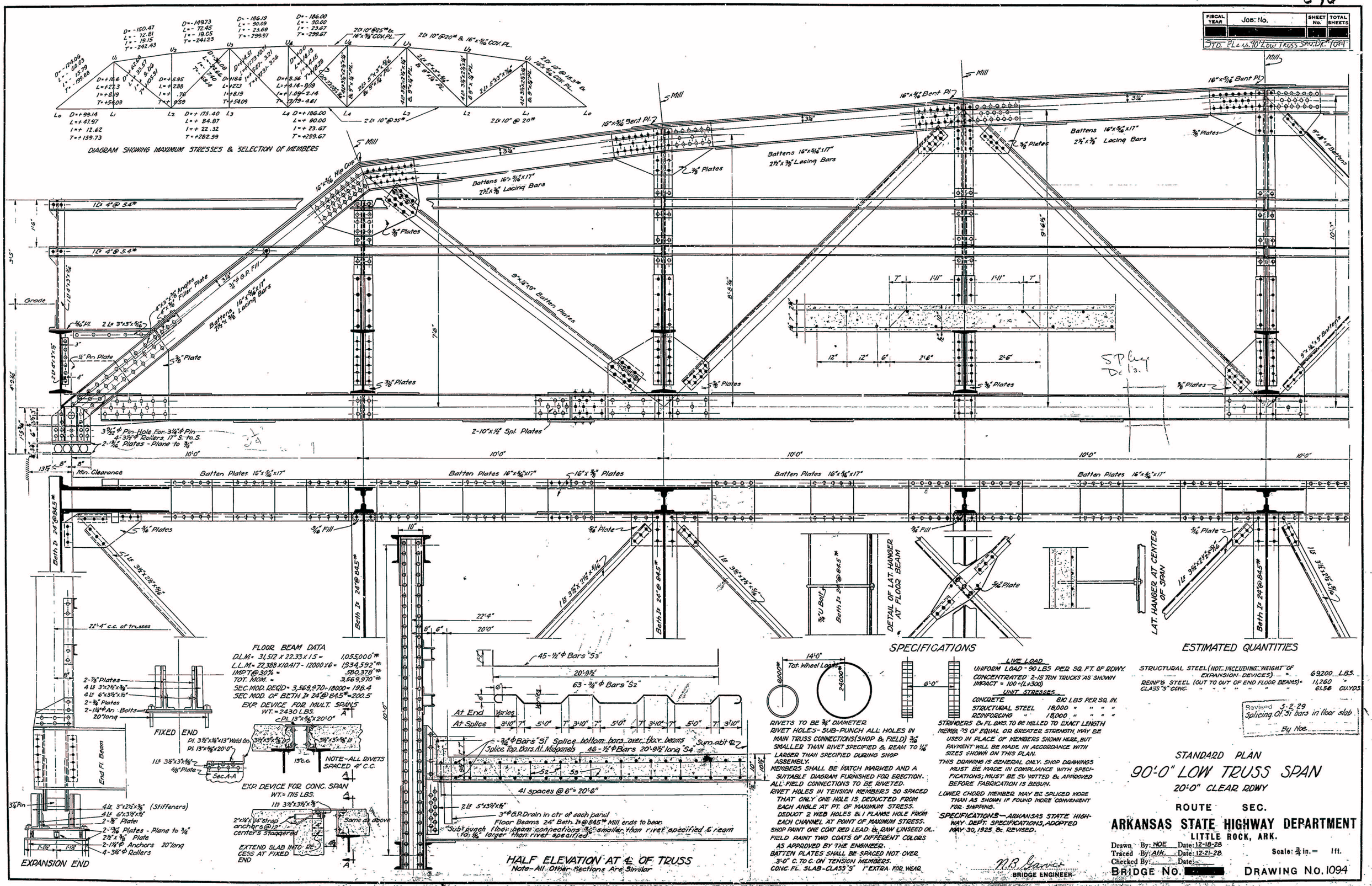
FISCAL YEAR	JOB: No.	SHEET No.	TOTAL SHEETS

STD. PLAN 90' LOW TRUSS SPAN DR. 1094



SPECIFICATIONS

LIVE LOAD

UNIFORM LOAD - 90 LBS PER SQ. FT. OF RDWY.
CONCENTRATED 2-15 TON TRUCKS AS SHOWN
IMPACT = 100÷(L+300)

UNIT STRESSES

CONCRETE	810 LBS PER SQ. IN.
STRUCTURAL STEEL	18,000 " " " "
REINFORCING "	18,000 " " " "

RIVETS TO BE ¾" DIAMETER
RIVET HOLES - SUB-PUNCH ALL HOLES IN MAIN TRUSS CONNECTIONS (SHOP & FIELD) ⅜" SMALLER THAN RIVET SPECIFIED & REAM TO 1/16" LARGER THAN SPECIFIED DURING SHOP ASSEMBLY.
MEMBERS SHALL BE MATCH MARKED AND A SUITABLE DIAGRAM FURNISHED FOR ERECTION.
ALL FIELD CONNECTIONS TO BE RIVETED.
RIVET HOLES IN TENSION MEMBERS SO SPACED THAT ONLY ONE HOLE IS DEDUCTED FROM EACH ANGLE AT PT. OF MAXIMUM STRESS. DEDUCT 2 WEB HOLES & 1 FLANGE HOLE FROM EACH CHANNEL AT POINT OF MAXIMUM STRESS.
SHOP PAINT ONE COAT RED LEAD & RAW LINSEED OIL.
FIELD PAINT TWO COATS OF DIFFERENT COLORS AS APPROVED BY THE ENGINEER.
BATTEN PLATES SHALL BE SPACED NOT OVER 3'-0" C. TO C. ON TENSION MEMBERS.
CONC. FL. SLAB - CLASS "S" 1" EXTRA FOR WEAR.

STRINGERS & FL. BMS. TO BE MILLED TO EXACT LENGTH MEMBERS OF EQUAL OR GREATER STRENGTH MAY BE USED IN PLACE OF MEMBERS SHOWN HERE, BUT PAYMENT WILL BE MADE IN ACCORDANCE WITH SIZES SHOWN ON THIS PLAN.
THIS DRAWING IS GENERAL ONLY. SHOP DRAWINGS MUST BE MADE IN COMPLIANCE WITH SPECIFICATIONS; MUST BE SUBMITTED & APPROVED BEFORE FABRICATION IS BEGUN.
LOWER CHORD MEMBER MAY BE SPLICED MORE THAN AS SHOWN IF FOUND MORE CONVENIENT FOR SHIPPING.
SPECIFICATIONS — ARKANSAS STATE HIGHWAY DEPT. SPECIFICATIONS, ADOPTED MAY 30, 1925 & REVISED.

N. B. Garver
BRIDGE ENGINEER

ESTIMATED QUANTITIES

STRUCTURAL STEEL (NOT INCLUDING WEIGHT OF EXPANSION DEVICES)	69,200	LBS.
REINF'G STEEL (OUT TO OUT OF END FLOOR BEAMS) =	11,260	"
CLASS "S" CONC. " " " " " "	61.56	CU. YDS.

Revised 5-2-29
Splicing of 51 bars in floor slab
By Noe

STANDARD PLAN

90'-0" LOW TRUSS SPAN

20'-0" CLEAR RDWY

ROUTE SEC.

ARKANSAS STATE HIGHWAY DEPARTMENT

LITTLE ROCK, ARK.

Drawn By: NOE Date: 12-18-28
Traced By: A.H. Date: 12-21-28
Checked By: Date:

Scale: ¾ in. = 1 ft.

BRIDGE No. [redacted]

DRAWING No. 1094