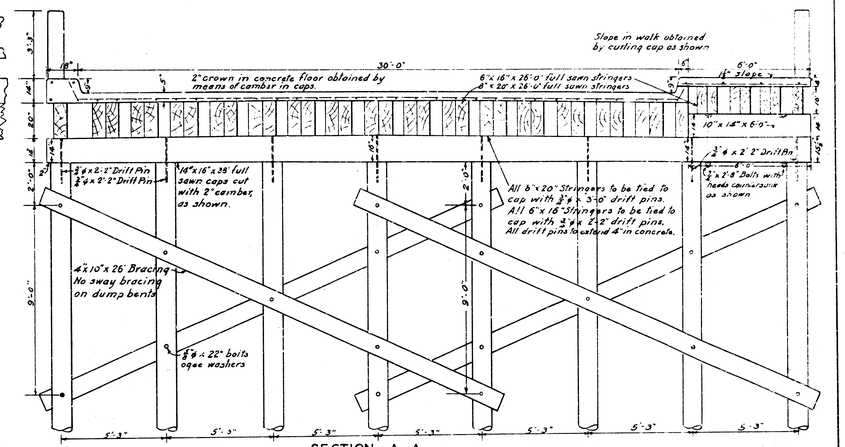
STANDARD
20 TON TIMBER BRIDGE
CONCRETE FLOOR
SPAN 30 FOOT ROADWAY
18 TH ST. ARKANSAS RIVER
SHEET 1 3 SHEETS



ELEVATION
SCALE 3/8" = 1'

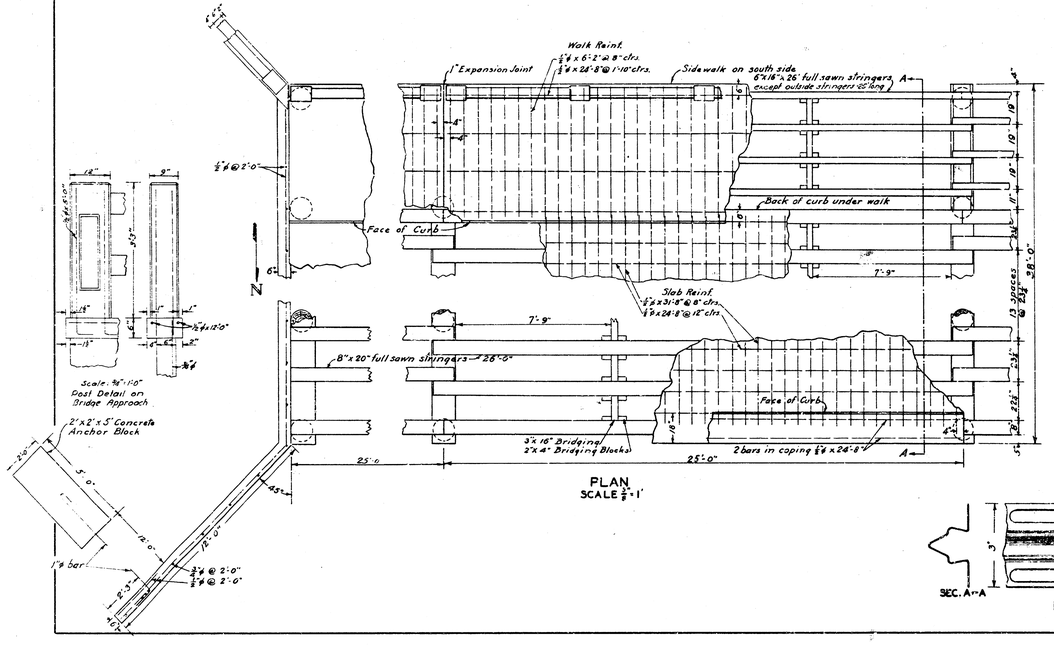
Dead loads to be doubled in computing stresses in caps and stringers. Live load, one 20 ton truck as indicated above. No impact.

LOADING DIAGRAM

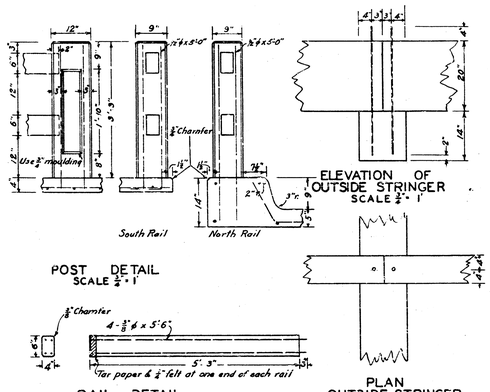


SECTION A-A
SCALE 3/8" = 1'

Galvanized
Note: 24 Gauge Sheet Metal to be placed over tops of all caps and piling, and bent down. Joints to be soldered.



PLAN
SCALE 3/8" = 1'

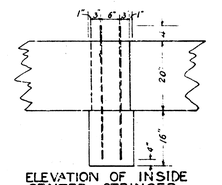


POST DETAIL
SCALE 3/4" = 1'

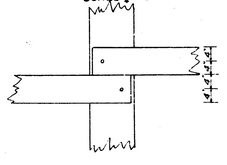
RAIL DETAIL
SCALE 3/4" = 1'

ELEVATION OF OUTSIDE STRINGER
SCALE 3/4" = 1'

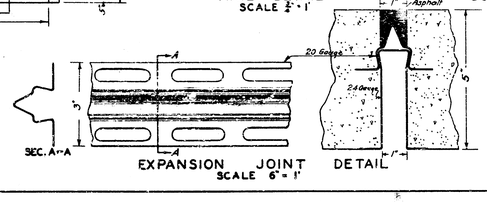
PLAN
OUTSIDE STRINGER
SCALE 3/4" = 1'



ELEVATION OF INSIDE CENTER STRINGER
SCALE 3/4" = 1'

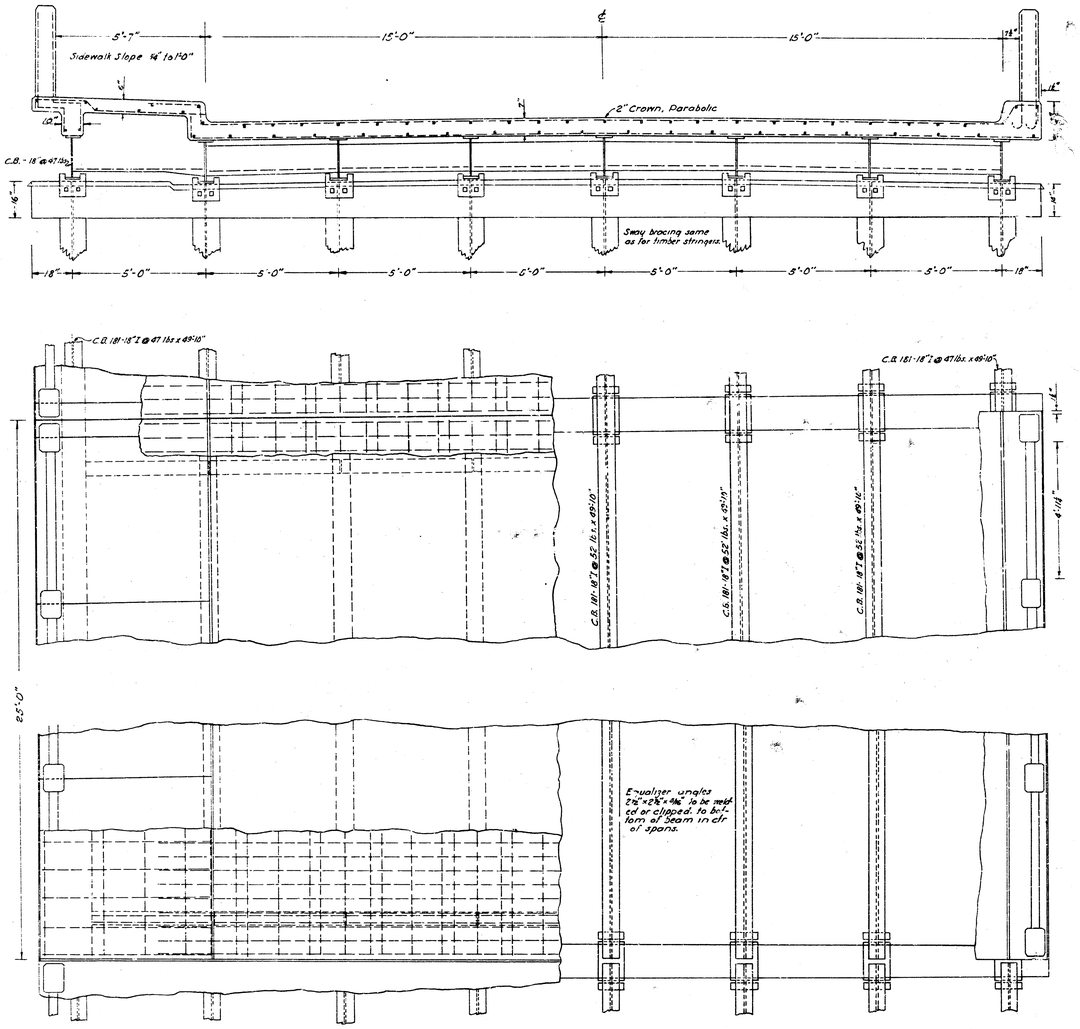


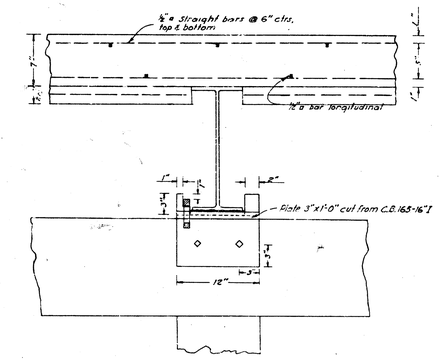
PLAN
INSIDE STRINGER
SCALE 3/4" = 1'

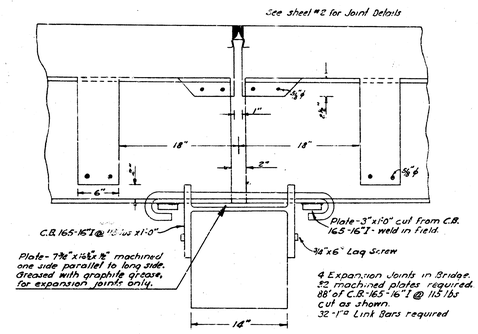


EXPANSION JOINT DETAIL
SCALE 6" = 1'

STANDARD
20 TON TIMBER BRIDGE
CONCRETE FLOOR
25 FOOT SPAN 30 FOOT ROADWAY
18 TH ST. ARKANSAS RIVER
SHEET 2 3 SHEETS.







DETAIL OF EXPANSION JOINT AND SLAB

Scale: 1½"=1'0"

DESIGN FOR STEEL STRINGERS
25' SPAN 30' ROADWAY
18TH ST. & ARKANSAS RIVER
SHEET 3 3 SHEETS