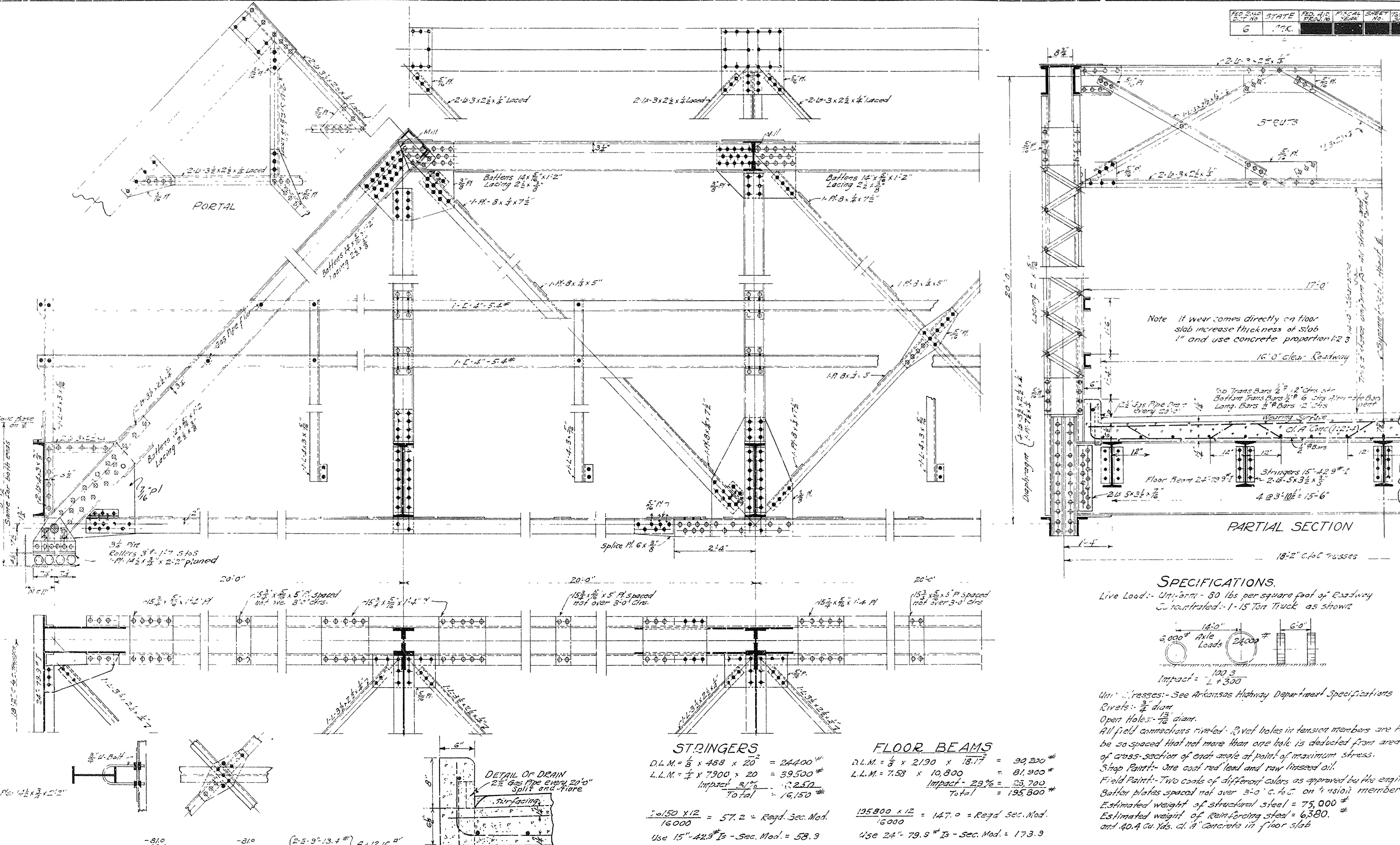


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.				



SPECIFICATIONS.

Live Load:- Uniform - 80 lbs per square foot of Roadway
Concentrated - 1 - 15 Ton Truck as shown

8,000# Axle Loads 24,000#

Impact = $\frac{100 S}{L+300}$

Unit Stresses:- See Arkansas Highway Department Specifications
Rivets: 3/4" diam
Open Holes: 1/8" diam
All field connections riveted. Rivet holes in tension members are to be so spaced that not more than one hole is deducted from area of cross-section of each angle at point of maximum stress.
Shop Paint:- One coat red lead and raw linseed oil.
Field Paint:- Two coats of different colors as approved by the engineer.
Batten plates spaced not over 3'-0" C.C. on tension members.
Estimated weight of structural steel = 75,000 #
Estimated weight of reinforcing steel = 6,380 #
and 40.4 Cu. Yds. of concrete in floor slab

STANDARD PLAN
100-FT. STEEL HIGHWAY BRIDGE
16' ROADWAY - CONC. FLOOR

ARKANSAS HIGHWAY DEPARTMENT
LITTLE ROCK, ARK.

Approved: _____
Chairman, Arkansas State Highway Commission

By: _____
State Highway Engineer

Mar. 1924

DESIGNED N.B.G.
TRACED C.L.P.
CHECKED N.B.G.
REVISIONS Aug. 15, 1924 6-16-24