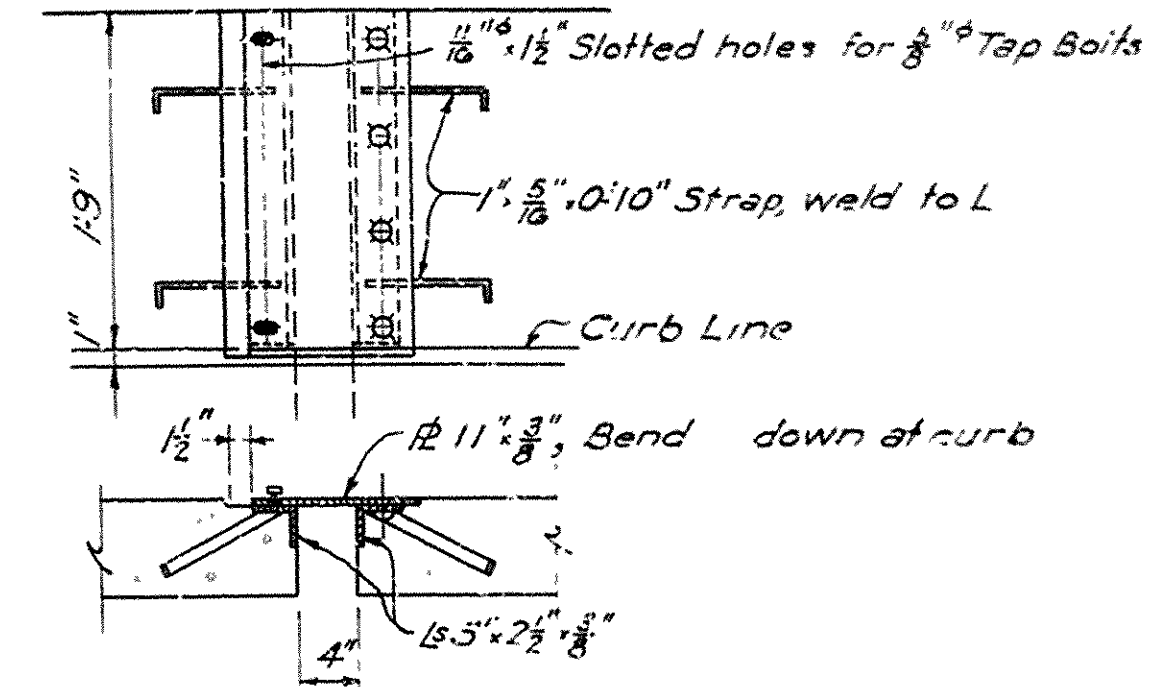
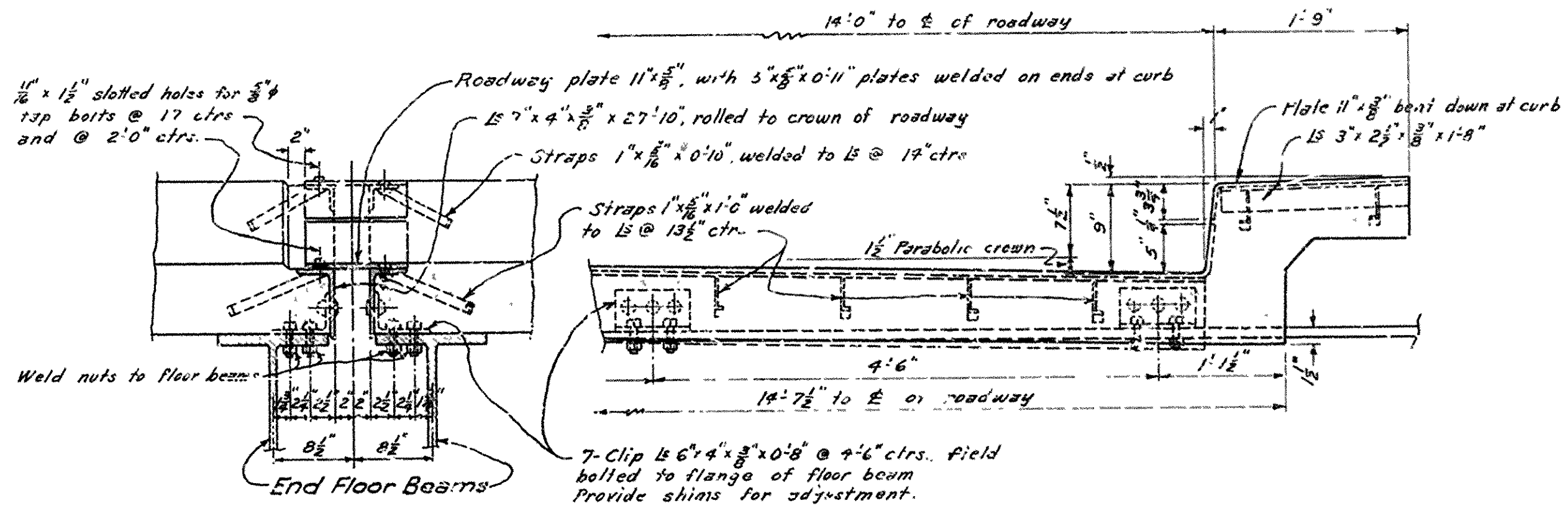
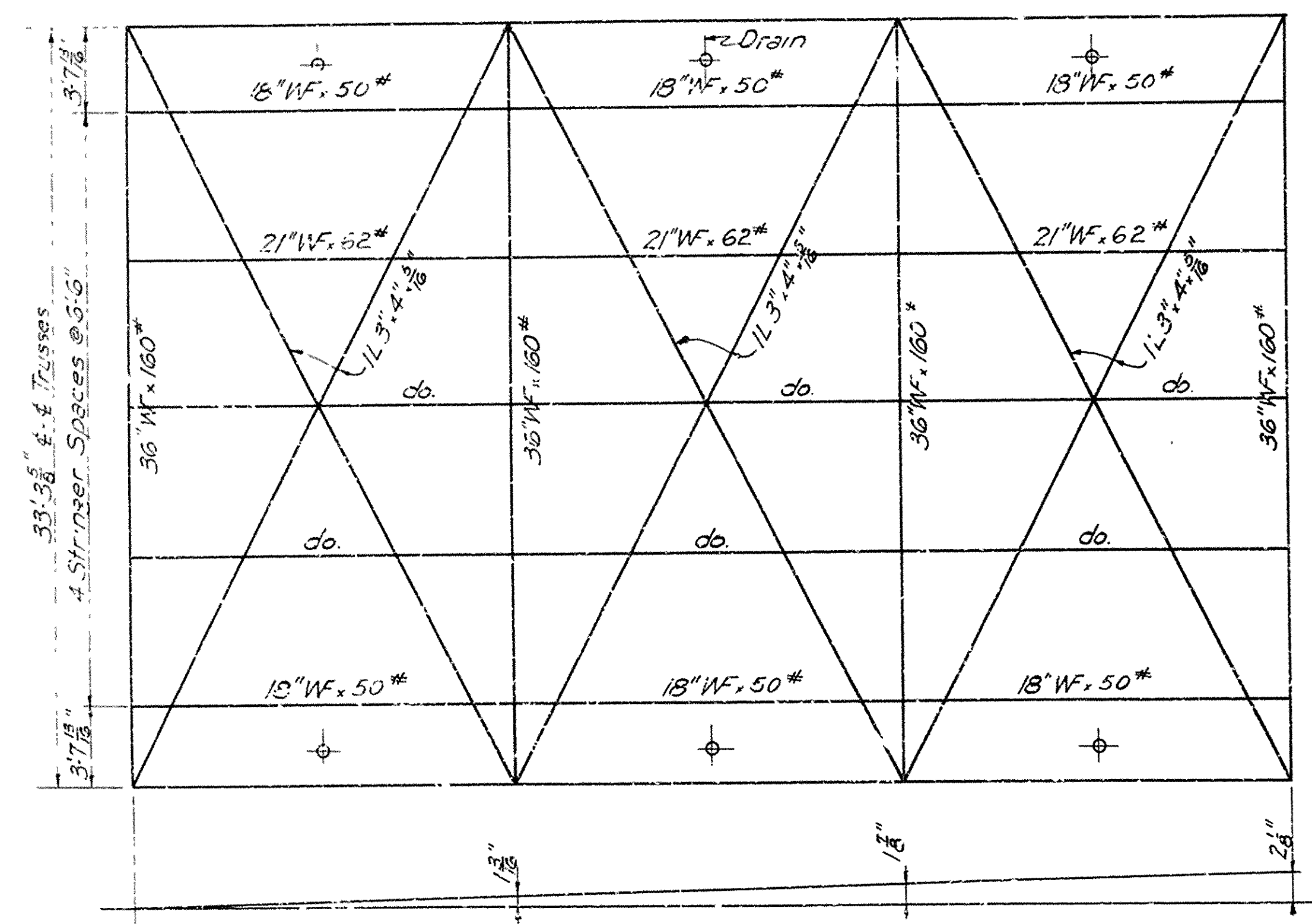
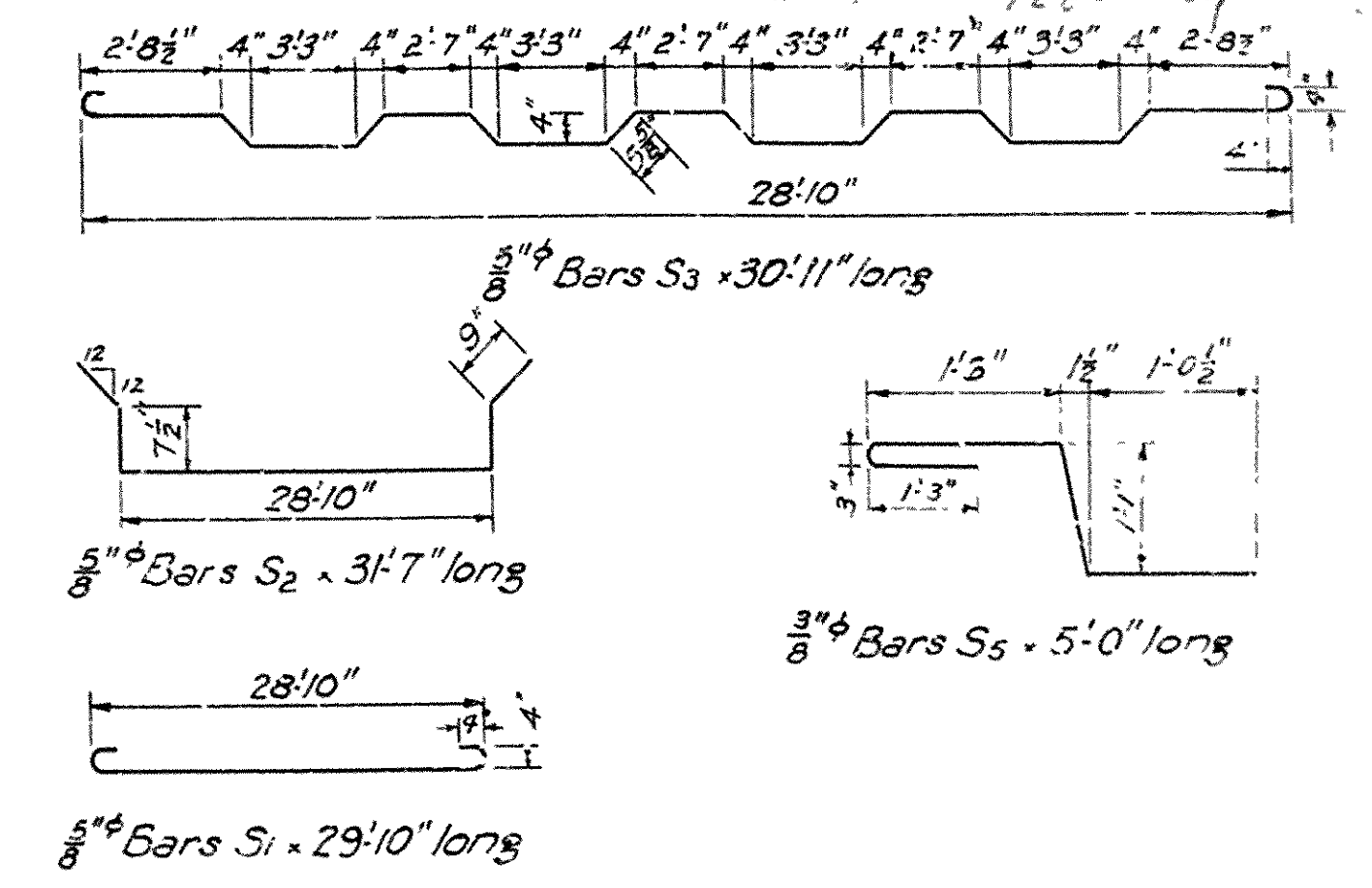
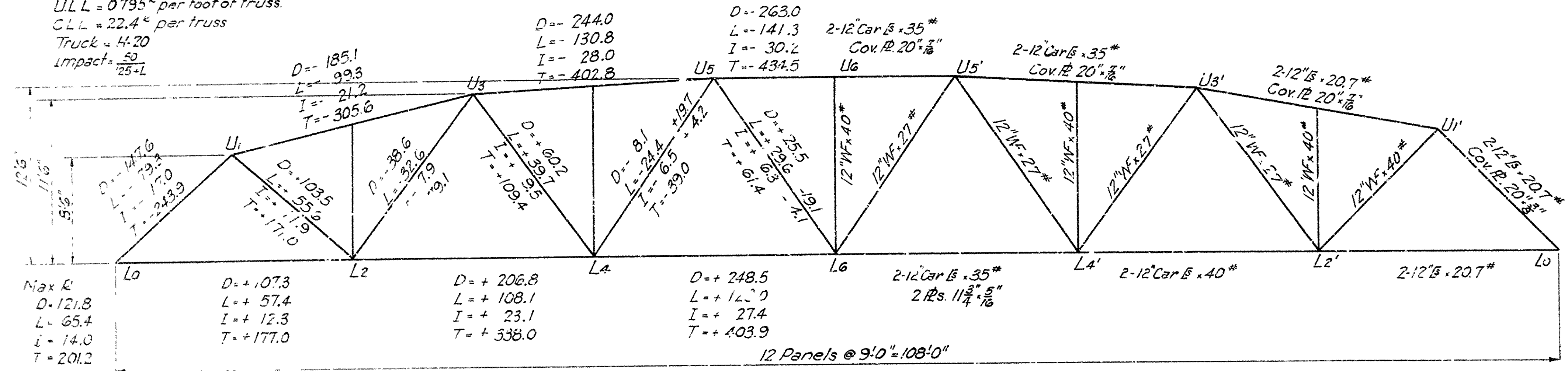


FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	ARP No F 121(1)	1943	21	26
STATE JOB NO.		722	1	1	3

Design Loads:
 DL = 2.25^k per foot of truss (includes 0.25^k/ft of roadway for future wearing surface)
 U.L.L. = 0.795^k per foot of truss.
 C.L.L. = 22.4^k per truss
 Truck = H-20
 Impact = $\frac{50}{25+L}$



ROADWAY EXPANSION DEVICE
Scale: 1"=1'-0"

GENERAL NOTES

All concrete shall be Class S. Exposed corners shall be chamfered $\frac{3}{8}$ "

All rivets shall be $\frac{3}{8}$ " except in flanges of 6" B's where they shall be $\frac{5}{8}$ ". O.H. shall be $\frac{1}{16}$ " larger than nominal diameter of rivet.

All holes in truss connections shall be sub-punched $\frac{1}{16}$ " and reamed to size while truss is assembled. This applies to both shop and field rivets.

Floorbeam connections shall be sub-punched $\frac{3}{16}$ " and reamed to a metal template. Floorbeams shall be milled to exact length after connection angles have been riveted.

Shop Paint: After all shop work is completed all pieces shall be given one coat of red lead and raw linseed oil before shipment.

Field Paint: First coat, white lead; second coat, aluminum paint.

Shapes of equal or greater strength may be substituted for structural shapes shown but payment will be made in accordance with sizes shown on this plan, or on the substituted section if of less weight. Shop drawings shall be made in compliance with specifications, submitted and approved before fabrication is begun.

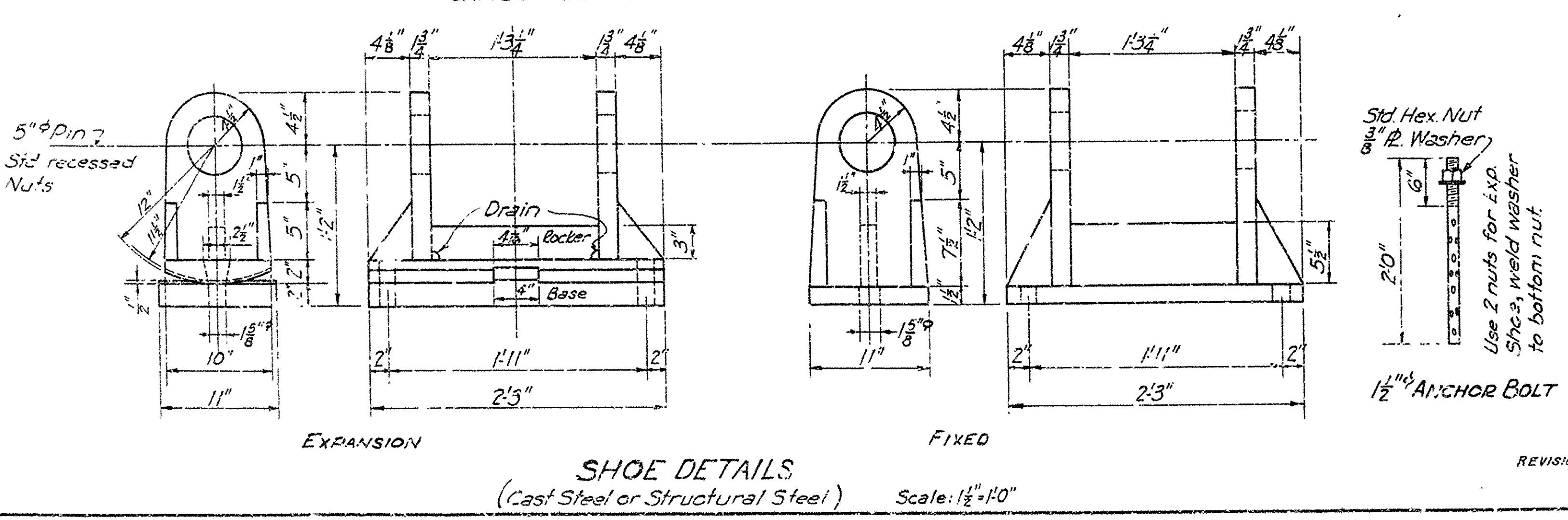
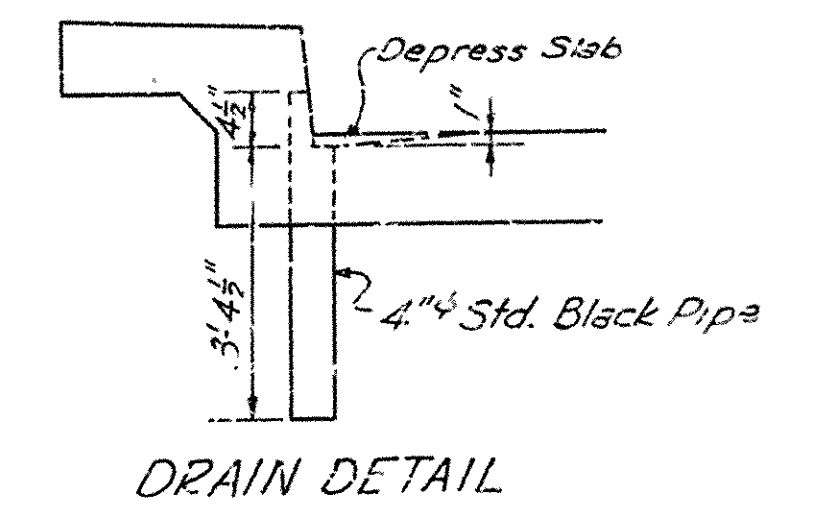
Drains, shoes and anchor bolts will be paid for at the unit price bid for "Structural Steel in Truss Span."

Truss shall be cambered to fit vertical curve shown on Layout Sheet, in addition to that required for dead load deflection.

Design Specifications: 1941 A.A.S.H.O. Unit Stresses: $s = 18,000 \frac{lb}{sq. in.}$, $f_c = 1000 \frac{lb}{sq. in.}$, $n = 10$. H-20 Loading.

Construction Specifications: Arkansas State Highway Commission Standard Specifications for Road and Bridge Construction, adopted March 1, 1940.

D.L. Deflection	= $\frac{1}{8}$ "	Job No.	
Permanent Camber	= $\frac{1}{8}$ "	Job No.	
Total	= $\frac{2}{8}$ "		



108'-0" LOW TRUSS SPAN
 28'-0" ROADWAY 16" SIDEWALKS
 Sheet of 2

ROUTE SEC.
 ARKANSAS STATE HIGHWAY COMMISSION
 LITTLE ROCK, ARK.

Scale: As noted

Drawn By: E.B.S. Date: 8-20-41
 Traced By: E.B.S. Date: 8-28-41
 Checked By: Date:
 BRIDGE NO. DRAWING No. 5461

REVISIONS: Reinforcing Steel, 12-19-45, W.C.H.
 Field Paint, 12-15-45, W.B.
 Wt. of members, W.C.H. 10-31-46.

E.B.S.
 ENGINEER