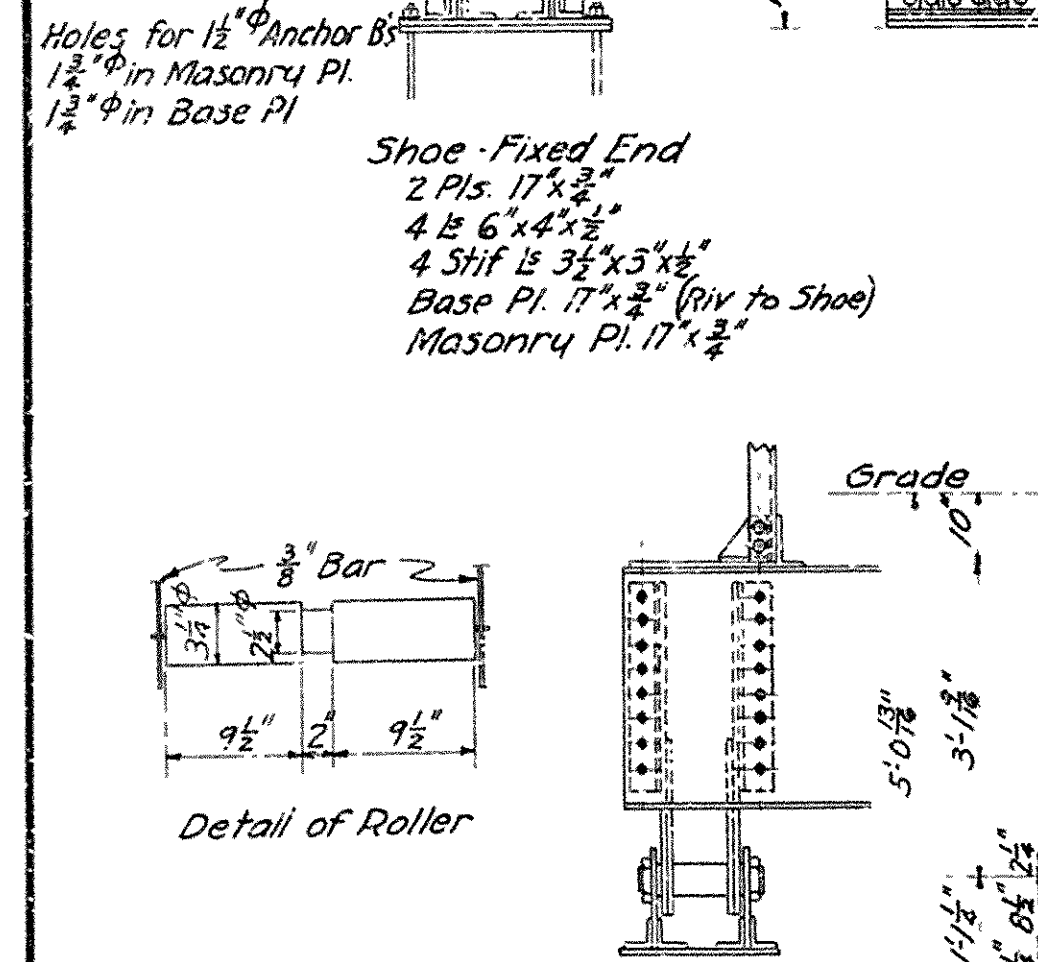
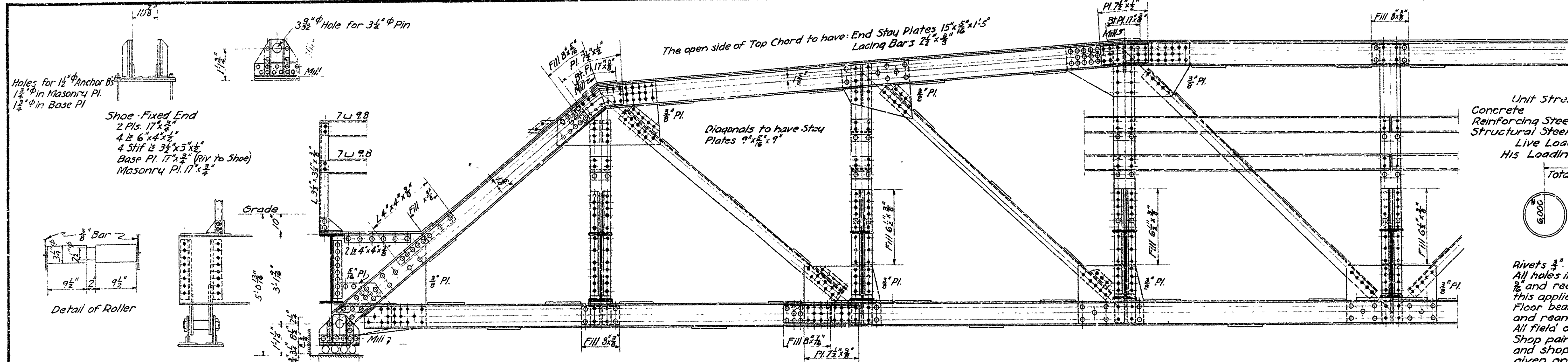
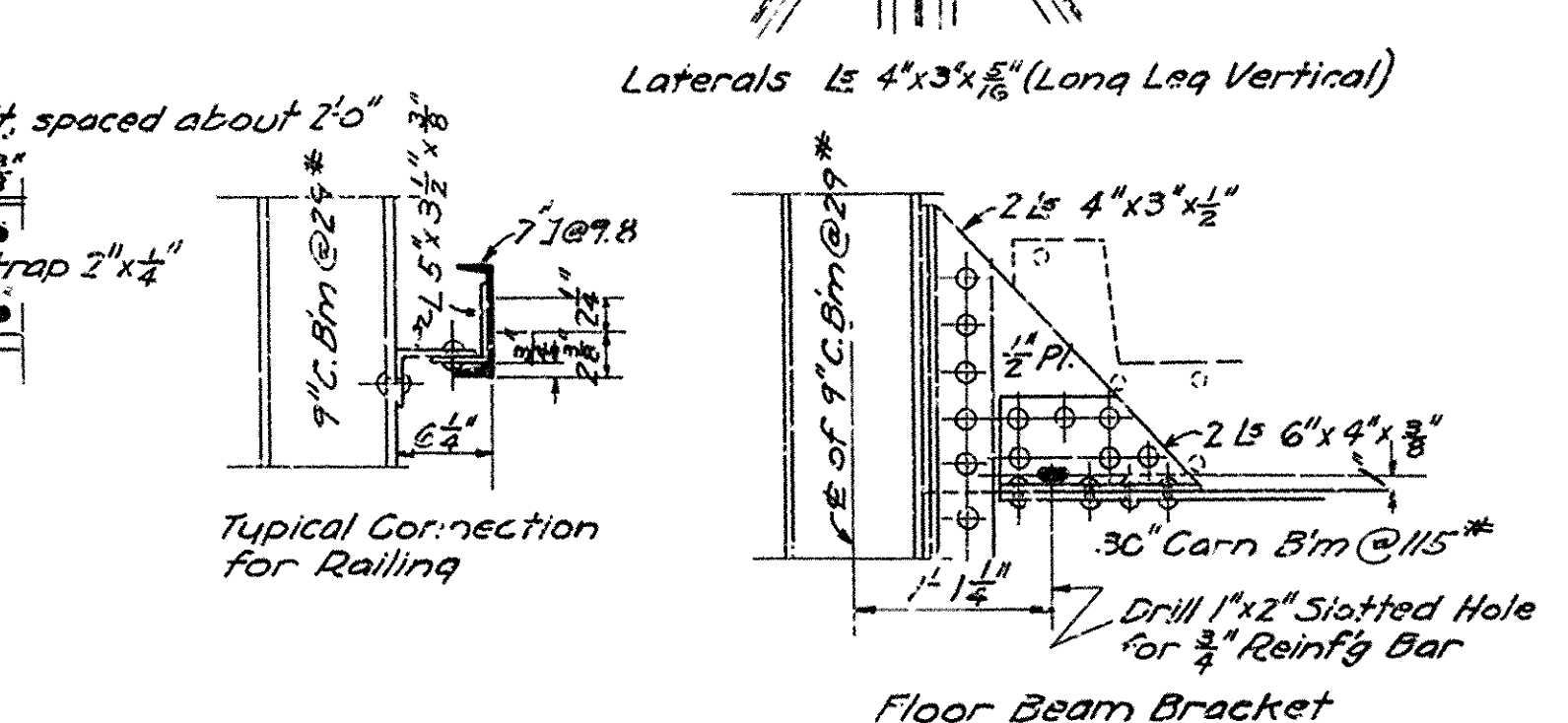
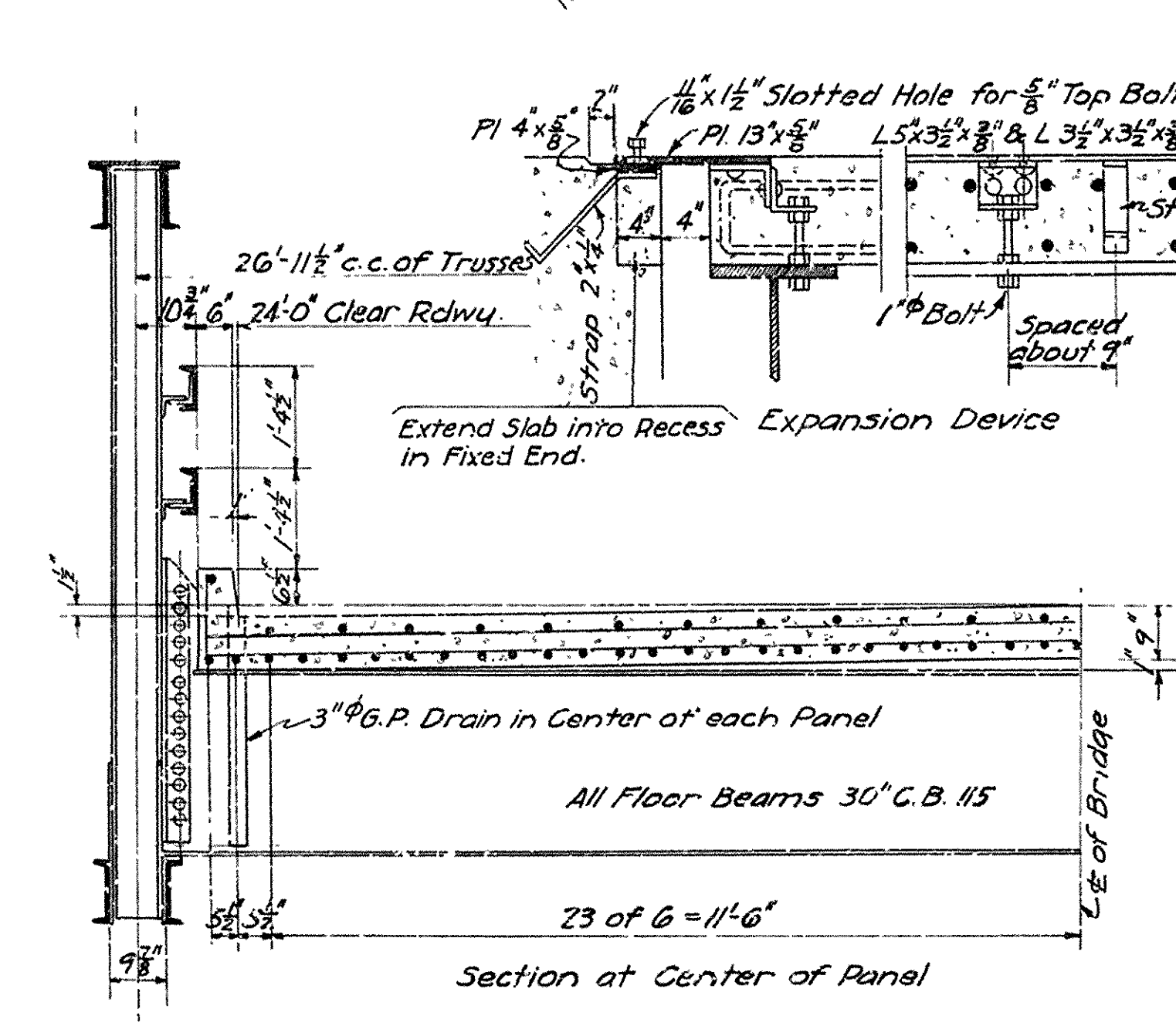
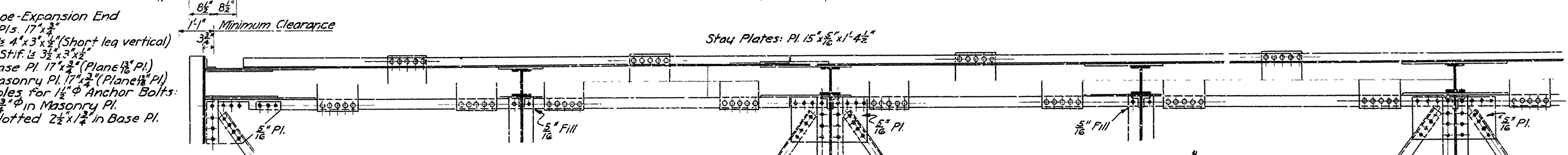


FISCAL YEAR	SHEET No.	TOTAL SHEETS



General Notes
Rivets 3/4" Open Holes 1/8"
All holes in truss connections to be sub-punched 1/8" and reamed to size while truss is assembled; this applies to field as well as shop rivets.
Floor beam connections to be sub-punched 1/8" and reamed to a metal template.
All field connections shall be riveted.
Shop paint: After being completely assembled and shop work finished, all pieces shall be given one coat of red lead and raw linseed oil before shipment.
Field paint: Apply two coats of dif. nt colors as specified by the engineer.
Floor slab: Concrete to be Class "5". One inch has been added for wear.
All floor beams to be milled to exact length; after framing angles have been riveted.
Shapes of equal or greater strength may be substituted for shapes shown, but payment will be made in accordance with sizes given on this plan.
This drawing shows general features of design. Shop drawings shall be made in compliance with specifications, submitted and approved before fabrication is begun.
Specifications: Ark. Standard Road & Bridge Specifications adopted May 30, 1925 & Revised.
All dimensions shown are center-to-center of bars



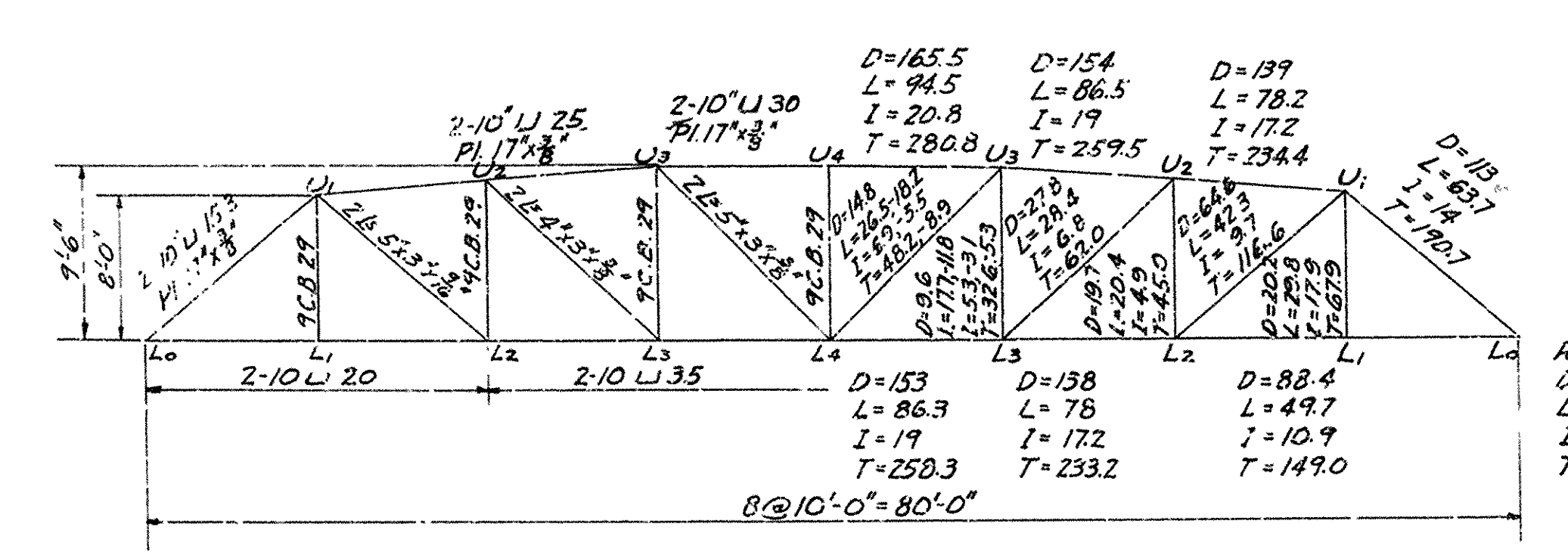
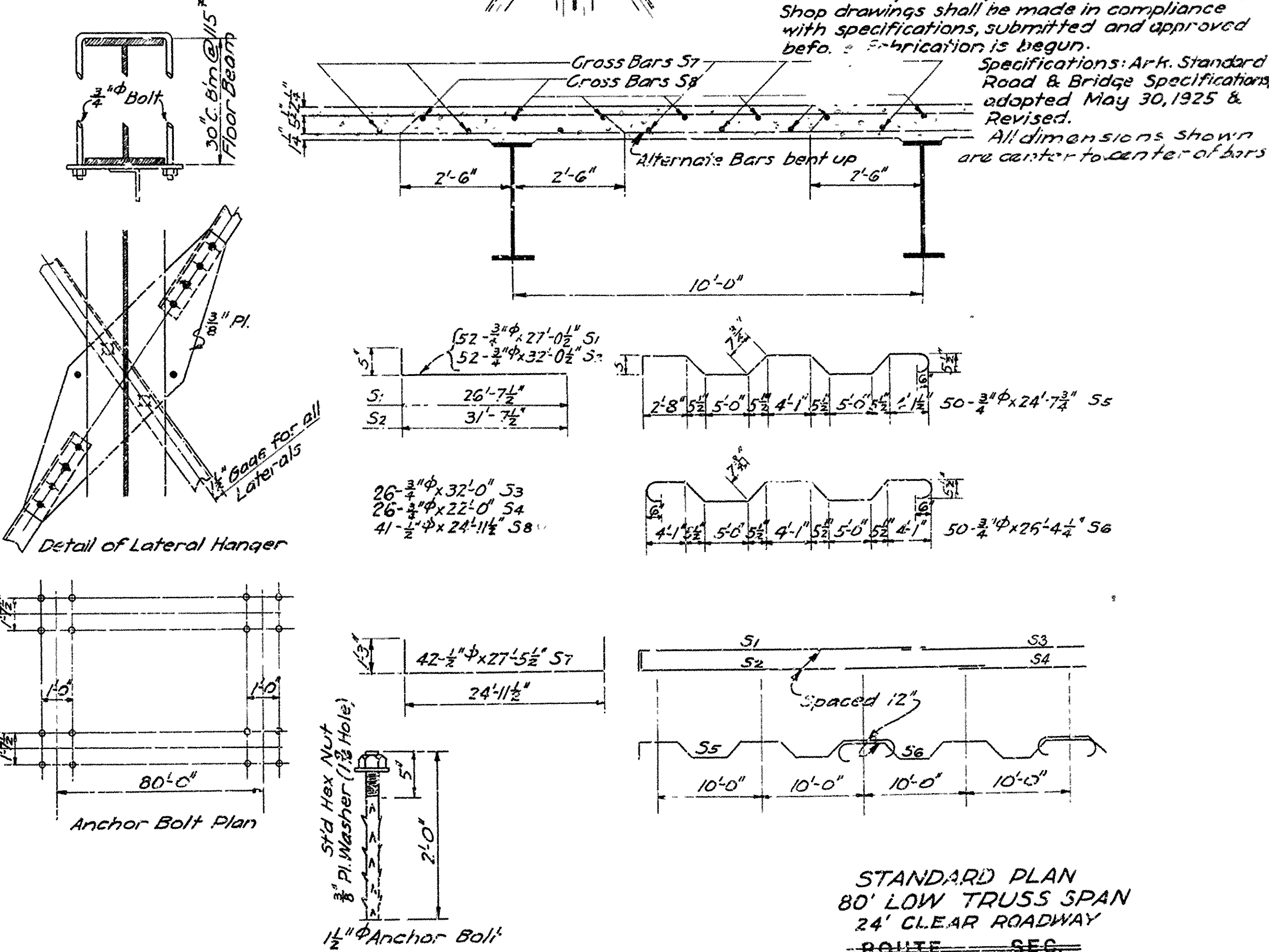
FLOOR BEAM DATA

Dead Load Moment	1,284,000 in lbs.
Live Load Moment	2,604,000 " "
Impact, 30%	78,000 " "
Total Moment	4,668,000 " "
Required Section Modulus	4668/16 = 292 in ³
Section Modulus of 30" C.B. 15	is 292 in ³

ESTIMATED QUANTITIES

Structural Steel	18000 lbs.
Reinforcing Steel	115' 0"
Class 5 Concrete	59.2 cu. yds.

Note: Structural Steel Tonnage does not include weight of Expansion Device.



STANDARD PLAN
80' LOW TRUSS SPAN
24' CLEAR ROADWAY
ROUTE SEC.

ARKANSAS STATE HIGHWAY DEPARTMENT
LITTLE ROCK, ARK.

Drawn By: A. Date: _____
Traced By: SA Date: 1-29-30 Scale: 1/2 in. = 1 ft.
Checked By: _____ Date: _____

BRIDGE NO. _____ DRAWING NO. 2445.

N.B. Gann
BRIDGE ENGINEER