Missouri Department of Transportation

Bridge Division

Bridge Design Manual

Section 3.60

Revised 03/01/2000

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SECTION 3

3.60 - Trusses

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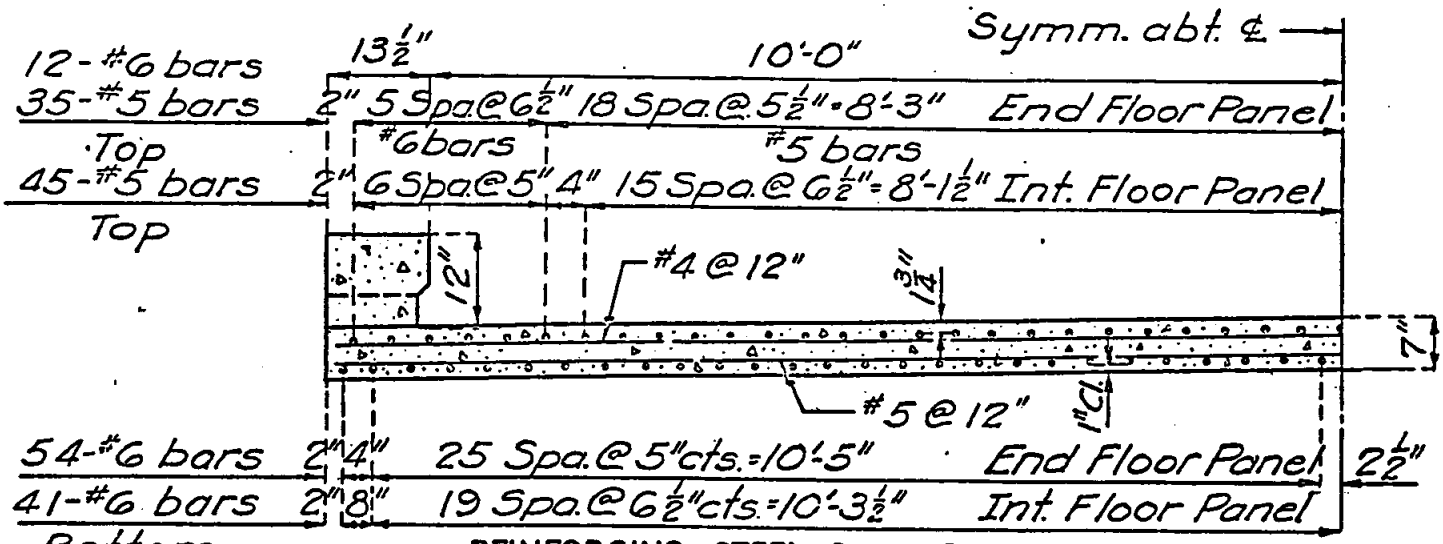


REINFORCING STEEL 20 000 PSI

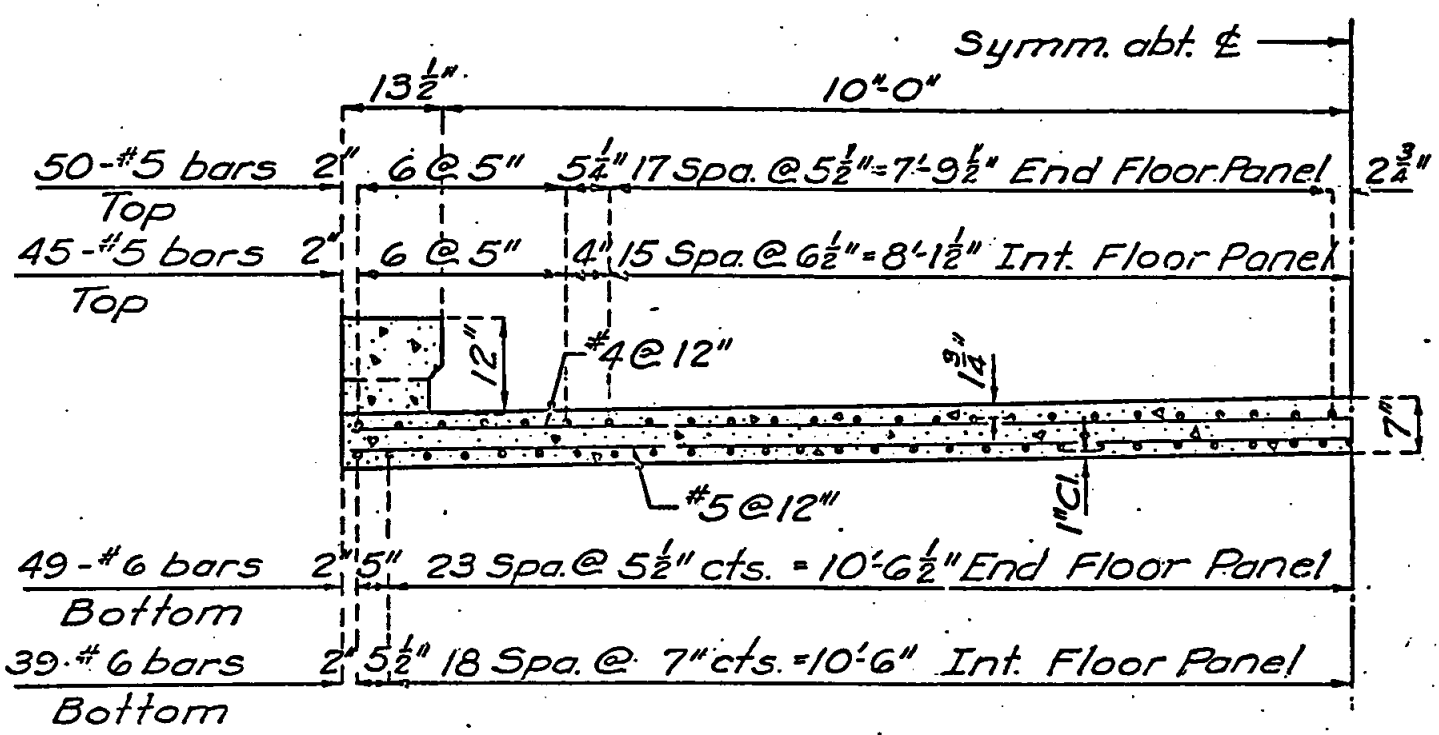
CONCRETE 1.600 PSI

15 LB FUTURE WEARING SURFACE (TRUSS SPAN ONLY)

APPROX. STRUCTURAL STEEL WEIGHT SQUARE 69,200 LBS.
SKEWED 70,700 LBS.

STD. PLAN
SHEET 60.10

100' TRUSS 20' ROADWAY H15 (ONE LANE)



REINFORCING STEEL 20.000 PSI

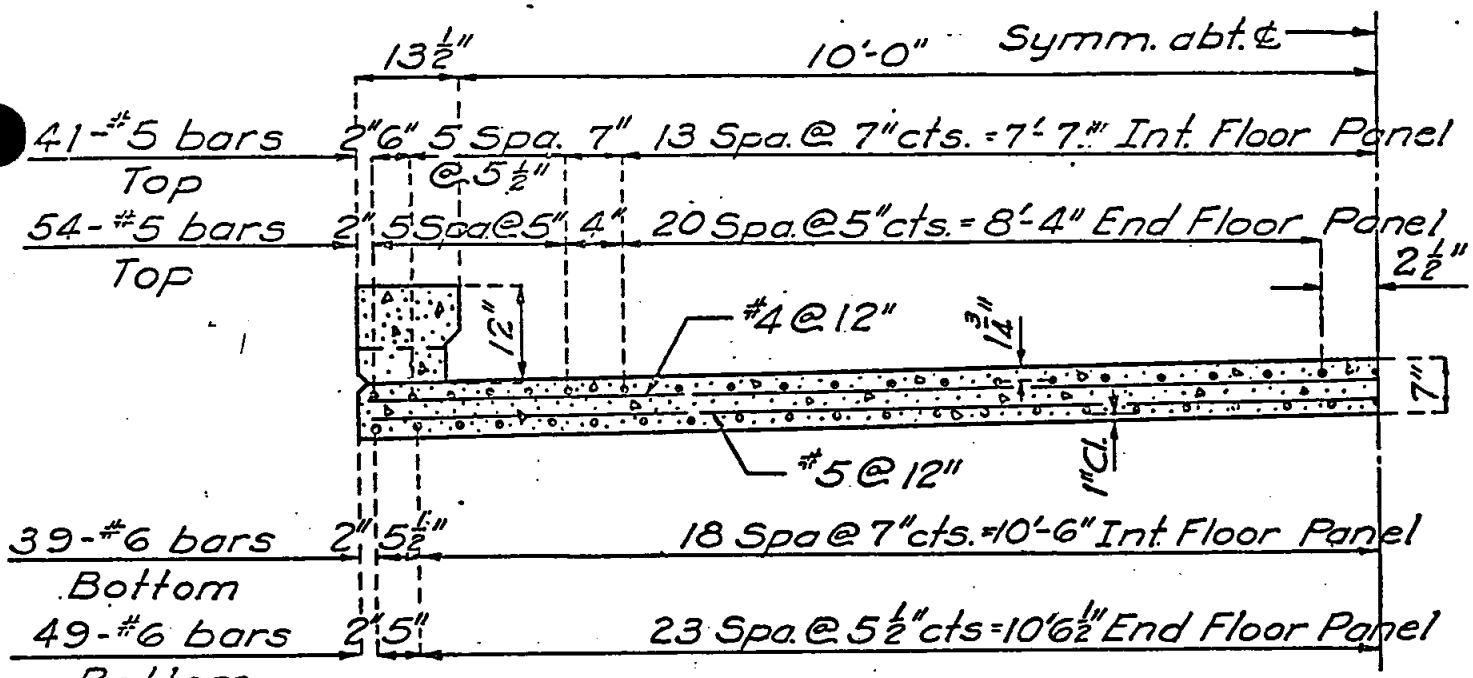
CONCRETE 1.600 PSI

15 LB FUTURE WEARING SURFACE (TRUSS SPAN ONLY)

APPROX. STRUCTURAL STEEL WEIGHT SQUARE 93,400 LBS.
SKEWED 94,900 LBS.

STD. PLAN
SHEET 60.12

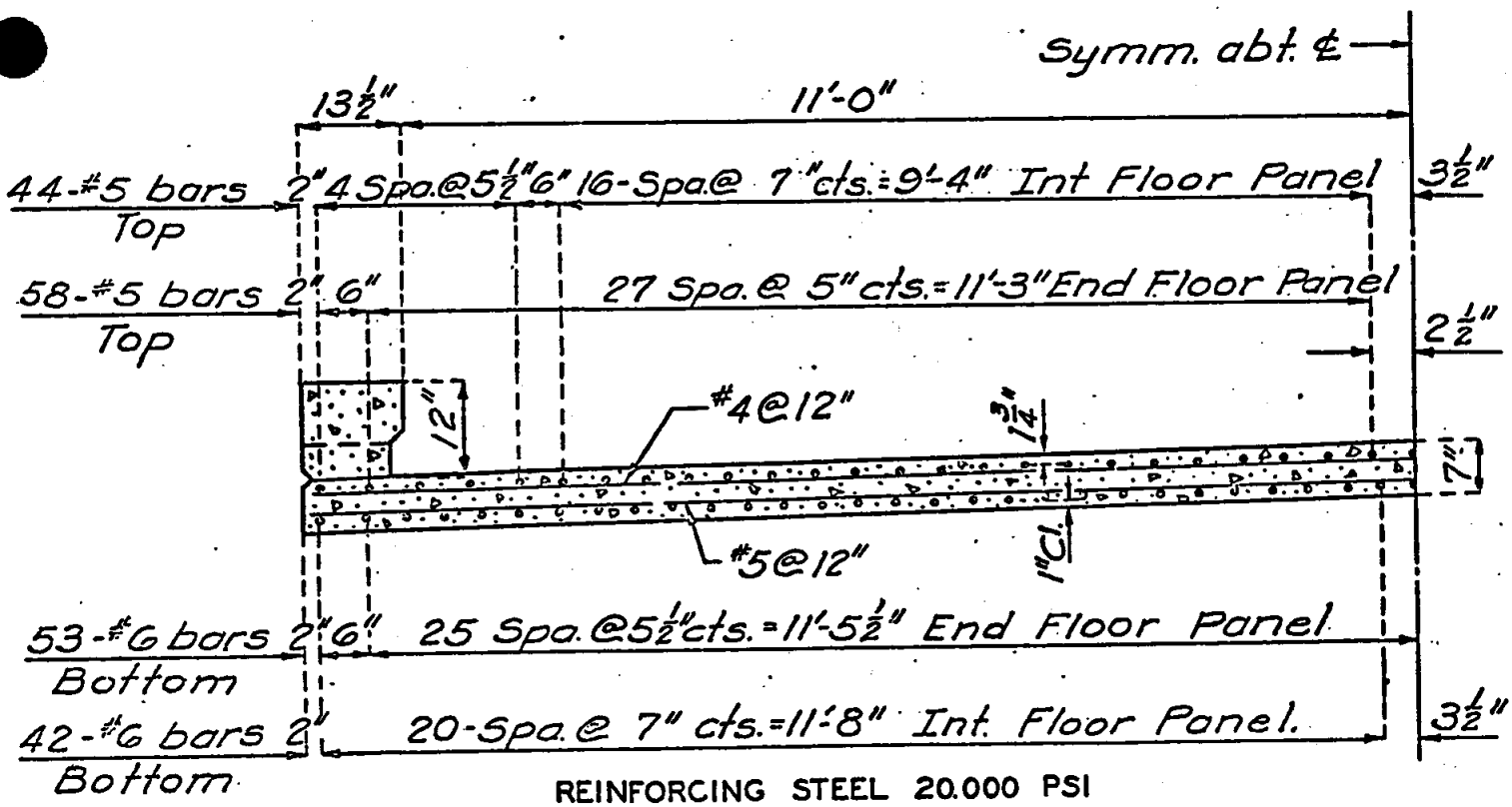
120' TRUSS 20' ROADWAY H15 (ONE LANE)



REINFORCING STEEL 20.000 PSI
CONCRETE 1.600 PSI
15 LB FUTURE WEARING SURFACE (TRUSS SPAN ONLY)
APPROX. STRUCTURAL STEEL WEIGHT SQUARE 121,600 LBS.
SKEWED 124,100 LBS.

STD. PLAN
SHEET 60.14

140' TRUSS 20' ROADWAY H15 (ONE LANE)



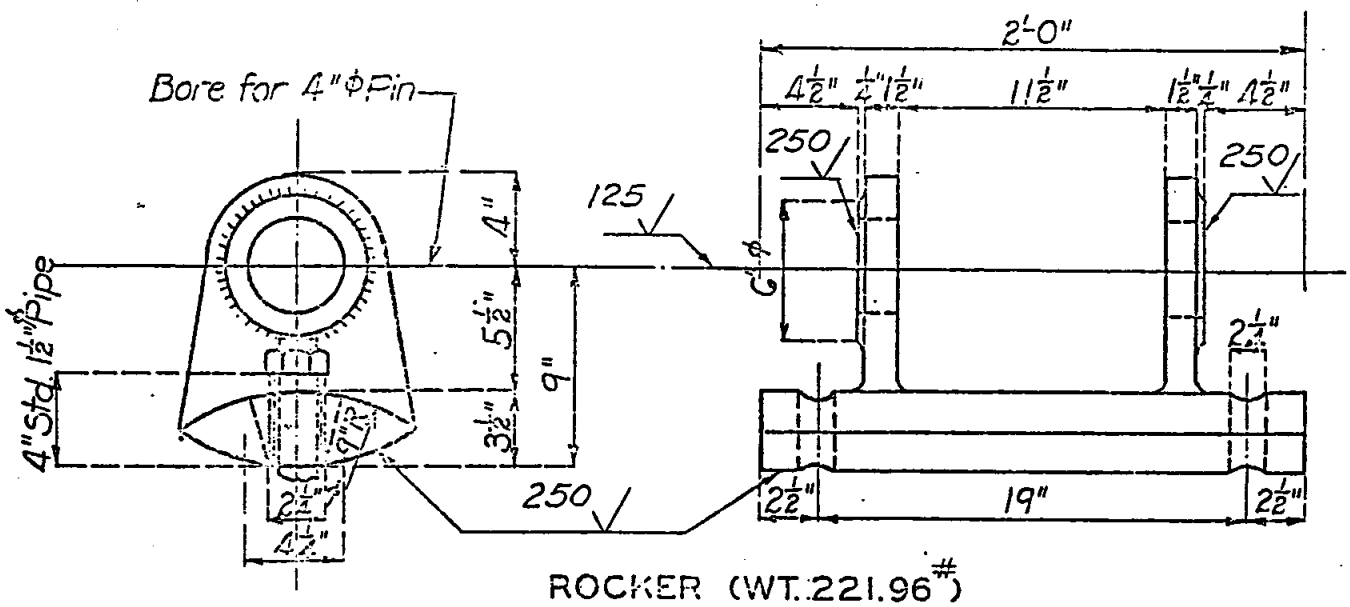
REINFORCING STEEL 20.000 PSI
CONCRETE 1.600 PSI
15 LB FUTURE WEARING SURFACE (TRUSS SPAN ONLY)
APPROX. STRUCTURAL STEEL WEIGHT SQUARE 125,100 LBS.
SKEWED 127,900 LBS.

STD. PLAN
SHEET 60.14.3

140' TRUSS 22' ROADWAY H15 (ONE LANE)

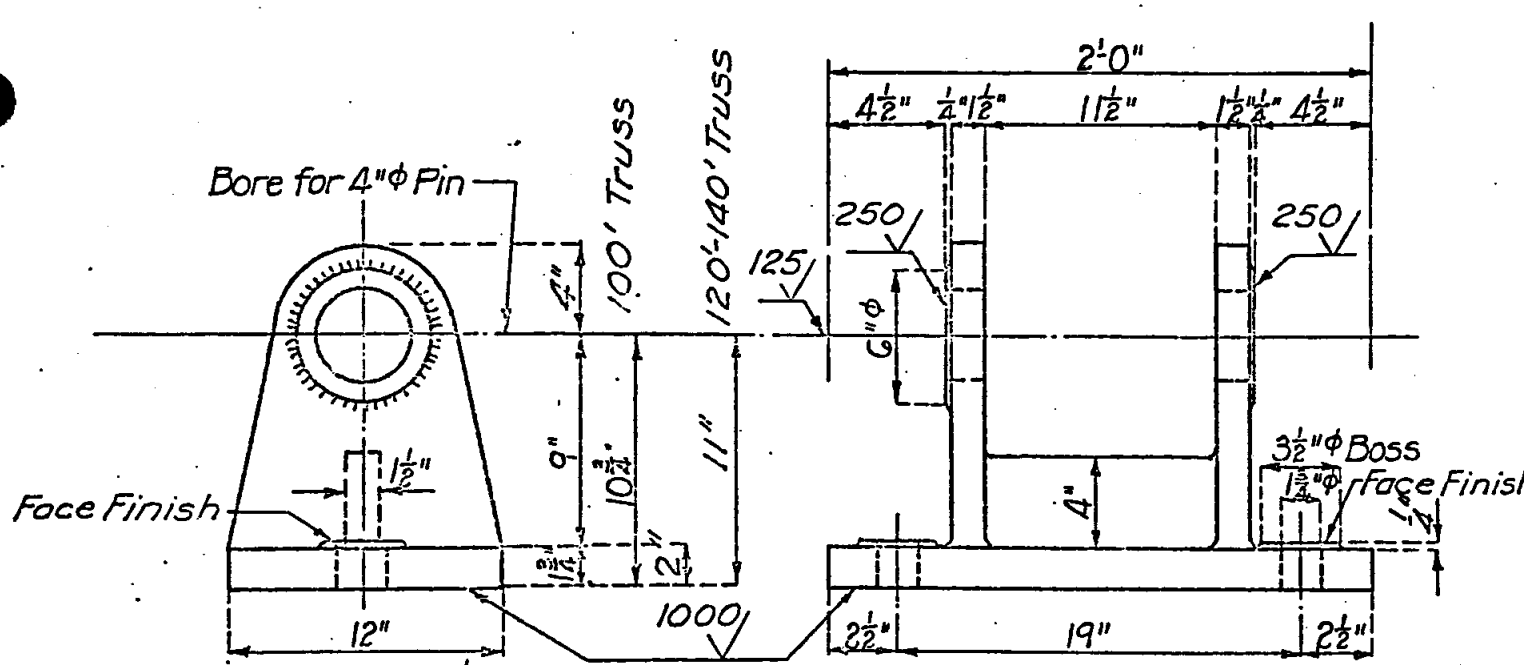
APRIL 15.1962	HJK-WJK	REVISED JAN. 20, 1964	SEC. 3.60	1.2

BEARINGS



ROCKER (WT. 221.96#)

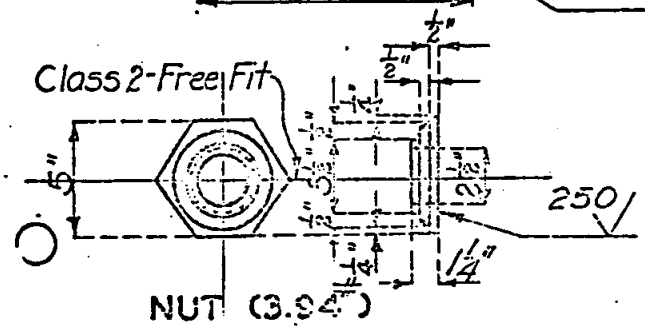
Per Inch Base 7.20#



PEDESTALS WITH 2" BASE (WT. 273.88#)

PEDESTALS WITH 1¾" BASE (WT. 253.82#)

Per ⅛" thickness Base 10.03#



NUT (3.94#)

Std. Pressed Steel Nut may be substituted for above. (Wt. 4.0#)

NOTE:
All fillets ¾".

CARBON STEEL CASTINGS

APRIL 15. 1962	HJK - WJK		SEC. 3.60	2.1